DURA
LAMP

LED
2015

-EN

DURA LAMP

LED CATALOG 2015

GREEN LED Revolution DURA

RESIDENTIAL AND HOSPITALITY ENVIRONMENTS 06

FOR DOMESTIC AND DESIGN APPLICATIONS 23

ACCESSORIES 37

Complete technical info on **www.duralamp.it**

LINES OF LIGHT FOR GENERAL LIGHTING 38

LIGHT FITTINGS 58

DRIVERS 69

RETROFIT

ARCHITECTURAL

SOMETIMES LED LAMPS ALL SEEM THE SAME…

HERE IS WHY THE DURALAMP LED LAMPS **ARE NOT** THE SAME AS THE REST

Italian thermal study and dissipation project

ISO 9001 procedure and controls at all levels of production and marketing

Guarantee on all the LED lamps: from 2 to 4 years!

Flexible solutions for all requirements

BASIC   PLUS   PRO   TOP

Compliance to the quality standards required by the European directives

Attention to the colour of the light and the chromatic stability

Extremely high levels of efficiency, colour rendering and duration

Constancy of colour and uniformity of all the different whites and transversal to the different types of LED lamps and independent of the chip manufacturer.
PLUS: selected inside the McAdam 4 step.
PRO and Top remain inside McAdam 2/3 step. An important advantage able to enhance even the most sophisticated lighting projects.

L70 is the indicator of the moment, in terms of hours, in which light flow reaches 70% of the nominal value and identifies the useful life of a lamp or the LED fitting. In order to achieve high L70, DURALAMP engineers its products with maximum attention to the operating temperature and to the quality to the materials in order to achieve always higher useful lifetime, coherently with the electronics feeding the LEDs.

Duralamp's staff manufacturing experience, the Duralamp employees in the manufacturing sites, ensure that the product always conforms with our high quality standards. What specified in the product datasheet, is the product of multiple technical and duration tests. In Duralamp, the technical office is the heart of the company, the guarantor of the product reliability.

Available on order: the message "Available on order" often appears in the catalogue. We've added it to offer our customers the broadest choice option. Careful though: if an article is available "on order", it means that it is not readily available in stock and only minimum quantities are available for purchase. We therefore recommend that you contact sales for further details.

DURALAMP OFFERS IMPORTANT SAFEGUARDS ON LED PRODUCTS:

LED

W

WARRANTY

WARRANTY 2 YEARS

Up to
2 years (4000h/year)*

*4000h = 11h a day x 365 days.
Without limitations on the duration of use for the first year,
provided the observance of the installation conditions.

WARRANTY 3 YEARS

Up to
3 years (4000h/year)*

*4000h = 11h a day x 365 days.
Without limitations on the duration of use for the first year,
provided the observance of the installation conditions.

WARRANTY 4 YEARS

Up to
4 years (4000h/year)*

*4000h = 11h a day x 365 days.
Without limitations on the duration of use for the first year,
provided the observance of the installation conditions.

WARRANTY 4h24

Full Guarantee
4 years (24h/24h)

h24 provides total guarantee!
The winning element for great projects.

Product quality is essential, but sometimes customers are looking for a lot more. Some of them are mostly mindful of the price, others want performance, while at other times, it's durability that convinces them to buy, or the peculiar lighting engineering features that prove a winner and conquer a project. Which is why Duralamp has decided to offer 4 product ranges, to cater to all market tiers.

BASIC

Ideal products for markets of consumers who desire a LED product and are seeking the most convenient solution in terms of its cost.

PLUS

Articles with outstanding performance and the best quality-price ratio, the best solution for the majority of applications.

PRO

Products for specific applications and top-level features, especially appreciable by industry professionals.

TOP

High quality products dedicated to specifiers. They enjoy the PROJECT GUARANTEE: performance and durability guaranteed on design specifications.

The specific guarantee that each item enjoys is clearly indicated in the catalog and is subject to compliance to the limitations of use. For details, refer to www.duralamp.it or contact the sales force.

![DURA LAMP]

Equivalences table for general lighting lamps

INCANDESCENT BULBS
(no longer on the European market)

LED

RETROFIT

25W 210lm

1000h

4W

PRISMA
15000h - 270lm/280lm

DECO LED UP
>25000h - 270lm

40W 390lm

1000h

5W

DECO LED UP
>25000h - 400lm

6W

DECO LED FLUX PLUS
>20000h - 440lm

GLS LED
FLUX PLUS
>30000h - 600lm

8W

DECO LED A60 200°
25000h - 650lm

9W

DECO LED A60 200°
25000h - 800lm

11,5W

DECO LED A60
35000h - 820lm

60W 660lm

12W

DECO LED
PLUS OMNI
30000h - 820lm

DECO LED
GLS GLASS
25000h - 760lm

75W 870lm

1000h

10W

DECO LED
A60 300°
25000h - 940lm

12W

DECO LED
A60 160°
35000h - 1100lm

GLOBO
95
25000h - 1100lm

DECO LED
A60 200°
25000h - 1100lm

13W

DECO LED
A60 300°
25000h - 1100lm

100W 1250lm

17W

DECO LED
PLUS OMNI
30000h - 1100lm

RESIDENTIAL AND HOSPITALITY ENVIRONMENTS

RESIDENTIAL AND HOSPITALITY ENVIRONMENTS

DECO LED
The decorative lamp range is significantly enriched by new power choice, dimming options and, above all, colour temperatures.

DECO LED PRISMA
New "relax", 2200K version and lots of other variants.

DECO LED GLASS
The most similar to an incandescent lamp, all in glass!

DECO LED FLUX PLUS
New 2400K, "relax" color temperature and new dimmable version.

DECO LED A60 200°
New power, new colour temperature... and dimmable version!

DECO LED A60 300°
New dimmable version.

DECO LED UP
New colour temperature: 4000K and 6000K asides from 3000K.

new   new   new   new   new   new

2200K   2400K   2700K   3000K   4000K   6000K

new
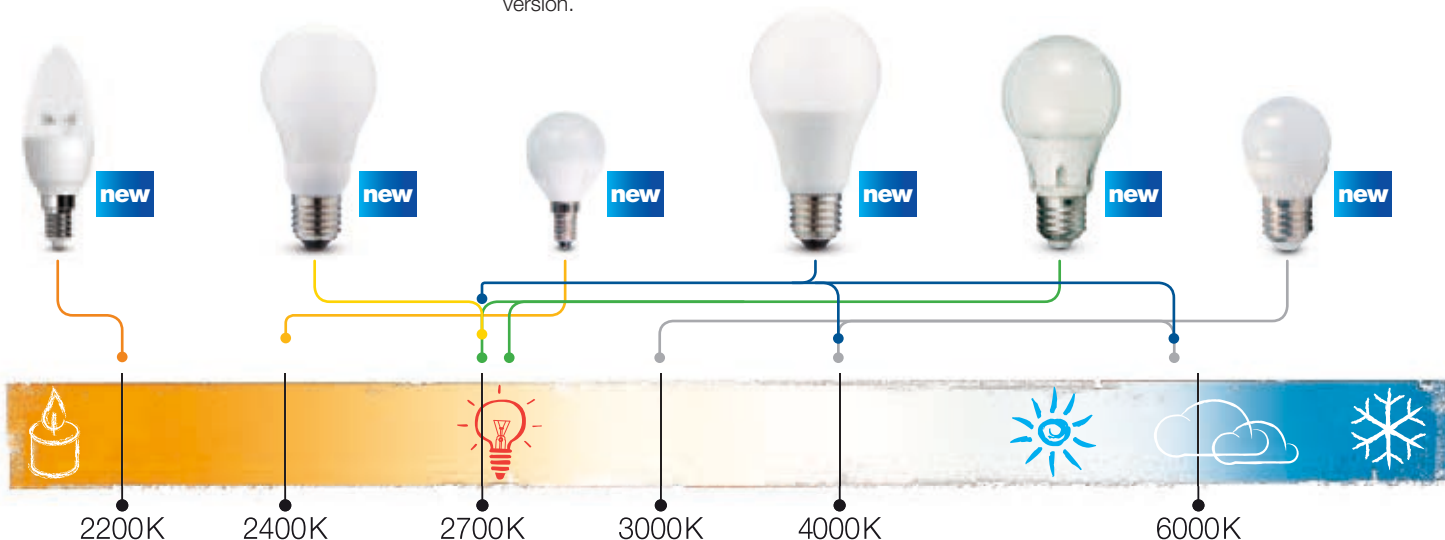
New G9 with 200 lumen emission, very lightweight and very compact.

new

REFLECT-LED
New range replacing incandescent lamps.

new

DURADISK LED
Frosted version for use under shelves, cabinets, etc.
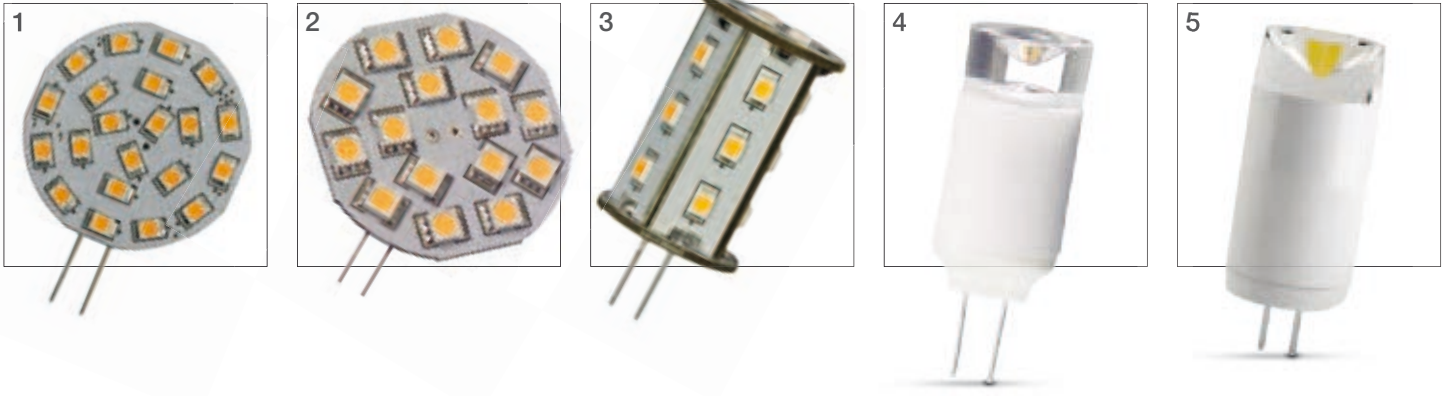
DURALED BIPIN G4

- Operating voltage 12V AC/DC.
- Same applications as halogen G4 bulbs, available with side or vertical pins for OEM lamps, and the Prisma version for visible applications.
- Extremely small size: suitable for use in very small fittings, suspensions or many arms chandeliers.
- Very low heat emission.
- Warm white light.
- Instant power on.
- Very low Energy consumption.

▶ Lifetime at least 20 times longer than incandescent lamps, with obvious reduction in maintenance costs as well as in energy consumption.

USAGE INFORMATION

- Compatible with 12V AC output electromagnetic transformers and with drivers for LEDs and with constant current drivers.
- Do not use with dimmers except where differently indicated.
- Do not use this item with electronic transformers for halogen lamps.
- Can be used with Duralamp power supply for LED Code DELT10A-12.

BASIC

LED G4 OEM BIPIN 12V AC/DC

Code	Watt	Volt	Lumen	Light tonality	⚊	PF	🔲	Photo	Ø*	L*	Barcode 80119058	📦	
01948SLD [1]	2,3	12V AC/DC	200	Warm White	180°	0,8	G4	1	35	9,3	36122	10	-
01947SLD [1]	2	12V AC/DC	197	Warm White	180°	0,8	G4	2	44	11	34159	10	-
01947TLD	3	12V AC/DC	220	Warm White	270°	0,8	G4	3	22	46	34173	10	-

* Pin dimensions excluded.

PRO

LED G4 PRISMA BIPIN 12V AC/DC

Code	Watt	Volt	Lumen	Light tonality	⚊	PF	🔲	Photo	Ø	L	Barcode 80119058	📦	
01946PLD [2]	1,5	12V AC/DC	110	Warm White	240°	0,8	G4	4	12,5	41	34265	10	-
new **01945PLD** ***	2,5	12V AC/DC	200	Warm White	200°	0,5	G4	5	16,5	42	39475	10	-

[2] Suitable for use with electronic transformers for halogen lamps from November 2014.

Ra>80	L70 30000 h	*** L70 15000 h		Ø ‖ L	Ø ‖ L	A+ A++ [1]	WARRANTY 2 YEARS*

6 — 240°

7 — 330°

PRO DURALED G9

- Working at main, no transformer needed.
- Direct replacement of G9 halogen lamps.
- Pleasant decorative design, suitable also in fittings where the lamp is visible.
- Extremely small size: suitable for use in very small fittings, suspensions or many arms chandeliers.
- Frosted cover for anti-glare effect.
- Absence of heat.

- Warm white light.
- Instant power on.
- Very low Energy consumption.
- ▶ Lifetime at least 14 times longer than incandescent lamps, with obvious reduction in maintenance costs as well as in energy consumption.

LED G9

	Code	Watt	Volt	Lumen	Light tonality	PF		Photo	Ø	L	Weight gr	Barcode 80119058	
	07112*	3	220-240	190	Warm White	0,82	G9	6	18,2	53,5	18	34272	10	-
new	**07113**	2,5	220-240	200	Warm White	0,40	G9	7	15	45	8	39246	10	-

* Lamp for special applications, can be used only in fittings with protective shield.

Ra>80

L70 15000 h

A⁺

WARRANTY 2 YEARS*

BASIC ## T26

▶ Classic shapes for immediate retro-fit of incandescent lamps in specific applications: traditional chandeliers, abat-jours, small fittings.

● Opal finish of the lamp cover, perfect replacement of opal incandescent lamps, no more available on the European market.

● Warm white light, suitable to a cozy environment.

● Extremely low energy consumption.

● L0121: suitable also inside refrigerators.

T26

Code	Watt	Volt	Lumen	Light tonality	K	🔲	Ø	L	Barcode 80119058	📦	
L0121*	2	220-240	115	Warm White	2700	E14	26	57	36542	10	-
L0121ELV	2	10-15	130	Warm White	2700	E14	26	57	36931	10	-

Ra>80 | L70 >15000 h | | Ø L | A+ | **WARRANTY 2 YEARS*** | * SUITABLE ALSO INSIDE REFRIGERATORS

BASIC ## PING BALL

▶ Classic shapes for immediate retro-fit of incandescent lamps in any decorative applications and festoons: available with E27 and B22 sockets.

● Working from mains.

● Impact-resistant globe, extremely resistant: these lamps can "bounce" if they fall on the floor.

● Extremely low energy consumption.

● Available in white light and 4 classic colors. The RGB version features a fading color loop, for pleasant coloring effects.

PING BALL

Code	Watt	Volt	Lumen	Light tonality	K	🔲	Ø	L	Barcode 80119058	📦	
L140PW	0,5	200-240	20	Cool Light	5800	E27	45	69	36566	10	-
L140PW-B22	0,5	200-240	20	Cool Light	5800	B22	45	69	36702	10	-
L140PB	0,5	200-240	-	Blue	-	E27	45	69	36573	10	-
L140PB-B22	0,5	200-240	-	Blue	-	B22	45	69	36719	10	-
L140PR	0,5	200-240	-	Red	-	E27	45	69	36580	10	-
L140PR-B22	0,5	200-240	-	Red	-	B22	45	69	36726	10	-
L140PY	0,5	200-240	-	Yellow	-	E27	45	69	36597	10	-
L140PY-B22	0,5	200-240	-	Yellow	-	B22	45	69	36733	10	-
L140PG	0,5	200-240	-	Green	-	E27	45	69	36603	10	-
L140PG-B22	0,5	200-240	-	Green	-	B22	45	69	36740	10	-

RGB PING BALL - Automatic and continuous colour rotation

Code	Watt	Volt	Light tonality	K	🔲	Ø	L	Barcode 80119058	📦	
L140PRGB	0,5	200-240	RGB	-	E27	45	69	36610	10	-
L140PRGB-B22	0,5	200-240	RGB	-	B22	45	69	36702	10	-

Ra80 | L70 >25000 h | | Ø L | A++ | **WARRANTY 2 YEARS***

IMPACT-RESISTANT PLASTIC COVERING: IT BOUNCES BUT NEVER BREAKS!

BASIC

DECO LED UP

▶ Classic shapes for immediate retro-fit of incandescent lamps in any decorative application: traditional chandeliers, abat-jours, fittings where the aestethic of the lamp is important even when the lamp is off.
● Working from mains.
● Opal finish of the lamp cover, perfect replacement of opal incandescent lamps, no more available on the European market.

● Choice of colour temperatures.
● Extremely low energy consumption.
● The body of the lamp is in thermoconductive material to optimise the heat dissipation.
● 110-132V version available upon request.

240°

ROUND LED UP

	Code	Watt	Volt	Lumen	Light tonality	K	PF			Ø	L	Barcode 80119058		
	CP4535WF	5,3	200-240	440	Warm Light	3000	0,58	S42	E14	45	80	36078	10	-
new	CP4535NF	5,3	200-240	415	Natural light	4000	0,58	S51	E14	45	80	37693	10	-
new	CP4535CF	5,3	200-240	430	Cool Light	6000	0,58	S52	E14	45	80	37709	10	-
	CP4535W7F	5,3	200-240	400	Warm Light	3000	0,58	S42	E27	45	76	36085	10	-
new	CP4535N7F	5,3	200-240	415	Natural light	4000	0,58	S51	E27	45	76	37716	10	-
new	CP4535C7F	5,3	200-240	430	Cool Light	6000	0,58	S52	E27	45	76	37723	10	-
	L017W*	3,2	200-240	270	Warm Light	3000	0,43	S42	E14	45	79	36436	10	-
new	L017N*	3,2	200-240	280	Natural light	4000	0,43	S51	E14	45	79	36962	10	-
new	L017C* (1)	3,2	200-240	290	Cool Light	6000	0,43	S52	E14	45	79	36979	10	-
	L140W*	3,2	200-240	270	Warm Light	3000	0,43	S42	E27	45	77	36474	10	-
new	L140N*	3,2	200-240	280	Natural light	4000	0,43	S51	E27	45	77	36986	10	-
new	L140C* (1)	3,2	200-240	290	Cool Light	6000	0,43	S52	E27	45	77	36993	10	-

CANDLE LED UP

	Code	Watt	Volt	Lumen	Light tonality	K	PF			Ø	L	Barcode 80119058		
	CC3735WF	5,3	200-240	440	Warm Light	3000	0,58	S42	E14	37	101	36092	10	-
new	CC3735NF	5,3	200-240	415	Natural light	4000	0,58	S51	E14	37	101	37730	10	-
new	CC3735CF	5,3	200-240	430	Cool Light	6000	0,58	S52	E14	37	101	37747	10	-
	L037W*	3,2	200-240	270	Warm Light	3000	0,43	S42	E14	37	99	36498	10	-
new	L037N*	3,2	200-240	280	Natural light	4000	0,43	S51	E14	37	99	37006	10	-
new	L037C* (1)	3,2	200-240	290	Cool Light	6000	0,43	S52	E14	37	99	37013	10	-

FLAME LED UP

Code	Watt	Volt	Lumen	Light tonality	K	PF			Ø	L	Barcode 80119058		
L151W*	3,2	200-240	270	Warm Light	3000	0,43	S42	E14	37	133	36946	10	-

Ra>80   L70   >25000 h   Ø   L   A+ A++ (1)   WARRANTY 2 YEARS*

new
COMPLETE RANGE OF COLOUR TEMPERATURES

3,2W   5,3W

* This codes are packed with Duralamp cardboard box.

3000K
WARM LIGHT

4000K
NATURAL LIGHT

6000K
COOL LIGHT

DURA LAMP

PLUS

DECO LED FLUX Plus

▶ Classic shapes for immediate retro-fit of incandescent lamps in any decorative application: traditional chandeliers, abat-jours, fittings where the aestethic of the lamp is important even when the lamp is off.
● Working from mains.
● Opal finish of the lamp cover, perfect replacement of opal incandescent lamps, no more available on the European market.
● Relax light, suitable to a cozy environment.

● Extremely low energy consumption.
● Ceramic housing for the electronic components: better heath dissipation and more safety for the user.
● 110-132V version available upon request.

GLS LED FLUX Plus

Code	Watt	Volt	Lumen	Light tonality	K	PF	∿	⊞	⊟	Ø	L	Barcode 80119058	◇	
CG6050WFP**	6	200-240	600	Warm Light	2700	0,5	S50	F83	E27	60	94	36023	10	-
CG6050D*	6	200-240	600	Warm Light	2700	0,5	S50	F83	E27	60	94	36924	10	-

* Dimmable (TRIAC, LEADING EDGE). Dimmers' list on www.duralamp.it
** Available also with B22 socket, Code CG6050-B22.

Ra>80	L70 >30000 h		*	Ø L	A+	WARRANTY 2 YEARS*	240°

ROUND LED FLUX Plus

Code	Watt	Volt	Lumen	Light tonality	K	PF	∿	⊞	⊟	Ø	L	Barcode 80119058	◇	
new **CP454024FP**	5	200-240	400	Relax white	2400	0,5	-	F83	E14	45	72	40198	10	-
CP4540WFP	5	200-240	440	Warm Light	2700	0,5	S50	F83	E14	45	76	34074	10	-
CP4540W7FP	5	200-240	440	Warm Light	2700	0,5	S50	F83	E27	45	72	34463	10	-
new **CP4540WD***	5	200-240	400	Warm Light	2700	0,5	S50	F83	E14	45	72	39314	10	-

* Dimmable (TRIAC, LEADING EDGE). Dimmers' list on www.duralamp.it

Ra>80	L70 >25000 h		*	Ø L	A+	WARRANTY 2 YEARS*

CANDLE LED FLUX Plus

Code	Watt	Volt	Lumen	Light tonality	K	PF	∿	⊞	⊟	Ø	L	Barcode 80119058	◇	
new **CC374024FP**	5	200-240	400	Relax white	2400	0,5	-	F88	E14	37	101	40204	10	-
CC3740WFP	5	200-240	440	Warm Light	2700	0,5	S50	F88	E14	37	101	34081	10	-
new **CC3740WD***	5	200-240	400	Warm Light	2700	0,5	S50	F88	E14	37	101	39321	10	-

* Dimmable (TRIAC, LEADING EDGE). Dimmers' list on www.duralamp.it

Ra>80	L70 >25000 h		*	Ø L	A+	WARRANTY 2 YEARS*

S50
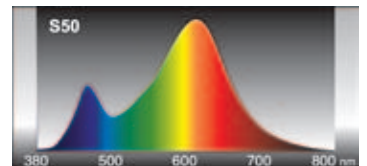
NEW, DIMMABLE AND 2400K VERSIONS

LED	TRADITIONAL LAMP
DECO LED FLUX E27 >30000h	**GLS** E27 1000h

-80% energy

5W → 40W
6W → 50W

F83
Angoli Gamma

F88
Angoli Gamma
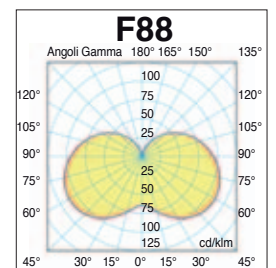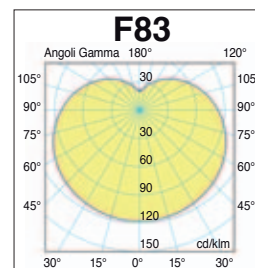
HLS Home LED Solution:
LED solutions for any application.

PLUS

DECO LED PRISMA

- Special decorative effect which reminds that of candles.
- The "incandescent lamp" effect is recreated thanks to the reflection of a special polycarbonate lens. Without sacrificing the classic atmosphere, energy saving on branched decorative appliances is ensured.
- Warm light ideal for residential and hospitality environments.
- -90% energy consumption.
- Excellent light emission.

- Ceramic casing housing the electronic components: optimization of heat dissipation and greater safety for the user.
- ▶ Lifetime at least 10 times longer than incandescent lamps, with obvious reduction in maintenance costs as well as in energy consumption.
- Blister pack, single lamp.

DECO LED PRISMA CANDLE

Code	Watt	Volt	Lumen	K	Light tonality	PF	▤	Ø	L	Barcode 80119058	▱	
CCP384WTT	4	100-240	280	2700	Warm Light	0,5	E14	38	104	32407	10	-
new CCP38422T	4	100-240	270	2200	Relax white	0,5	E14	38	104	39611	10	-

DECO LED PRISMA CANDLE - DIMMABLE

Code	Watt	Volt	Lumen	K	Finishing	PF	▤	Ø	L	Barcode 80119058	▱	
new LDL-E14-4.0-DW-CL*	4	220-240	280	2200	Clear	0,5	E14	37	104	39741	10	-
new LDL-E14-4.0-DW-OL*	4	220-240	280	2200	Opal	0,5	E14	37	104	39734	10	-

■ Dimmable down to 5% with TRIAC dimmers. Dimmers' list on www.duralamp.it

DECO LED PRISMA ROUND

Code	Watt	Volt	Lumen	K	Light tonality	PF	▤	Ø	L	Barcode 80119058	▱	
CCP453WTT	4	100-240	280	2700	Warm Light	0,5	E14	45	79	33220	10	-
CCP453W7L	4	100-240	280	2700	Warm Light	0,5	E27	45	72	33237	10	-
new CCP45322T	4	100-240	270	2200	Relax white	0,5	E14	45	79	39628	10	-

DECO LED PRISMA FLAME

Code	Watt	Volt	Lumen	K	Light tonality	PF	▤	Ø	L	Barcode 80119058	▱	
CCF373WTT	4	100-240	280	2700	Warm Light	0,5	E14	38	127	33244	10	-

Ra>80 | L70 15000 h | * | -○+ | Ø L | A+ | WARRANTY 2 YEARS*

DECO LED PRISMA CANDLE - Certificate UL - DIMMABLE

| Code	Watt	Volt	Lumen	K	Finishing	PF	▤	Ø	L	Barcode 80119058	▱	
new LDL-E12-4.0-DW-CL	4	120	280	2200	Clear	0,5	E12	37	95	-	10	-
new LDL-E12-4.0-DW-OL	4	120	280	2200	Opal	0,5	E12	37	95	-	10	-

■ Dimmable down to 5% with TRIAC dimmers. Dimmers' list on www.duralamp.it

■ Only on request. For orders with agreed upon minimum quantites E27 or E26 connections can also be produced. 1 piece packed per box.

Ra>80 | L70 15000 h | -○+ | Ø L | cULus | WARRANTY 3 YEARS*

new
2200K RELAX COLOR TEMPERATURE AND DIMMABLE VERSION

DURA LAMP

DECO LED GOCCIA GLASS

▶ The particular distribution of the LED chips inside the bulb allows to obtain a light emission particularly uniform on both axes of diffusion.

● A lamp created to meet general lighting requirements and obtain a significant energy saving at the same time.

● Immediate replacement of the widely used 75W incandescent lamps.

● Warm light ideal for residential and hospitality environments.

● Excellent light emission.

DECO LED GOCCIA GLASS

	Code	Watt	Volt	Lumen	Light tonality	K	PF	🔩	⌖	▥	Ø	L	Barcode 80119058	📦	
new	DA6071WTT	9	200-240	760	Warm White	2700	0,58	E27	300°	F122	60	116	39697	10	-

Ra>80	L70 25000 h	⊗	Ø / L	A⁺	WARRANTY 3 YEARS*

RETROFIT

-85% energy

LED	TRADITIONAL LAMP
DECO LED GLASS E27 25000h	GLS E27 1000h

9W ⟶ 75W

F122

Angoli Gamma 180° 165° 150° 135°

cd/klm
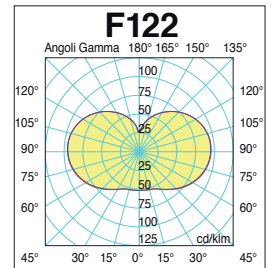
BASIC DECO LED A60 and A70

▶ A range of drop light bulbs for the immediate replacement of the incandescent, halogen, and compact fluorescent lamps.

● Choice of light colours to better integrate with the requirements of the environment in which they are used.

● Excellent light emission

DECO LED A60 160°

Code	Watt	Volt	Lumen	Light tonality	K	PF	💡	⌖	📊	Ø	L	Barcode 80119058	📦	
DA6080WTT	12	200-240	1100	Warm White	3000	0,53	E27	160°	F107	60	118	36511	10	-

Ra>80 | L70 35000 h | | Ø L | A+ | WARRANTY 3 YEARS*

F107
Angoli Gamma
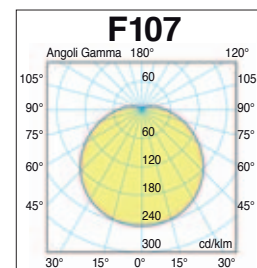
DECO LED A60 200°

Code	Watt	Volt	Lumen	Light tonality	K	PF	💡	⌖	📊	Ø	L	Barcode 80119058	📦	
new DA6082W	8	200-240	600	Warm White	2700	>0,5	E27	200°	F118	65	118	39055	10	-
new DA6082C	8	200-240	650	Cool Light	6000	>0,5	E27	200°	F118	65	118	39260	10	-
new DA6081W	10	200-240	800	Warm White	2700	>0,5	E27	200°	F118	65	118	39000	10	-
new DA6081N	10	200-240	840	Natural light	4000	>0,5	E27	200°	F118	65	118	39017	10	-
new DA6081C	10	200-240	880	Cool Light	6000	>0,5	E27	200°	F118	65	118	39024	10	-

DECO LED A70 200°

Code	Watt	Volt	Lumen	Light tonality	K	PF	💡	⌖	📊	Ø	L	Barcode 80119058	📦	
new DA7080WD*	12	200-240	1000	Warm White	2700	>0,5	E27	200°	F118	70	123	39895	10	-
new DA7080CTT	12	200-240	1100	Cool Light	6000	>0,5	E27	200°	F118	70	123	39888	10	-

* Dimmable (TRIAC, LEADING EDGE). Dimmers' list on www.duralamp.it

Ra>80 | L70 25000 h | | * | Ø L | A+ | WARRANTY 3 YEARS*

F118
Angoli Gamma

RETROFIT
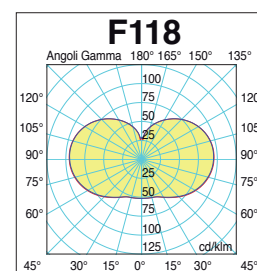
-85% energy

LED	TRADITIONAL LAMP
DECO LED A60 E27 35000h	GLS E27 1000h
12W → 100W	

new

WIDER RANGE: MORE POWERS AND COLOR TEMPERATURE CHOICE

PRO

DECO LED A60 300°

▶ The particular distribution of the LED chips inside the bulb allows to obtain a light emission particularly uniform on both axes of diffusion.

▶ A60 300° is particularly suitable for use in suspension fixtures for direct lighting thanks to its excellent frontal light output.

● A lamp created to meet general lighting requirements and obtain a significant energy saving at the same time.

● Immediate replacement of the widely used incandescent lamps.

● Warm light ideal for residential and hospitality environments.

● Excellent light emission.

DECO LED A60 300°

Code	Watt	Volt	Lumen	Light tonality	K	PF	🔲	🔆	🔲	Ø	L	Barcode 80119058	📦
DA6070WTT	10	200-240	940	Warm White	2800	0,54	E27	300°	F93	61	107	35705	10	-

Ra>80 | L70 25000 h | A+ | WARRANTY 3 YEARS* | LUMINOUS EFFICIENCY **94** lm/watt

F93
Angoli Gamma 180° 165° 150° 135°
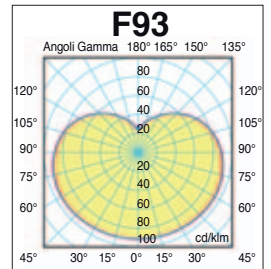
LED DECO LED A60 E27 25000h — TRADITIONAL LAMP GLS E27 1000h

-85% energy   10W → 75W

RETROFIT

DECO LED A60 300° - DIMMABLE

	Code	Watt	Volt	Lumen	Light tonality	K	PF	🔲	🔆	🔲	Ø	L	Barcode 80119058	📦
new	**DA6070WD**	13	220-240	1100	Warm White	2800	0,9	E27	300°	F120	60	108	39307	10	-

Ra>80 | L70 25000 h | - + | A+ | WARRANTY 3 YEARS* | LUMINOUS EFFICIENCY **84** lm/watt

F120
Angoli Gamma 180° 165° 150° 135°
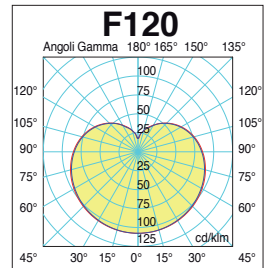
LED DECO LED A60 E27 25000h — TRADITIONAL LAMP GLS E27 1000h

-85% energy   13W → 100W

RETROFIT

CAN BE USED WITH TRIAC DIMMERS
Dimmers' list on www.duralamp.it

new

NEW DIMMABLE VERSION

PRO

DECO LED A60 - DIMMABLE

- A lamp created to meet general lighting requirements and obtain a significant energy saving at the same time.
- Immediate replacement of the widely used 60W incandescent lamps.
- Warm light ideal for residential and hospitality environments.
- Excellent light emission.
- ▶ Lifetime at least 23 times longer than incandescent lamps, with obvious reduction in maintenance costs as well as in energy consumption.
- ▪ This lamp can be used with TRIAC dimmers.
- ▪ 110-130V, not dimmable, version available upon request.

11,5W!

DECO LED A60 DIMMABLE

Code	Watt	Volt	Lumen	Light tonality	K	PF				Ø	L	Barcode 80119058	
DA6060WTT	11,5	200-240	820	Warm White	2700	0,67	E27	150°	F63	60	118	33350	10	-

| Ra>80 | L70 35000 h | - ⊙ + | Ø L | A ▶ | WARRANTY 3 YEARS* | CAN BE USED WITH TRIAC DIMMERS Dimmers' list on www.duralamp.it |

RETROFIT

-80% energy

LED	TRADITIONAL LAMP
DECO LED A60 E27 35000h	**GLS** E27 1000h

11,5W ⟶ 60W

F63

Angoli Gamma 180°

ON   OFF

OMNI is a lamp with a strong visual impact thanks to its attractive, cutting-edge design; a "balloon" of light floating above a heat-dissipating lamellar structure. This design allows the coloured diffuser to emit 330° warm and perfectly even light.
This emission uniformity makes it a state of the art lamp, ideal for use in appliances that are enhanced by the light beam uniformity.

PRO DECO LED PLUS OMNI DIMMABLE

▶ Remote phosphor technology for uniform light flux and an anti-glare diffuser with a very unusual shape: OMNI emits 330° light with extraordinary effects.

▶ A true piece of design that can immediately replace incandescent lamps even in open appliances with visible lamps.

▶ PLUS OMNI replaces a 60W and 100W incandescent lamp.

● Warm light ideal for residential and hospitality environments.

● -90% energy consumption.

● Excellent colour rendering: >80.

● Anodized steel body with epoxy paint and glossy finish. The special design of the lamp body makes it possible to obtain a wide dissipation surface.

▶ Lifetime at least 30 times longer than incandescent lamps, with obvious reduction in maintenance costs as well as in energy consumption.

▶ 110V version available upon request.

DECO LED PLUS OMNI DIMMABLE

Code	Watt	Volt	Lumen	Light tonality	K	PF	💡	🔆	Ø	L	Barcode 80119058	📦	
DA6060RPH	12	200-240	820	Warm White	2700	0,93	E27	330°	60	110	34036	10	-
DA60100RPH	17	200-240	1100	Warm White	2700	0,7	E27	330°	60	120	34487	10	-

Ra>80	L70 30000 h	Ø L	A	WARRANTY 3 YEARS*	CAN BE USED WITH TRIAC DIMMERS Dimmers' list on www.duralamp.it

Light output of a 100W decorative halogen lamp.
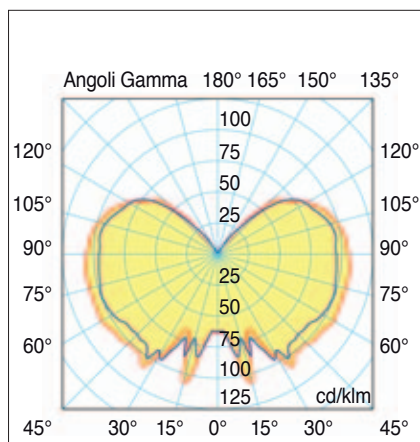
DECO LED PLUS light output: the excellent emission distribution is perceived immediately.
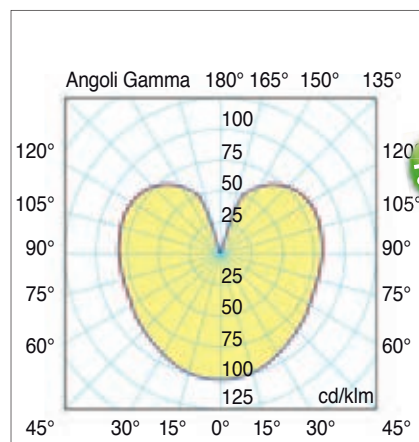
LED | TRADITIONAL LAMP
DECO LED OMNI E27 30000h | **GLS** E27 1000h
-80% energy
12W ⟶ 60W
17W ⟶ 100W

The emission lobe is much "cleaner" than that of filament lamps. This element characterizes this lamp for use in design fittings that are enhanced by the uniformity of the light beam.

BASIC

GLOBE 95

- The pleasant shape of this globe makes it perfect for any type of domestic environment, but it is also suitable for shops, restaurants, etc.
- A lamp created to meet general lighting requirements and obtain significant energy saving at the same time.

- Excellent light emission, which can replace a 100W incandescent globe or a 20W energy saving fluorescent lamp.

GLOBE 95

Code	Watt	Volt	Lumen	Light tonality	K	PF				Ø	L	Barcode 80119058	
DG0357	12	220-240	1100	Warm White	2800	0,93	E27	240°	F103	95	127	36696	10	-

Ra 80	L70 20000 h		Ø L	A+	WARRANTY 2 YEARS*

RETROFIT

-88% energy

LED	TRADITIONAL LAMP	CFL
GLOBE 95 E27 25000h	**GLOBE** E27 1000h	**GLOBE** E27 20000h
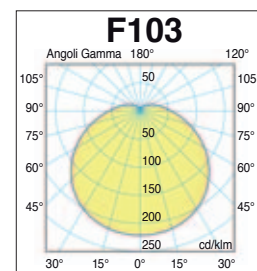
10W → 100W → 20W

F103

Angoli Gamma 180°   120°
105°   105°
90°   90°
75°   75°
60°   60°
45°   45°
50
50
100
150
200
250 cd/klm
30° 15° 0° 15° 30°

DURA LAMP

new

Reflect-LED same shapes and usage of incandescent lamps R39, R50, R63 and R80 with performance far beyond those or even energy saving halogen's.

| 3W= R39 | 6W= R50 | 9W= R63 | 12W= R80 |

REFLECT-LED

- Immediate replacement of incandescent decorative lamps: same shape of R39, R50, R63 and R80.
- Warm light ideal for residential and hospitality environments.
- Energy saving more than 90%.
- Excellent light emission.

▶ Lifetime at least 24 times longer than incandescent lamps, with obvious reduction in maintenance costs as well as in energy consumption.

REFLECT-LED

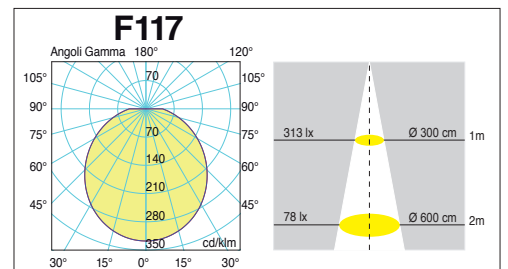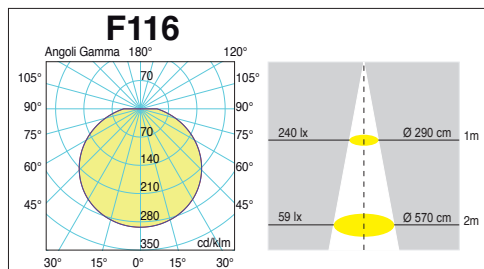|	Code	Watt	Volt	Lumen	K	Axis cd	⚹	PF	🔆	💡	Ø	L	Barcode 80119058	📦	
new	**L615W** [1]	3	220-240	250	2700	95	110°	0,45	F113	E14	39	65	39437	10	-
new	**L645W**	6	220-240	470	2700	160	110°	0,55	F115	E14	50	86	39444	10	-
new	**L636W**	9	220-240	810	2700	240	110°	0,55	F116	E27	63	106	39451	10	-
new	**L758W**	12	220-240	1055	2700	315	110°	0,86	F117	E27	80	115	39468	10	-

| Ra>80 | L70 25000 h | | Ø L | A+ A++ [1] | WARRANTY 2 YEARS* |

new

NEW HIGH PERFORMING RANGE

F113
Angoli Gamma
91 lx — Ø 280 cm — 1m
23 lx — Ø 560 cm — 2m

F115
Angoli Gamma
156 lx — Ø 290 cm — 1m
39 lx — Ø 580 cm — 2m

F116
Angoli Gamma
240 lx — Ø 290 cm — 1m
59 lx — Ø 570 cm — 2m

F117
Angoli Gamma
313 lx — Ø 300 cm — 1m
78 lx — Ø 600 cm — 2m
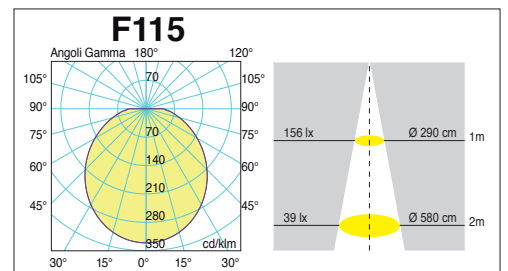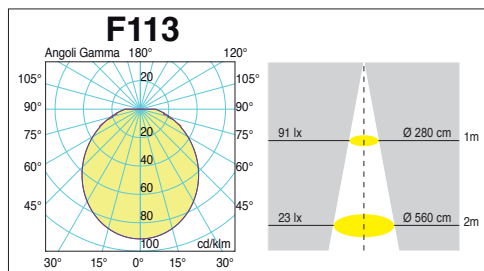
HLS Home LED Solution:
LED solutions for any application.

BASIC

DURADISK LED

- GX53 LED lamp with visible chips, for a strong visual impact.
- Working from mains, no transformer required.
- Compact and flexible to use: only 2.5 cm thick.
- ▶ Ideal applications: recessed inside shelves of just 2.9 cm, under wall cupboards, walkways, etc..
- ▶ No problems of contact with wood due to the heat (as in the case of dichroic lamps); no transformers to hide.
- ▶ Triple mounting options: surface, flush recessed, semi-recessed.
- ▶ Finishing bezels available.
- Fuse for mains protection.
- Working position: universal.
- Working Temperature: -25 +40°C.
- Extra Long Life.
- Do not use with dimmers.

DURADISK LED

	Code	Watt	Volt	Lumen	Light tonality	K	⊼	PF	Ø	L	L1	Weight gr	Barcode 80119058	⬙	
	DK03NW	4	100-240	300	Natural light	4000	180°	0,4	75	25	15	44	34111	10	-
new	**DK05NW**	7	220-240	500	Natural light	4000	150°	0,5	75	27	16	75	39079	10	-

Ra >80   L70 25000 h   A+   WARRANTY 2 YEARS*

new
NEW HIGHER POWER FROSTED VERSION

DURA LAMP

PLUS

PAR56 LED WHITE LIGHT - 12Vac

- Screw terminals.
- Operating Voltage: 12V, 50Hz (electromagnetic transformer).
- ▶ For external and underwater applications inside suitable fittings.
- ▶ Material resistant to chlorine and swimming pool additives.
- ▶ Light shade: cold white.
- Working position: universal.
- ▶ Very low heat emission.

- Working Temperature: -25 +40°C.
- Extra Long Life.
- ▶ Can be used as a retrofit to traditional PAR56.
- Plastic and aluminum body. Equipped with a silicon gasket to ensure perfect adhesion to the watertight device.
- ▶ For swimmingpools, fountains and external applications.
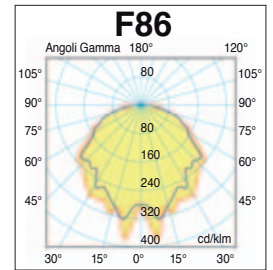- Max depth underwater: 1.0 mtr.

PAR56 LED WHITE LIGHT FOR OUTDOOR AND SWIMMINGPOOL USE

Code	Watt	Volt	Light tonality	Lumen	⊼	▯	▤	Ø	L	Barcode 80119058	▱	
12PAR56CWLED	22	12AC	Cool Light	1100	110°	F86	screw	177	110	34012	6	-

LED: **18** 20000 h A

WARRANTY 2 YEARS*

F86

Angoli Gamma 180° 120°
105° 80 105°
90° 90°
75° 80 75°
60° 160 60°
240
45° 320 45°
400 cd/klm
30° 15° 0° 15° 30°

PAR56 LED COLOUR CHANGER - 12Vac

- Screw terminals.
- Operating Voltage: 12V, 50Hz (electromagnetic transformer).
- ▶ For external and underwater applications inside suitable fittings.
- Plastic and aluminum body. Equipped with a silicon gasket to ensure perfect adhesion to the watertight device.
- ▶ White or coloured light: static or dynamic emission of a colour sequence.
- Working position: universal.
- Working Temperature: -25 +40°C.

- ▶ Can be used as a retrofit to traditional PAR56.
- The lamp can be adjusted to 22 different colour settings. The lamp, as well as the color sequences, can be turned on and off from the lamp's normal on/off switch (each double click of the switch corresponds to a change), or it is possible to use a small, elegant radio remote control.
- The radio remote control needs an externally positioned receiver (out of the water) to control the lamps.
- For swimmingpools, fountains and external applications.
- Max depth underwater: 1.0 mtr.

PAR56 LED COLOUR CHANGER FOR OUTDOOR AND SWIMMINGPOOL USE

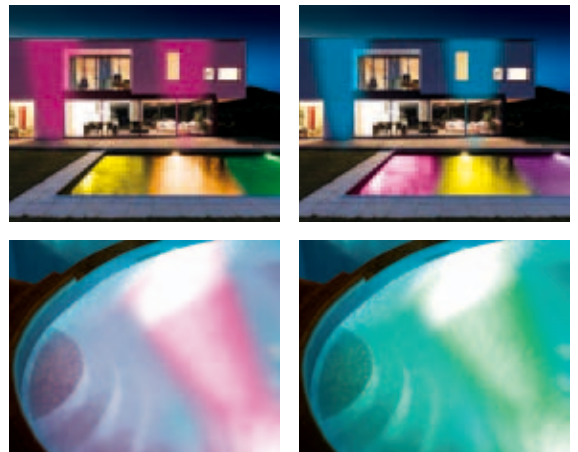| Code	Watt	Volt	Light tonality	⊼	▤	Ø	L	L1	L2	Barcode 80119058	▱	
12PAR56LED	20	12	RGB	2x15°	screw	177	110	-	-	26215	6	-
RCT00001	Remote control for LED PAR56					-	-	-	-	30410	1	-
RCV00001	Receiver for remote control for LED PAR56					-	91	70	50	30427	1	-

LED: **18** 20000 h

WARRANTY 2 YEARS*

Receiver and remote control for LED PAR56

- One remote control can activate several receivers, for example, the receiver for the swimming pool or park lights, or it can be used to open the gate, awnings, etc.
- 4 lamps distributed on two parallel outlets can be connected to each receiver.
- The maximum distance between the remote control and the receiver is 80-100 meters in free air conditions without obstructions.
- The remote control works with a 3V CR2032 type lithium battery which is provided.
- The remote control and receiver are available with separate codes.

For outdoor and under water use.

Equivalence table for directional lamps

HALOGEN **LED**

RETROFIT

HALOGEN	LED		

20W | 2W
2000h

MR11
>15000h

35W | 5W
2000h

VINTAGE
>15000h

LED DE S
30000h

5,5W

6W

MULTI100WIDE
30000h

MATRIX
50000h

CTA-DIM
1600K   2700K

50W | 7,5W
2000h

MATRIX
50000h

8W

LED DE S
30000h

75W | 6,5W
2000h

SIRIUS
25000h

8W

LED DE S
30000h

9W

**MODULO
LED DE-P**
30000h

100W | 8W
2000h

LED DE S
30000h

50W | 10W
2000h

DR111 REFLECTOR ADV
35000h

11W

DR111 SF
25000h

12W

DR111 AIR
>15000h

75W | 15W
2000h

DR111 REFLECTOR ADV
30000h

15W

DR111 AIR-Evo
>45000h

50W | 7W

PAR20 - Altair
>15000h

75W | 11W

PAR30 - Altair
>15000h

100W | 16W
2000h

PAR38 - Altair
>15000h

FOR DOMESTIC AND DESIGN APPLICATIONS

GU10 VINTAGE
New beam openings
for the LED lamp that really
is a "perfect replacement"
for the halogen lamp.

MR11
The smallest of the
halogen lamps now with
reflectors also in LED
version.

**MULTI 100WIDE
SIRIUS
DE-S**
New choices in power,
beam, colour temperature.

MATRIX CTC DIMMABLE:
Color Temperature Adjustable
Dimming! With a TRIAC or leading
edge dimmer, it dims and it
changes color temperature from
2700K to 1600K! A lamp that will
make lighting designers happy!

1600K   1800K   2700K

We have all the pieces!

	MR11	MULTI100WIDE	VINTAGE	DE S	MATRIX	SIRIUS
ANTIGLARE				✖	✖	
DICHROIC EFFECT			✖	✖	✖	
REFLECTOR			✖			✖
SOFT LIGHT		✖				
LED SMD		✖				
LED COB			✖	✖	✖	✖
Beam	30°	100°	30°/50°	38°	50°/35°	38°
Dimmable				✖	✖	✖
Compatible with ZKRxxx rings	✖	✖	✖	✖	✖

110-130V lamps might be available upon request.

BASIC | MR11

- Same shape of a halogen MR11.
- Aluminium body.
- Unique design of the heat sink improves the efficiency of heat dissipation.
- Working position: universal.
- Working temperature: -25° +40°C.

USAGE INFORMATION

- Compatible with 12V AC output electromagnetic transformers and with constant voltage drivers for LEDs.
- Do not use this item with electronic transformers for halogen lamps.
- Do not use with dimmer.
- Can be used with Duralamp power supply for LED, please see specific indications at the relevant page.

MR11

	Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⏚	PF (AC)			Ø	L	Barcode 80119058	
new	**L1211W**	2	12V DC/AC	140	Warm Light	3000	360	30°	0,73	F114	GU4	35	36	39086	10	-

Ra>80 | L70 >15000 h | | Ø L | A⁺ | WARRANTY 2 YEARS*

F114
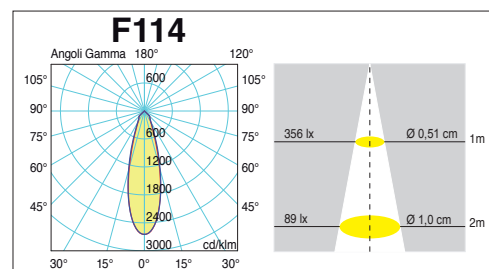
20W   2W

POWER SAVINGS
IN A BUSINESS
WITH 20 LIGHT POINTS:

$$20W \times 20 = 400W$$
$$2W \times 20 = 40W$$
$$= -90\% \text{ ELECTRIC CONSUMPTION!}$$

NO MAINTENANCE REQUIRED

new

MINI LAMP WITH
REFLECTOR: WARM LIGHT
FOR SMALL AMBIENTS

Highly reduced dimensions. No heat: suitable for perishable goods.

BASIC

PAR16 VINTAGE

- Same dimensions and materials as a halogen GU10: glass body and dichroic effect of the light emission even on the reflector rear.
- Using high efficiency last generation LED.
- A powerful lamp which allows replacement of a 35W halogen offering an energy saving of more than 80%.
- Fuse for mains protection.

- Working position: universal.
- Working temperature: -25° +40°C.

USAGE INFORMATION
- Do not use with dimmer.

PAR16 VINTAGE

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⬡	PF (AC)			Ø	L	Barcode 80119058		
L1212G	4	220-240	300	Warm Light	3000	535	30°	0,53	F104	GU10	50	52	36627	10	-
new **L1212NW** (1)	4	220-240	345	Natural light	4000	615	30°	0,53	F104	GU10	50	52	37884	10	-
new **L1213G**	4	220-240	300	Warm Light	3000	300	50°	0,53	F121	GU10	50	52	37907	10	-
new **L1213NW** (1)	4	220-240	360	Natural light	4000	310	50°	0,53	F121	GU10	50	52	37914	10	-

Ra>80 | L70 >15000 h | Ø L | A+ A++ (1) | **WARRANTY 2 YEARS***

SAME APPEARANCE AND DIMENSIONS AS THE HALOGEN LAMP
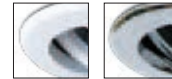
White or chrome color?
Recessed rings available at the Accessory page
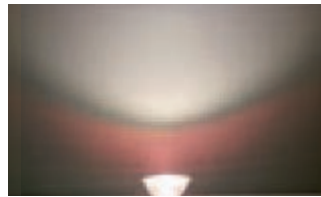
EXTREMELY REALISTIC DICHROIC EFFECT

F104

Angoli Gamma 180°

535 lx Ø 0,48 cm 1m
133 lx Ø 0,95 cm 2m

F121

Angoli Gamma 180°
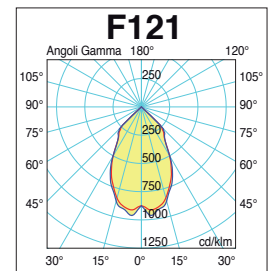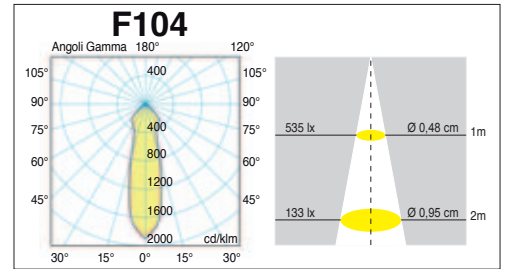
BASIC

MULTI 100WIDE

- Using new generation SMD technology LED.
- Working from mains.
- Opal finish of the lamp cover.
- Ceramic housing for the electronic components: better heath dissipation and more safety for the user.
- Extremely low energy consumption.

USAGE INFORMATION
■ Do not use with dimmer.

MULTI 100WIDE

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⌀ beam	PF (AC)			⌀	L	Barcode 80119058	📦	
28527	5,5	220-240	420	Warm Light	2800	170	100°	0,50	F95	GU10	50	54	36030	10	-
new 28627	6	220-240	500	Warm Light	2800	210	100°	0,50	F95	GU10	50	51	39093	10	-
28560	5,5	220-240	420	Cool Light	6000	170	100°	0,50	F95	GU10	50	54	36047	10	-
new 28660	6	220-240	500	Cool Light	6000	210	100°	0,50	F95	GU10	50	51	39109	10	-

Ra>80 · L70 30000 h · A+ · WARRANTY 2 YEARS*
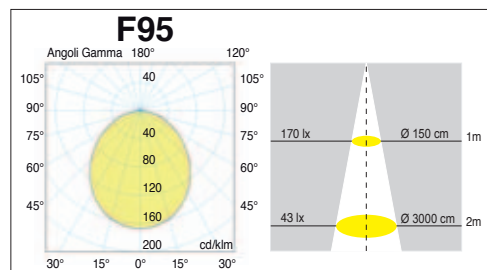
F95

Angoli Gamma

170 lx — Ø 150 cm — 1m
43 lx — Ø 3000 cm — 2m

PLUS

SIRIUS

- Standard size lamp, using high efficiency COB technology.
- Using high efficiency last generation LED.
- A powerful lamp which allows replacement of a 50W halogen offering an energy saving of more than 80%.
- Mains and extra low voltage versions.
- Multi-faceted optic for perfect optical control; protective front screen.
- Working position: universal.
- Working temperature: -25° +40°C.
- High thermal transmission resin body for increased safety.

▶ Perfect for immediately replacing dichroic lamps where powered by an electromagnetic transformer.

USAGE INFORMATION

- ■ Compatible with 12V AC output electromagnetic transformers and with constant voltage drivers for LEDs.
- ■ Do not use this item with electronic transformers for halogen lamps.
- ■ Do not use with dimmer (except where differently specified).
- ■ Can be used with Duralamp power supply for LED, Code DELT20A-12 and DELT50A-12, please see specific indications at the relevant page.

MR16 SIRIUS - 12V DC/AC 50Hz

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⊼	PF (AC)	〽	🔩	Ø	L	Barcode 80119058	📦	
39627	6	12	420	Warm White	3000	520	38°	0,72	F98	GU5,3	50	52	36160	10	-
39660	6	12	462	Cool Light	6000	572	38°	0,72	F99	GU5,3	50	52	36634	10	-

✓ CAN BE USED WITH DURALAMP DRIVERS, PLEASE SEE THE RELEVANT PAGE

PAR16 SIRIUS 220-240V

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⊼	PF (AC)	〽	🔩	Ø	L	Barcode 80119058	📦	
38627	6,5	220-240	500	Warm White	3000	620	38°	0,57	F98	GU10	50	57,5	36146	10	-
new 38640	6,5	220-240	530	Natural light	4000	640	38°	0,57	F98	GU10	50	57,5	38485	10	-
38660	6,5	220-240	550	Cool Light	6000	690	38°	0,57	F99	GU10	50	57,5	36153	10	-

LED EPISTAR	Ra>80	L70 30000 h		Ø L		

A+

WARRANTY 2 YEARS*

F98
Angoli Gamma 180° 120°
cd/klm

F99
Angoli Gamma 180° 120°
cd/klm
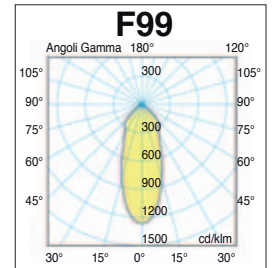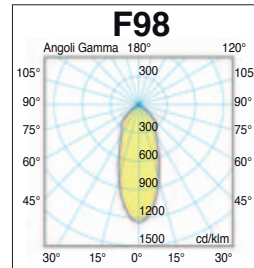
PAR16 SIRIUS 220-240V - DIMMABLE

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⊼	PF (AC)	〽	🔩	Ø	L	Barcode 80119058	📦	
38627D	6,5	220-240	480	Warm White	3000	590	38°	0,55	F100	GU10	50	57,5	36641	10	-

LED EPISTAR	Ra>80	L70 25000 h		Ø L

A+

WARRANTY 2 YEARS*

CAN BE USED WITH TRIAC DIMMERS
Dimmers' list on www.duralamp.it

LED	TRADITIONAL LAMP
SIRIUS GU10 25000h	**DICHROIC** GU10 2000h

-87% energy

6,5W → 70W

F100
Angoli Gamma 180° 120°
cd/klm
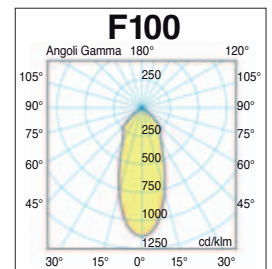
LED DE S - Dichroic Reflector Effect

8W!

- Employing LED high power LED.
- Warm colour temperature.
- Mains and extra low voltage versions.
- Fuse for mains protection.
- Working position: universal.
- ▶ LED DE is particularly appreciated for the dichroic effect of the reflector. It is then a LED lamp that looks like a halogen dichroic!
- ▶ GU10 base version: working at mains, no transformer needed.
- ▶ GU5,3 base: operating voltage 12V DC/AC.

▶ Perfect for immediately replacing dichroic lamps where powered by an electromagnetic transformer.

USAGE INFORMATION

- ■ Compatible with 12V AC output electromagnetic transformers and with constant voltage drivers for LEDs.
- ■ Do not use this item with electronic transformers for halogen lamps.
- ■ Can be used with Duralamp power supply for LED, please see specific indications at the relevant page.
- ■ Do not use with dimmer (except where differently specified).

MR16 LED DE S - Dichroic Reflector Effect 12V DC/AC

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⌁	PF (AC)			Ø	L	Barcode 80119058	
09530	5	12V DC/AC	420	Warm White	3000	673	38°	0,75	F71	GU5,3	50	70	33558	10	-
09730	8	12V DC/AC	710	Warm White	3000	1100	38°	0,75	F72	GU5,3	50	81,5	33565	10	-

✓ CAN BE USED WITH DURALAMP DRIVERS, PLEASE SEE THE RELEVANT PAGE

PAR16 LED DE S - Dichroic Reflector Effect 220-240V

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⌁	PF (AC)			Ø	L	Barcode 80119058	
09630	5	220-240	394	Warm White	3000	621	38°	0,70	F71	GU10	50	75	33589	10	-
09830*	8	220-240	470	Warm White	3000	1334	38°	0,42	F72	GU10	50	90	33572	10	-

* To be discontinued.

LED SHARP	Ra>80	L70 30000 h		Ø L	A+	WARRANTY 2 YEARS*

PAR16 LED DE S - Dichroic Reflector Effect 220-240V DIMMABLE

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⌁	PF (AC)			Ø	L	Barcode 80119058	
new 09630D	5	220-240	400	Warm White	3000	655	38°	0,60	-	GU10	50	75	38478	10	-
09830D	8	220-240	750	Warm White	3000	1229	38°	0,70	F96	GU10	50	87	36184	10	-

LED SHARP	Ra>80	L70 30000 h	-+	Ø L	A+

White or chrome color?
Recessed rings available at the Accessory page

WARRANTY 2 YEARS*

LED	TRADITIONAL LAMP
LED DE GU10 30000h	**DICHROIC** GU10 2000h

-92% energy

5W → 50W
8W → 100W

CAN BE USED WITH TRIAC DIMMERS
Dimmers' list on www.duralamp.it

5000K COLD LIGHT, AVAILABLE UPON REQUEST

DE DICHROIC EFFECT

F71
Angoli Gamma 180° 120°
105° 90° 75° 60° 45° 30° 15° 0° 15° 30°
400 400 800 1200 1600 2000 cd/klm
673 lx — Ø 68 cm — 1m
168 lx — Ø 135 cm — 2m

F72
Angoli Gamma 180° 120°
105° 90° 75° 60° 45° 30° 15° 0° 15° 30°
400 400 800 1200 1600 2000 cd/klm
1100 lx — Ø 80 cm — 1m
275 lx — Ø 160 cm — 2m

F96
Angoli Gamma 180° 120°
105° 90° 75° 60° 45° 30° 15° 0° 15° 30°
400 400 800 1200 1600 2000 cd/klm
1229 lx — Ø 75 cm — 1m
307 lx — Ø 150 cm — 2m

DURA LAMP

TOP
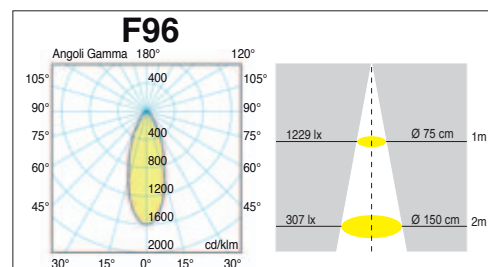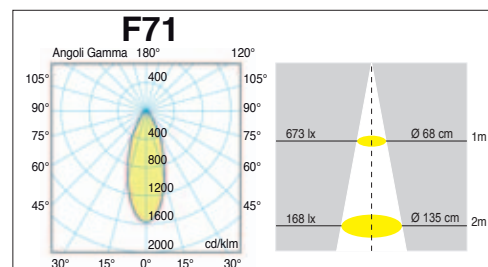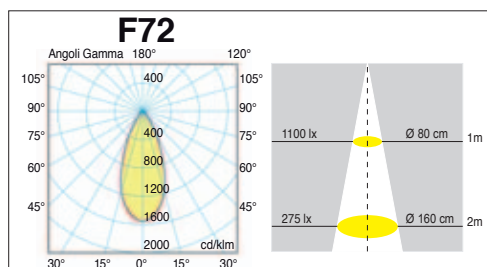
MATRIX

- Using high efficiency last generation LED.
- This powerful lamp can replace a 50W halogen bulb with energy savings of over 80%.
- Mains and extra low voltage versions.
- Polycarbonate optics with a diffused surface for a smooth effect.
- Fuse for mains protection.
- Working position: universal.
- Working temperature: -25° +40°C.
- Aluminium body.
- Unique design of the heat sink improves the efficiency of heat dissipation.

▶ Perfect for immediately replacing dichroic lamps where powered by an electromagnetic transformer.

USAGE INFORMATION

- Compatible with 12V AC output electromagnetic transformers and with drivers for LEDs.
- Can be used with transformers for halogen lamps.
- MR16 12V: usable with dimmer as shown on the site.
- Can be used with Duralamp power supply for LED, please see specific indications at the relevant page.
- The full list of compatible transformers is available at www.duralamp.it

MR16 MATRIX - 12V DC/AC 50Hz - DIMMABLE

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⌧	PF (AC)			Ø	L	Barcode 80119058	
PJ535D35*	5,5	12	350	Warm White	3000	456	50°	0,6	F82	GU5,3	50	50	34241	10	-
PJ537D55	7,5	12	590	Warm White	3000	1092	38°	0,6	F87	GU5,3	50	50	34333	10	-

Can be used with DALI dimmers, ZKCDA and ZKC1-10. * Dimmable only with approved drivers.

5,5W LED SAMSUNG	7,5W LED COB CREE	Ra>85	L70 40000 h	-◯+	Ø L	A+	WARRANTY 4h24*

PAR16 MATRIX 220-240V

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⌧	PF (AC)			Ø	L	Barcode 80119058	
PJ105N35	5,5	220-240	350	Warm White	3000	456	50°	0,7	F82	GU10	50	61	34258	10	-

LED SAMSUNG	Ra>85	L70 50000 h		Ø L	A+	WARRANTY 4h24*

PAR16 MATRIX 220-240V - DIMMABLE

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⌧	PF (AC)			Ø	L	Barcode 80119058	
PJ107D55	7,5	220-240	550	Warm White	3000	847	38°	0,7	F87	GU10	50	58	34340	10	-
PJ107NW	7,5	220-240	560	Natural light	4000	940	38°	0,92	F87	GU10	50	58	36429	10	-

LED COB CREE	Ra>85	L70 50000 h	-◯+	Ø L	A+

LED	TRADITIONAL LAMP
MATRIX GU10 50000h	**DICHROIC** GU10 2000h

-80% energy

5,5W → 35W
7,5W → 50W

CAN BE USED WITH TRIAC LEADING EDGE AND TRAILING EDGE DIMMERS
Dimmers' list on www.duralamp.it

WARRANTY 4h24*

F82

Angoli Gamma 180° 120°
105° 90° 75° 60° 45°
300 300 600 900 1200 1500 cd/klm
30° 15° 0° 15° 30°

456 lx — Ø 92 cm 1m
114 lx — Ø 184 cm 2m

F87

Angoli Gamma 180° 120°
105° 90° 75° 60° 45°
150 150 300 450 600 750 cd/klm
30° 15° 0° 15° 30°

680 lx — Ø 66 cm 1m
170 lx — Ø 132 cm 2m
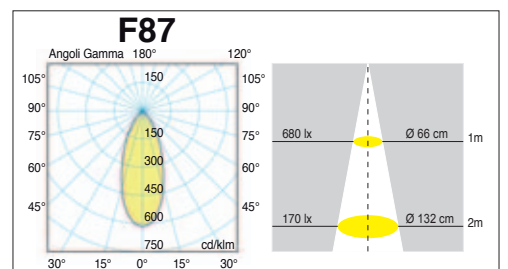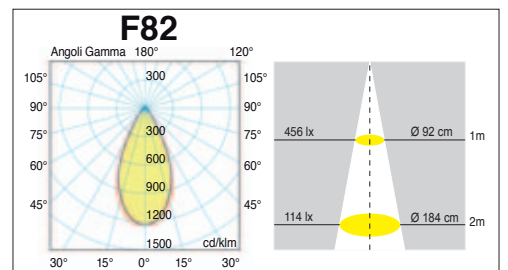
PROJECT WARRANTY

The products range TOP benefit also of the guarantee on service life and performance. The guarantee can be requested on individual projects and / or installations.

TOP

MATRIX CTA-DIM - Color Temperature Adjustable Dimming

- CTA-DIM technology perfectly emulates the color tones of halogens; when dimmed it gradually transforms a bright soft tone color, at its highest colour temperature, to a warm flame colour tone at its lowest temperature. (2700K to 1600K CCT). Exactly as it used to happen with halogen or incandescent lamps.

- Aluminum alloy body with unique thermal management design.

- While dimming it keeps very high color rendering, from Ra98 when not dimmed to Ra85 at 1600K.

- Same dimensions of halogen lamps for a perfect replacement.

- Dimming 100-0% with leading and trailing edge dimmers (see datasheet on the website).

- Fantastic color perception.
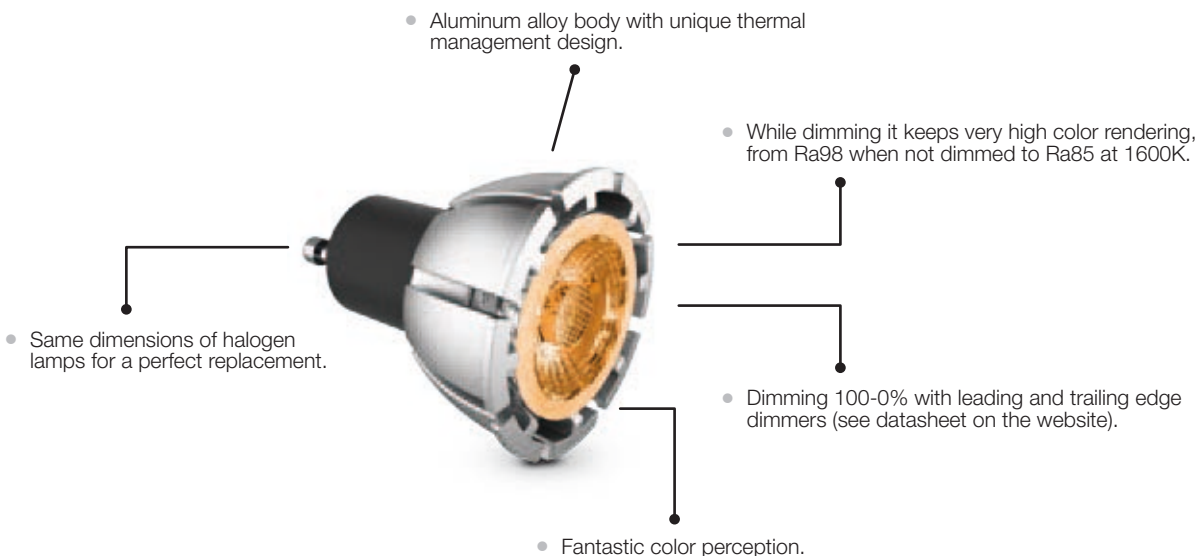
CTA-DIM dim it and it changes color temperature as low as 1600K, very cozy!

1600K   1800K   2700K

S53

1600K   1800K   2700K
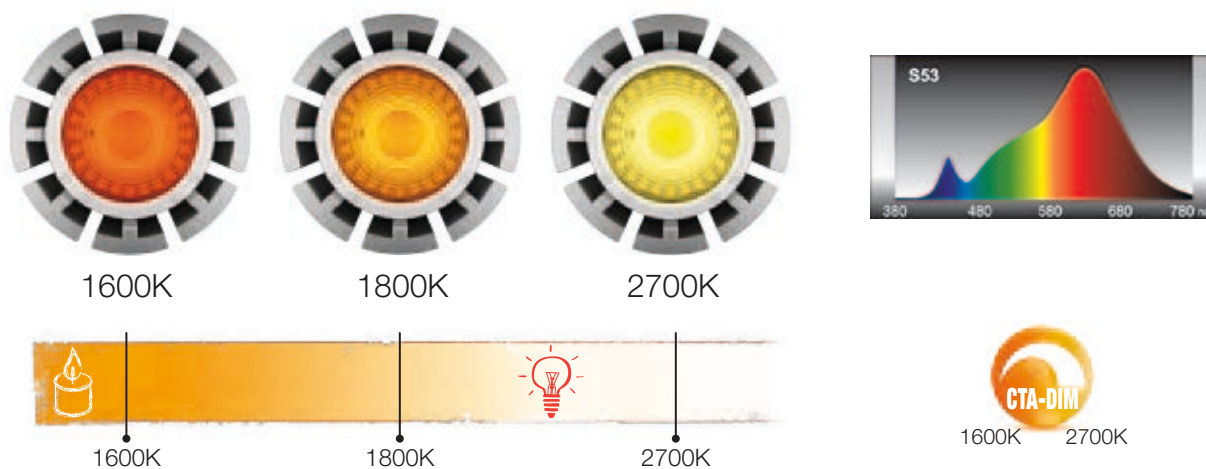
CTA-DIM
1600K   2700K

PAR16 MATRIX - CTA-DIM

	Code	Watt	Volt	Lumen	K	Axis cd	⌀̸	PF (AC)				Ø	L	Barcode 80119058	
new	**PJ107CTA**	7	220-240	380	1600/2700	580	38°	0,9	S53	-	GU10	50	58	39901	10	-

■ Only upon order. 110V version available upon request.

Ra>90	L70 50000 h	- ⟳ +	⌀ L	A	WARRANTY 4h24*	CAN BE USED WITH TRIAC DIMMERS Dimmers' list on www.duralamp.it

DURA LAMP

DR111 LED REFLECTOR ADV

- Using High Power SHARP LEDs.
- Mains and extra low voltage versions.
- Warm white colour temperature.
- Extremely high color rendering: Ra>80.
- Fuse for mains protection.
- Working position: universal.
- Unique design of the heat sink: improves the efficiency of heat dissipation.
- ▶ Reflector Effect: coverage of the light source makes these lamps similar to traditional halogen sources they are intended to replace.
- ▶ The special source position, opposite to the reflector, ensures the anti-glare effect and perfect diffusion of the light beam, with no grey areas.
- ▶ This item is the perfect solution for application in museums, art galleries and top shop windows thanks to high colour rendering and the absence of infrared or ultraviolet light emission.

- ▶ GU10 base version: working at mains, no transformer needed.
- ▶ G53 base: operating voltage 12V DC/AC.

USAGE INFORMATION

- ■ Compatible with 12V AC output electromagnetic transformers and with drivers for LEDs.
- ■ 12V Version: do not use with dimmers.
- ■ Can be used with electronic transformers for halogen lamps.
- ■ Can be used with Duralamp power supply for LED, please see specific indications at the relevant page.
- ■ Maximum load should not exceed 55% of the rated power of the transformer.
- ■ 220-240V 10W version: can be used with TRIAC dimmers.
- ■ Can be used with TRIAC dimmers. Dimmers' list on www.duralamp.it

DR111 LED REFLECTOR ADV - G53

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⊿	PF (AC)	▦	▤	Ø	L	Barcode 80119058	▧	
08078	10	12V AC/DC	479	Warm White	3000	3817	24°	0,7	F64	G53	111	81	33404	4	-
08076*	10	12V AC/DC	540	Warm White	3000	2000	35°	0,7	F108	G53	111	81	35453	4	-
08079	15	12V AC/DC	759	Warm White	3000	5585	24°	0,7	F80	G53	111	67	34210	4	-
08080*	15	12V AC/DC	808	Warm White	3000	2273	35°	0,7	F81	G53	111	67	34227	4	-

■ DR111 REFLECTOR ADV 10W with 12° opening is available upon request.

* Available on order.

LED SHARP	Ra>80	L70 40000 h		Ø ↕ L	A	WARRANTY 3 YEARS*

✓ CAN BE USED WITH DURALAMP DRIVERS, PLEASE SEE THE RELEVANT PAGE

LED	TRADITIONAL LAMP
DR111 LED REFLECTOR G53 40000h	**DR111** G53 2000h
10W → 50W	
15W → 75W	

-80% energy

CAN BE USED WITH ELECTRONIC TRANSFORMERS FOR HALOGEN LAMPS

F64

Angoli Gamma

| 3705 lx | Ø 33 cm | 1m |
| 926 lx | Ø 67 cm | 2m |

F80

Angoli Gamma

5585 lx	Ø 34 cm	1m
1396 lx	Ø 69 cm	2m
621 lx	Ø 103 cm	3m

F108

Angoli Gamma

F81

Angoli Gamma

2273 lx	Ø 62 cm	1m
568 lx	Ø 124 cm	2m
253 lx	Ø 186 cm	3m
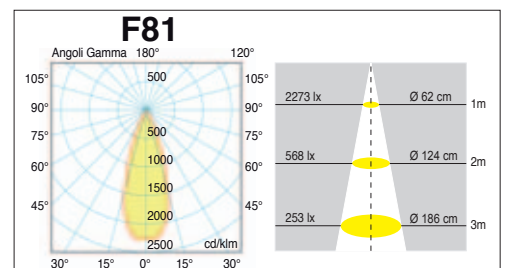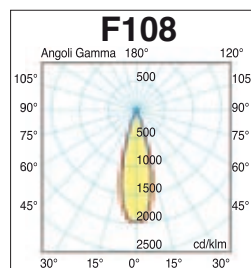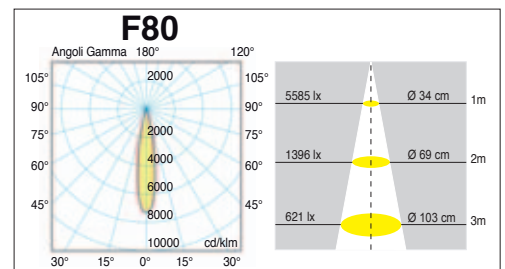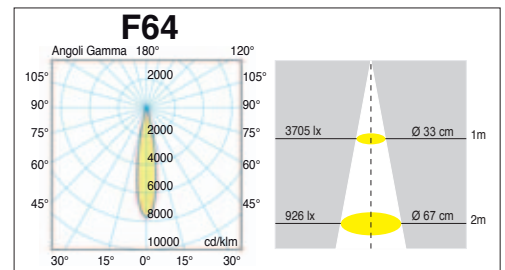
DR111 LED REFLECTOR ADV - GU10 DIMMABLE

	Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	☒	PF	⫘	▥	Ø	L	Barcode 80119058	▧
new	08075	10	220-240	480	Warm White	3000	8325	8°	0,7	F124	GU10	111	92	40136	4	-
	08077	10	220-240	460	Warm White	3000	3650	24°	0,7	F64	GU10	111	92	33398	4	-

■ DR111 REFLECTOR ADV 10W with 35° opening is available upon request.

| LED SHARP | Ra>80 | L70 35000 h | -⌒+ | Ø L | A | WARRANTY 2 YEARS* |

CAN BE USED WITH TRIAC DIMMERS
Dimmers' list on www.duralamp.it

5000K COLD LIGHT, AVAILABLE UPON REQUEST

DR111 LED REFLECTOR ADV - GU10

	Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	☒	PF	⫘	▥	Ø	L	Barcode 80119058	▧
new	08056	15	220-240	780	Warm White	3000	13400	8°	0,94	F125	GU10	111	103	40129	4	-
	08058	15	220-240	759	Warm White	3000	5585	24°	0,94	F65	GU10	111	103	33497	4	-
	08057	15	220-240	808	Warm White	3000	2273	35°	0,94	F80	GU10	111	103	34234	4	-

| LED SHARP | Ra>80 | L70 30000 h | ☒ | Ø L | A | WARRANTY 2 YEARS* |
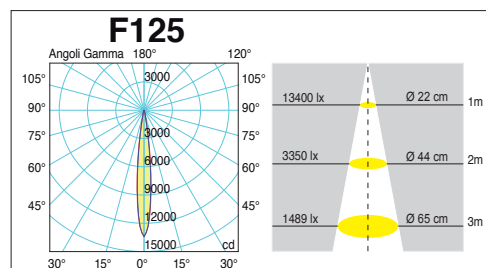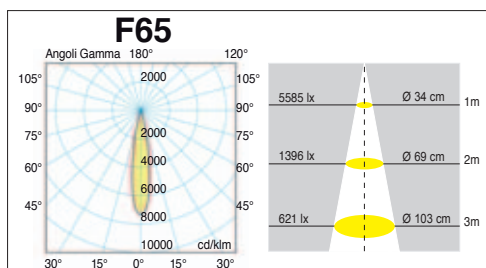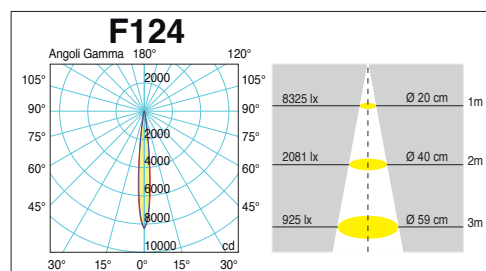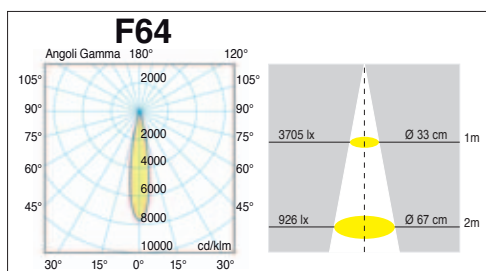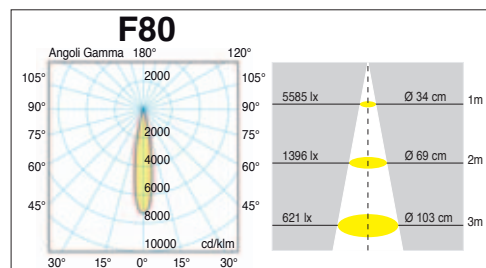
F80
Angoli Gamma 180° 120°
5585 lx	Ø 34 cm	1m
1396 lx	Ø 69 cm	2m
621 lx	Ø 103 cm	3m

F64
Angoli Gamma 180° 120°
| 3705 lx | Ø 33 cm | 1m |
| 926 lx | Ø 67 cm | 2m |

F124
Angoli Gamma 180° 120°
8325 lx	Ø 20 cm	1m
2081 lx	Ø 40 cm	2m
925 lx	Ø 59 cm	3m

F65
Angoli Gamma 180° 120°
5585 lx	Ø 34 cm	1m
1396 lx	Ø 69 cm	2m
621 lx	Ø 103 cm	3m

F125
Angoli Gamma 180° 120°
13400 lx	Ø 22 cm	1m
3350 lx	Ø 44 cm	2m
1489 lx	Ø 65 cm	3m

PLUS

DR111 AIR complete with DRIVER

- Base: G53
- Operating voltage 12V DC/AC 50Hz.
- Using High Power EDISON LEDs.
- Fuse for mains protection.
- Working position: universal.
- Warm white colour temperature.
- Unique design of the heat sink: improves the efficiency of heat dissipation.
- ▶ The size of this lamp is exactly that of halogen lamps and therefore it can be easily used in the same appliances.

- ▶ Lightness is an important feature of this product: ideal for use on any type of ceiling or fitting.
- ▶ Professional Directional Lighting: ideal for use in shops and in environments where accent lighting is required.

USAGE INFORMATION
- ■ Do not use with dimmers.
- ■ Use with its driver.

DR111 AIR complete with driver

	Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⟁	PF (AC)			Ø	L	Barcode 80119058	
new	07073KIT	12	12DC	730	Cool Light	6000	3650	2x12°	0,6	F42	G53	111	57	35460	10	-

Driver's dimensions 50x35x154 mm.

Ra>80   >15000 h   A

WARRANTY 2 YEARS*

F42

DURA LAMP
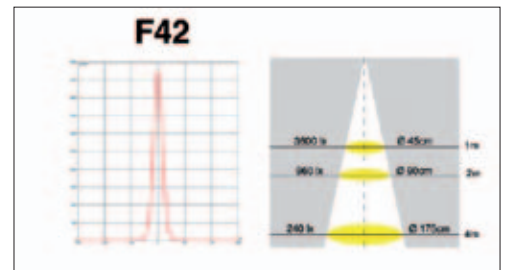
DR111 LED AIR-Evo

- Base: G53
- Operating voltage 12V DC/AC 50Hz.
- Fuse for mains protection.
- Working position: universal.
- Warm white colour temperature.
- Unique design of the heat sink: improves the efficiency of heat dissipation.
- ▶ The size of this lamp is exactly that of halogen lamps and therefore it can be easily used in the same appliances.
- ▶ Lightness is an important feature of this product: ideal for use on any type of ceiling or fitting.

▶ Professional Directional Lighting: ideal for use in shops and in environments where accent lighting is required.

USAGE INFORMATION

- ■ Compatible with 12V AC output electromagnetic transformers and with constant voltage drivers for LEDs.
- ■ Do not use this item with electronic transformers for halogen lamps.
- ■ Do not use with dimmers.
- ■ Can be used with Duralamp power supply for LED, please see specific indications at the relevant page.

DR111 LED AIR-Evo G53

Code	Watt	Volt	Lumen	Light tonality	Axis cd	⌀ angle	PF (AC)			Ø	L	Barcode 80119058	box
08061	15	12	900	Warm Light	4750	20°	0,7	F79	G53	111	53	33909	10	-

Ra>80 | L70 >45000 h | A

F79

Angoli Gamma

4750 lx	Ø 29 cm	1m
1185 lx	Ø 59 cm	2m
296 lx	Ø 117 cm	3m

WARRANTY 3 YEARS*

LED	TRADITIONAL LAMP
DR111 LED AIR-Evo G53 >45000h	**DR111** G53 2000h

RETROFIT

-80% energy

15W → 75W

CAN BE USED WITH DURALAMP DRIVERS, PLEASE SEE THE RELEVANT PAGE

DR111 LED SF

- Base: G53
- Operating voltage 12V DC/AC 50Hz.
- Fuse for mains protection.
- Working position: universal.
- Warm white colour temperature.
- Unique design of the heat sink: improves the efficiency of heat dissipation.
- ▶ The size of this lamp is exactly that of halogen lamps and therefore it can be easily used in the same appliances.
- ▶ Lightness is an important feature of this product: ideal for use on any type of ceiling or fitting.

▶ Professional Directional Lighting: ideal for use in shops and in environments where accent lighting is required.

USAGE INFORMATION

- ■ Compatible with 12V AC output electromagnetic transformers and with constant voltage drivers for LEDs.
- ■ Do not use this item with electronic transformers for halogen lamps.
- ■ Do not use with dimmers.
- ■ Can be used with Duralamp power supply for LED, please see specific indications at the relevant page.
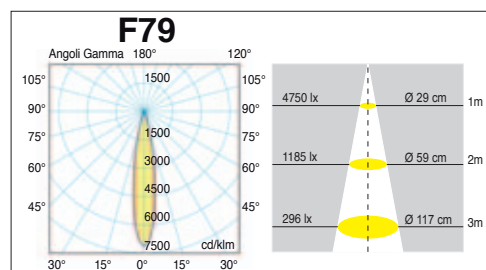
DR111 LED SF - G53

Code	Watt	Volt	Lumen	Light tonality	Axis cd	⌀ angle	PF (AC)			Ø	L	Barcode 80119058	box
08070	11	12	655	Warm Light	2200	23°	0,7	F84	G53	111	59	34128	10	-
08071	11	12	690	Natural light	2320	23°	0,7	F84	G53	111	59	34135	10	-

Ra>80 | L70 >30000 h | A

F84

Angoli Gamma

2319 lx	Ø 40 cm	1m
580 lx	Ø 81 cm	2m
258 lx	Ø 121 cm	3m

WARRANTY 2 YEARS*
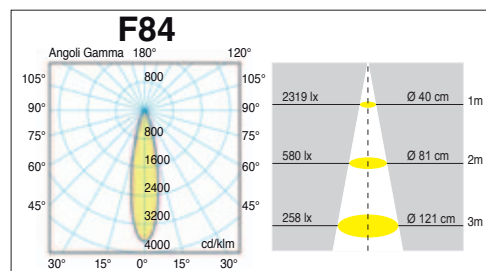
LED	TRADITIONAL LAMP
DR111 LED SF G53 30000h	**DR111** G53 2000h

RETROFIT

-80% energy

11W → 75W

CAN BE USED WITH DURALAMP DRIVERS, PLEASE SEE THE RELEVANT PAGE

FOR DOMESTIC AND DESIGN APPLICATIONS

35

BASIC

PAR20, PAR30 and PAR38 - Altair

- Base: E27.
- Working from mains, no transformer required.
- Warm white colour temperature.
- Fuse for mains protection.
- Working position: universal.
- Working temperature: -25°C to +40°C.
- Unique design of the heat sink: improves the efficiency of heat dissipation.

- IP20.
- ▶ Directional LED lighting allows significant energy saving while providing an interesting effect of a "clean" light beam.

PAR20 LED ALTAIR

Code	Watt	Volt	Lumen	Light tonality	Axis cd	⌔	PF	⬚	⬚	Ø	L	Barcode 80119058	⬚	
07105	7	100-240	300	Warm Light	564	30°	0,9	F74	E27	63	84	34289	4	-

LED	TRADITIONAL LAMP
PAR20 LED ALTAIR E27 >15000h	PAR20 E27 2000h

-80% energy

7W ⟶ 50W
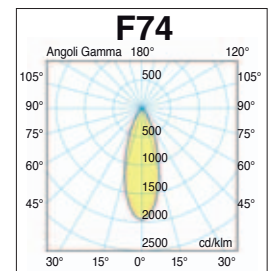
F74
Angoli Gamma 180°

PAR30 LED ALTAIR

Code	Watt	Volt	Lumen	Light tonality	Axis cd	⌔	PF	⬚	⬚	Ø	L	Barcode 80119058	⬚	
07106	11	220-240	590	Warm Light	1946	23°	0,9	F75	E27	94	113	34296	4	-

LED	TRADITIONAL LAMP
PAR30 LED ALTAIR E27 >15000h	PAR30 E27 2000h

-80% energy

11W ⟶ 75W
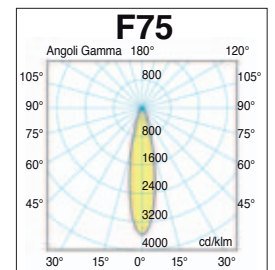
F75
Angoli Gamma 180°

PAR38 LED ALTAIR

Code	Watt	Volt	Lumen	Light tonality	Axis cd	⌔	PF	⬚	⬚	Ø	L	Barcode 80119058	⬚	
07107	16	220-240	810	Warm Light	2606	23°	0,9	F76	E27	120	131	34302	4	-

Ra>80

L70
>15000 h

A ▶

WARRANTY 2 YEARS*

LED	TRADITIONAL LAMP
PAR38 LED ALTAIR E27 >15000h	PAR38 E27 2000h

-80% energy

16W ⟶ 100W

F76
Angoli Gamma 180°
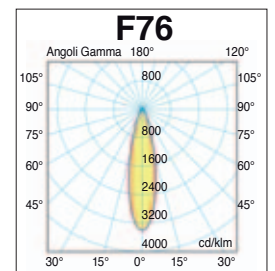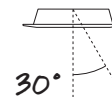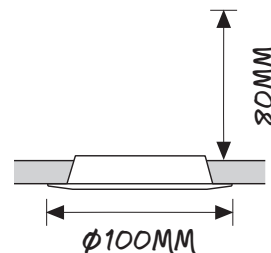
RECESSED RINGS AND ACCESSORIES

- Universal recessed rings.
- 30° adjustable recessed rings on a vertical surface.
- They can be used for all LED lamps with 50 mm diameter. (MR16 and similar models).
- They can be used also with LED Modules.
- Equipped with false ceiling hooking springs.
- Aluminium die-cast body. Fast lamp replacement without using tools and disassembling the appliance.
- Lamp holder and cable clamp not included: see separate kit in the table.

80MM

Ø100MM

Ø80MM   30°

UNIVERSAL RECESSED RINGS

Code	Mounting	L	Weight gr	Barcode 80119058		
U50WH	White finish	100	50	34357	4	-
U50AL	Chrome finish	100	50	34364	4	-

ELECTRICAL ACCESSORIES – LAMPHOLDER

Code	Mounting	Barcode 80119058		
T053	G5.3 lamp holder kit + cable clamp	34388	4	-
T010	GU10 lamp holder kit + cable clamp	34371	4	-

LAMPS AND FITTINGS
FOR PROJECTS

new

TUBOLED 80.000h
The lifetime of these
high-performance tubes has
been improved to L70=50.000h.
Also available in the cold light
temperature version, 6000K.

new

TUBOLED GLASS
The G13 LED tube is becoming
increasingly indistinguishable from
traditional fluorescent lamps.
With an emission at 300°, the effect
of the light is enhanced in the ceiling
light equipped with reflector.

new

new R G B + W

new

ARCHITECTURAL PROFILES
New profiles in "invisible"
polycarbonate and new profiles
in aluminum: more installation
possibilities are made available.

2200K FOR DURASTRIP IP20
A very warm color temperature
to meet the needs of those projects
where a particularly relaxing
atmosphere is required and you
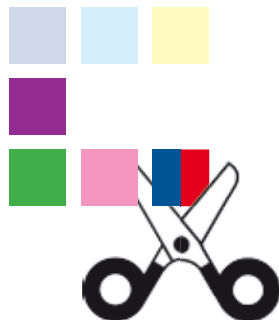do not want to use color filters.

DURASTRIP RGB+WHITE
Four channel Durastrip to create
a white light with a nuance
of colour or to soften the colours
created by RGB. IP68.

new

SPECIAL FOR
PROJECTS

From today DURASTRIP
can be ordered "to measure".
Check details inside.

RTF walk-on
Wide beam, 60°,
for this recessed lamp
characterised by mechanical
resistance and IP67.

RTF 3
The small version.
Shares the same finishing as
the 15W to 25W versions:
a completion of the range
that enables the project to achieve
excellent uniformity.

SLIMFLUX
The SLIMFLUX is refreshed
with improved emission
and improved industrialization:
SLIMFLUX is now more
appealing than ever!

PANTH-LED
The 100W version delivers
even more: 8500 lumens
emission and well
distributed light.

LIGHT TUBES: THE SOLUTION FOR SMALL AND LARGE SPACES

SAME BASE OF THE CEILING LAMPS AND 60X60 MODULES: IMMEDIATE REPLACEMENT!

ENERGY SAVING 60%

Installations that use fluorescent tubes for general lighting are extremely popular. In Europe, the standard powder fluorescent tubes have been replaced by the more efficient triphosphor tubes. Today, the LED tubes provide an interesting alternative to the triphosphor ones. As they are more reliable, they can replace the fluorescent tubes; they reduce maintenance costs of the system, thanks to longer periods between re-lamping interventions. Moreover, they are the most innovative product able to meet improving and modernization requirements of installations (also the existing ones), ensuring energy saving and compatible development (mercury free).

APPLICATIONS:

GENERAL LIGHTING
Corridors, offices, supermarkets, shops, public buildings, warehouses, hospitals etc...

ACCENT LIGHTING
cove lighting, emphasizing of architectural or furnishing details.

TUBOLED 80.000h

Important improvement in the performance for the TUBOLED 80.000h: L70 has been increased to 50,000h! A major plus in commercial installations, for more extended re-lamping times. The chart shows the maintenance curve of the luminous flux after 50.000h (L70) and after 80.000h (L50) of operation.

Lumen output depreciation

1.000h   10.000h Time   100.000h
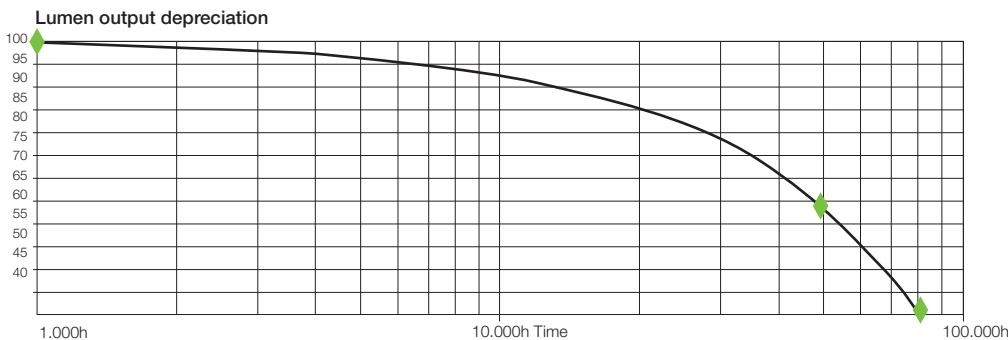
TUBOLED GLASS 25.000h

TUBOLED range with 25,000h lifetime: excellent performance and colour rendering with great attention to the optimisation of costs. Body in glass, not orientable. Single hangable pack.

BASIC

TUBOLED GLASS

- LED tubes completely enveloped in glass.
- Wide lighting distribution curve.
- Color rendering > 80.
- Operating voltage 220-240V.
- Working position: universal.
- ▶ Replacing 18W and 36W T8 tubes: high energy saving.
- ▶ Immediate switch on, no flickering or buzzes.

▶ Great flux maintenance.

USAGE INFORMATION

- ■ Do not use with dimmers.
- ■ In case fluorescent tubes must be replaced, follow the simple assembly instructions indicated below. See next page or mounting instruction on the website.
- ■ Do not use in installations in series.

TUBOLED GLASS

	Code	Watt	Watt Fluo	Volt	Lumen	Light tonality	K	⩕	PF (AC)	▦	▤	Ø	L	Barcode 80119058	▧	
new	L18830G	10	18	220-240	1050	Warm White	3000	300	0,5	F111	G13	28	604	38423	10	-
new	L18840G	10	18	220-240	1100	Natural light	4000	300	0,5	F111	G13	28	604	38430	10	-
new	L18860G	10	18	220-240	1160	Cool Light	6500	300	0,5	F111	G13	28	604	38867	10	-
new	L36830G	19	36	220-240	1810	Warm White	3000	300	0,5	F111	G13	28	1213	38447	10	-
new	L36840G	19	36	220-240	1900	Natural light	4000	300	0,5	F111	G13	28	1213	38454	10	-
new	L36860G	19	36	220-240	2000	Cool Light	6500	300	0,5	F111	G13	28	1213	38850	10	-

Ra>80 | L70 25000 h | L Ø | A⁺ | WARRANTY 2 YEARS*

F111
Angoli Gamma
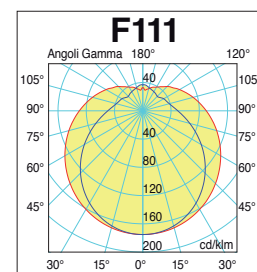
new

TUBOLED GLASS:
A NEW BASIC
AND RETROFIT RANGE!

TUBOLED GLASS is the ideal substitute for the fluo tubes inserted in fittings with reflector. Thanks to the broad emission it is able to take the maximum advantage of the optics present thereby also maximising savings.

PRO

TUBOLED 80.000h

- Base: G13.
- Operating voltage 100-240V.
- Working position: universal.
- Aluminium luminaire and polycarbonate screen: with pleasant external aspect, ideal for visible applications.
▶ Replacing 18W, 36W and 58W T8 tubes: high energy saving.
▶ Immediate switch on, no flickering or buzzes.
▶ Excellent uniformity of emission due to the opal screen.

▶ Great flow maintenance.
▶ IP20.
■ Do not use with dimmers.
■ In case fluorescent tubes must be replaced, follow the simple assembly instructions indicated below.
■ Do not use in installations in series.

TUBOLED 80000h

	Code	Watt	Watt Fluo	Volt	Lumen	Light tonality	K	⊼	PF (AC)	▦	▤	Ø	L	Barcode 80119058	▦
	L18830LL	10	18	100-240	910	Warm White	3000	180	0,9	F85	G13	29	600	35484	10	-
	L18840LL	10	18	100-240	1000	Natural light	4000	180	0,9	F85	G13	29	600	35491	10	-
new	**L18862LL**(1)	10	18	100-240	1080	Cool Light	6000	180	0,9	F85	G13	29	600	38959	10	-
	L36830LL	19	36	100-240	1720	Warm White	3000	180	0,9	F85	G13	29	1200	35507	10	-
	L36840LL	19	36	100-240	1800	Natural light	4000	180	0,9	F85	G13	29	1200	35514	10	-
new	**L36862LL**(1)	19	36	100-240	2000	Cool Light	6000	180	0,9	F85	G13	29	1200	38966	10	-
	L58830LL	22	58	100-240	1900	Warm White	3000	180	0,9	F85	G13	29	1500	35521	10	-
	L58840LL(1)	22	58	100-240	2350	Natural light	4000	180	0,9	F85	G13	29	1500	35538	10	-
new	**L58862LL**(1)	22	58	100-240	2450	Cool Light	6000	180	0,9	F85	G13	29	1500	38973	10	-

Ra>80

L — Ø

A+
A++ (1)

WARRANTY 4 YEARS*

L70 50000 h | L50 80000 h

F85

Angoli Gamma 180° 120°
105° 60 105°
90° 90°
75° 60 75°
60° 120 60°
45° 180 45°
240
300 cd/klm
30° 15° 0° 15° 30°

ADJUSTABLE! FOR FINER CONTROL OF DIRECTIONAL LIGHT!

RETROFIT

THEY REPLACE 18W, 36W AND 58W FLUORESCENT TUBES!

new

NEW 6000K COLOR TEMPERATURE

REPLACING FLUORESCENT TUBES IN EXISTING SYSTEMS
TUBOLED GLASS AND TUBOLED 80.000h MOUNTING:

1) Existing luminaries equipped with electromagnetic reactor:
   equipped with thermal protection: direct replacement of the tube + replace the starter with the supplied device/starter
   Without thermal protection: disconnection from power supply is recommended. Mains feed without any starter.
   If the fixture is equipped with one reactor which feeding two tubes, exclude the reactor and feed the tubes directly to the mains.

2) Existing luminaries equipped with electronic power supply: disconnect power supply; do not use any starter. Mains feed.

3) FOR USE WITH MAINS SUPPLY 230V, WITHOUT POWER SUPPLY:
3.1 - Connect the pin side "INPUT" indicated on the tube to the mains.
3.2 - Do not connect anything on the opposite side; do not use any starter.

DO NOT USE IN "IN SERIES" INSTALLATIONS.
4)   Installation with fluorescent tubes connected in series: the LED tubes can not be connected in series.
4.1) Clear power supply and the starter of each fluorescent tube; connect LED tubes in parallel directly to the mains voltage.

FLUO

LED
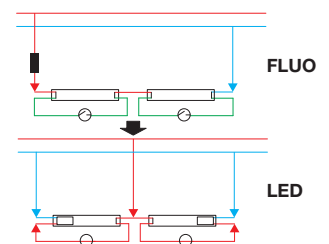
Pay special attention to the appliance modification on technical-regulatory aspects.

DURASTRIP is a LED strip made with SMD technology, intended to have the best use flexibility. Thanks to the important luminous emission, DURASTRIP can be used in projects where a linear and even LED lighting must be provided, to highlight the architectural components and reliefs of the ambient. Ideal for indoors and outdoors and also immersed thanks to the IP68 protection rating.

APPLICATIONS:

ACCENT LIGHTING
cove lighting, emphasizing architectural
or furnishing details.

FUNCTIONAL LIGHTING
under-shelf/under-cabinet, wardrobe
interior lighting.

GENERAL LIGHTING
hallways, bathrooms, path marking, etc...

Torre di Pisa - Italy: Targetti project with Durastrip

DURASTRIP

▶ Packaged in 5 m rolls.

▶ Excellent luminous efficiency and an emission able to replace fluorescence in most applications, with the additional benefit of versatility.

● DURASTRIP IP68: Silicone coating can also be used under water and is ideal to follow curvilinear profiles.

● Durastrip IP20, only for indoor use.

● Choice of colour temperatures. Other temperatures and power outputs available on request.

● Resistance to oxidation and fading due to other light sources.

● Extreme long life and absence of maintenance.

● Absence of UV emission.

● Ease of assembly: it can be fixed with the 3M® double-sided tape, the strip is provided with, or with fixing bridges.

● Cut to size: cut to size, every 3 LED for 12V strips; every 6 LED for 24V strips; the 170W version can be cut every 12 LED.

● Package complete of accessories for mounting.

■ Max length for single power supply: 5mt.

■ Do not use this item with electronic transformers for halogen lamps.

■ It is recommended the use of LEDs power suppliers shown in the table.

■ Additional cut and mount kit for excluding 170W IP68 and IP20 Strip: 8 end caps, 4 fixing bridges, 4 transparent connectors.

DUAL CIRCUIT:
AVOIDING VOLTAGE GAP

We redesigned the circuits of our LED strips introducing a technology to double the track, this is already visible on the 2200K IP20 strip. The double track above and below the circuit provides an improvement of the heat dissipation, halves the current on each power supply circuit and resets the minimum voltage drops while standardizing the flow over the entire length of the strip. To ensure reliability of the product always higher.

NEW EFFICIENCY

Doubled the number of LEDs, decreased the power of the single LED, together with the use of double-track circuits: here is how coming DURASTRIP will emit 30% more light! The effect of this change is already visible on DURASTRIP 2200K IP20: 820 lumens per meter!

PERCEPTION OF COLORS: THE PERFECT SPECTRUM

The colors do not exist unless they are shown in a light that contains them in its spectrum. The same color is perceived in a totally different way depending on the source that illuminates it. Not only according to the color temperature, the kind of source and its Colour Rendering, but most of all according to the spectral distribution of the source. The concept of Color Rendering is rendered obsolete by the ability to make the choice on the spectrum of a source. DURALAMP is now able to offer exactly the spectrum that the lighting designer wants, to exhibit the goods or artworks or any environment at its best! Recreate with LEDs the same spectrum of an incandescent lamp - or even metal halide, etc ... - it means to optimally affect the perception of the environment.
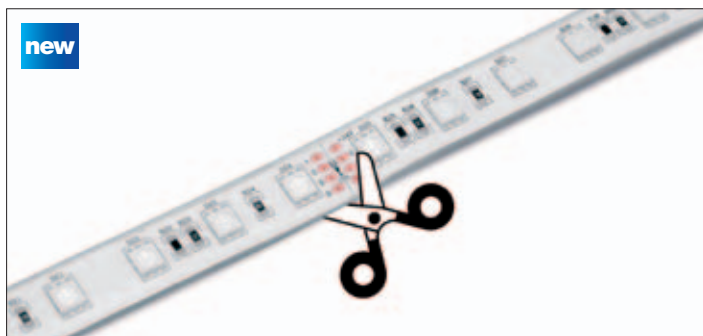
CUT FOR YOU!

The DURASTRIP can now also be ordered "to measure". Duralamp offers an interesting customised service to those working on new or renovations projects. We supply Durastrip LED following the design specifications, already cut to size and, if necessary, with the length of the cables suitable for every ambiance. For faster installation and a perfect service.

BUT WHAT SIZES?

Exactly the size that you need! Let's presume that in your lighting project for a hotel there are 45 rooms with dimensions of 4x4 m, with a strip on one side only; then there are 45 bathrooms with dimensions of 1.80x1.20m with the strip on the long side. We will supply exactly 45 IP20 stripes in 4 metre rolls, complete wiring of the length necessary for the project, plus 45 IP68 strips in 1.8m rolls. PERFECT!

Cut step every 10cm to a maximum length of 7 metres, for DURASTRIP max 10W/m or 5m for DURASTRIP max. 15W/m. The customised cable can have a maximum length of 7 meters.

SPECIAL FOR PROJECTS

MULTIPLE COLOUR SELECTION!

The DURASTRIP can be ordered "to measure", including with regard to the colour of the light! Very warm or very cold white, a mix of colours, individual colours.

WHITE
IP20: 2200K - 2400K - 2700K - 3000K - 3500K - 4000K - 6000K
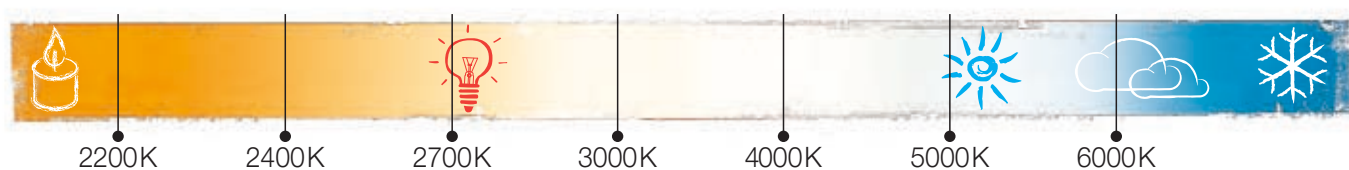IP68: 2400K - 3000K - 5000K

"PURE" COLOURS
DURASTRIP single colour but in the colour that counts: red, green, blue (RGB) and blends of these colours also mixed with white.

COLOR MIX
various colors can be used on the same strip: for example, 40 cm of red color light and then 40cm of white color light repeated over the whole extension of the strip.

Please consult the Florence headquarters to confirm the quantity and design specifications to order DURASTRIP:
- Cut to size
- With the wiring of the desired lengths
- With the desired color temperatures or spectra

2200K   2400K   2700K   3000K   4000K   5000K   6000K

DURASTRIP UL compliant

- UL compliant DURASTRIP are conceived for the large project prescriptors in the countries where the UL mark is required.
- The distinguishing feature is the high luminous output, that along with excellent color rendering make DURASTRIP the product of choice in projects with specific lighting requirements.
- DURASTRIP offer a wide variety of choice for both outdoor and indoor installations.
- The design options becomes almost... endless if you think that virtually any color temperature the designer might wish to have is feasible: just ask!
- IP20 standard substrate: for indoor installations.
- IP65: silicone sleeved strip, suitable to damp locations.
- IP66: full silicone jacket coated strip, suitable to wet locations.

- Color consistency: within 2-step MacAdam ellipse deviation from LED sub-bin selection +/- 50K.
- Complete with secure 3M™ adhesive peel and stick backing for effortless installation.
- Compatible dimming with MLV, ELV, 0-10V, Triac dimming protocol control products.
- A choice of polycarbonate or aluminum mounting channels and accessories are available.
- DURASTRIP is available in rolls of 5 meters lengh but can be pre-assembled to specific lengths with various connector options for project requirements and efficient power configuration.

WHITES
Energy Efficient LED flexible linear light strip for continuous consistent color in linear applications. Extremely flexible and adjustable lengths for varied architectural applications.

PVX TUNABLE
PVX LED tunable flexible light strip for variable white color tuning allows the freedom to choose any warm white color temperature from 2200K-3000K or any cool white color temperature from 3000-6500K.

PURE COLOR
Monochromatic static LED light strip emits saturated pure color for various color effects for niche, cove and linear architectural details.

RGB
Energy Efficient RGB LED flexible linear light strip for continuous color changing RGB and RGB-W effects for linear applications. Extremely flexible and adjustable lengths for varied architectural applications.

Order codes for projects

Item Family ID	Color K	Volt	Watt	IP rating	=	DuraStrip IP65 10W per meter 2400K - 24 VDC + DRIVER + DIMMER
07U	24	24	10	EX		

WHITES and RGB 07U

Color K codes	Kelvin/ nM value	Volt value VDC	Watt codes	Watt 5 m. reel	Watt/ meter	IP codes	IP rating	Description
24	2400K	24	10	48	10	XO	66	Silicone coated substrate
27	2700K							
30	3000K					EX	65	Substrate in silicone sleeve
35	3500K		15	75	15			
40	4000K							

RGB	Red: 625 Green: 520 Blue: 450	Volt value VDC	Watt codes	Watt 5 m. reel	Watt/ meter	IN	20	Standard substrate

RGBW	Red: 625 Green: 520 Blue: 450 + 3000K	24	15	48	10

PURE COLOR 07UP

Color K codes	nm value	Volt value VDC	Watt codes	Watt 5 m. reel	Watt/ meter
Red	625	24	10	48	10
Green	520				
Blue	450				
Amber	590				

TUNABLE 07UV

PVX	Kelvin/ nM value	Volt value VDC	Watt codes	Watt 5 m. reel	Watt/ meter
2230	2200K 3000K	24	10	48	10
3065	3000K 6500K				

Drivers, dimmers, mounting channels and accessories codes can be added to the Durastrip code: for the complete configuration and accessories please check datasheets on www.duralamp.it

L70
50000 h

WARRANTY 3 YEARS*

Please enquire with the sales force regarding these or other UL listed items.

PRO   CTC TOTAL WHITE

- CTC Total White allows you to choose the white "colour" and change it at any time from warm to cold.
- IP68.
- It can be interfaced with home automation systems for managing colour temperature.

- Use DALI ZKCDA, DMX ZKCDMX or ZKCDMX-R to vary the Total White colour temperature continuously and obtain all intermediate temperatures. It can be used also with light sensors.

DURASTRIP CTC Total White IP68

Code	Watt	Volt	Lumen	K		N° LED	L	L1	L2	Barcode 80119058		
07396CTC	75	24V$_{DC}$	1500/m*	3000-6400	120°	600	12	5	5000	33978	15	-

* Value referred to natural color temperature, 4000K. On the two ends of the spectrum, 3000K and 6400K, consider 800 lm/m.

■ It can be used with 2-channel controllers, we recommend DALI and DMX, Cod. ZKCDA; ZKCDMX.

Strip Warm White: Ra>80	L70 30000 h	L2 L L1	III	A	WARRANTY 3 YEARS*

1500 lumen

800 lumen | 800 lumen

3000K   4000K   6400K
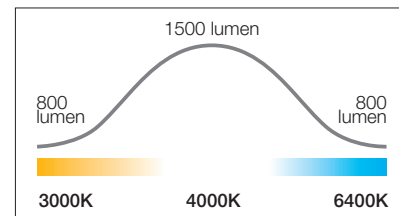
PRO   RGB + WHITE

- DURASTRIP with RGB colours together with white! Enables the use of a single strip for the general lighting and for the colour effects.
- The RGB colours can be used together with the white to create different tones of white or to soften the RGB colours.

- RGB+W LEDs all on power=47W; white color on= 28W; RGB on =19W.
- IP68.
- Can be interfaced with the suitable 4 channel controller, item code ZKCDMXW to achieve all of the desired tones in continuity.

DURASTRIP RGB IP68 + WHITE 3000K

	Code	Watt	Volt	Lumen	Light tonality		N° LED	L	L1	L2	Barcode 80119058		
new	07372RGBW	47	24V$_{DC}$	364/m*	RGB+3000K	120°	300	15	5	5000	38904	15	-

* Value referred to color temperature 3000K.

L70 30000 h	L2 L L1	III	WARRANTY 3 YEARS*
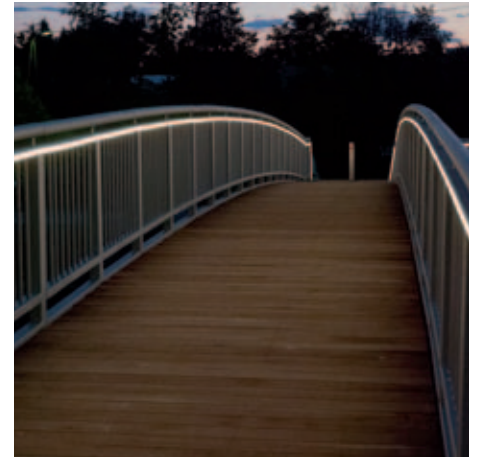
PRO DURASTRIP IP68

DURASTRIP SMD IP68

Code	Watt	Volt	Lumen	K	〈☐〉	N° LED	L	L1	L2	Barcode 80119058	〈☐〉	
07200	75	12V$_{DC}$	1200/m	3000	120°	600	12	5	5000	32353	15	-
07324	24	24V$_{DC}$	300/m	3000	120°	300	10	5	5000	33206	16	-
07348	40	24V$_{DC}$	600/m	3000	120°	300	10	5	5000	33190	16	-
07396	75	24V$_{DC}$	1200/m	3000	120°	600	12	5	5000	33183	15	-
07496	75	24V$_{DC}$	1200/m	5400	120°	600	12	5	5000	33749	15	-
073196*	170	24V$_{DC}$	2500/m	3000	120°	1200	23	5	5000	33176	10	-

* High power strip with double LED raw. We recommend using it with aluminium profiles to optimise heat dissipation.
Item with loose cables (without connector).

Strip Warm White: Ra>80	L70 30000 h		III	A ▶	WARRANTY 3 YEARS*	5000K DURASTRIP 5000K COLD LIGHT, AVAILABLE UPON REQUEST

DURASTRIP RGB IP68

Code	Watt	Volt	Lumen	Light tonality	〈☐〉	N° LED	L	L1	L2	Barcode 80119058	〈☐〉	
07372RGB	50	24V$_{DC}$	-	RGB	120°	300	15	5	5000	33213	15	-

L70 30000 h		III	WARRANTY 3 YEARS*

Additional cut and mount kit for Strip IP68 (code 07200-07324-07348-07396-07496)

KT7200	32520	-

This kit includes 8 end caps, 4 transparent connectors.
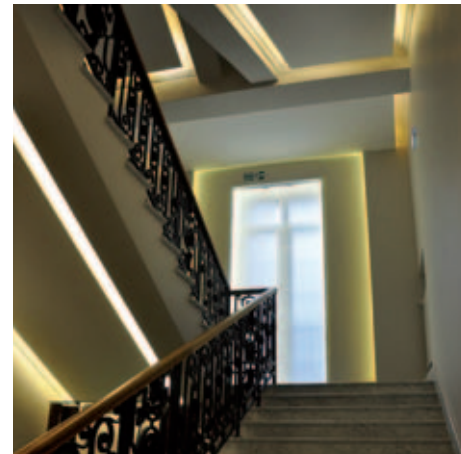
PRO   DURASTRIP IP20

DURASTRIP RGB IP20

	Code	Watt	Volt	Lumen	Light tonality	⌀	N° LED	L	L1	L2	Barcode 80119058	📦	
	07201	40	12V$_{DC}$	-	RGB	120°	300	13	3	5000	32360	15	-
new	**07240RGB**	40	24V$_{DC}$	-	RGB	120°	300	13	3	5000	39222	15	-

DURASTRIP SMD IP20

	Code	Watt	Volt	Lumen	K	⌀	N° LED	L	L1	L2	Barcode 80119058	📦	
	07524	24	24V$_{DC}$	325/m	2700	120°	300	10	3	5000	34395	18	-
new	**072240**	40	24V$_{DC}$	820/m	2200	120°	600	10	3	5000	38881	16	-
	07548	40	24V$_{DC}$	650/m	2700	120°	300	10	3	5000	34418	18	-
new	**072275**	75	24V$_{DC}$	1050/m	2200	120°	600	12	3	5000	38898	15	-
	07596	75	24V$_{DC}$	1300/m	2700	120°	600	12	3	5000	33985	22	-
	07696	75	24V$_{DC}$	1450/m	4000	120°	600	12	3	5000	33992	22	-
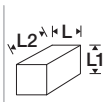
Strip Warm White: Ra>80	L70 30000 h	L2 L L1	III	A →	WARRANTY 3 YEARS*	6000K DURASTRIP 6000K COLD LIGHT, AVAILABLE UPON REQUEST

Additional cut and mount kit for Strip IP20

KT7500 *	For codes 07596 - 07696	-
KT7501 *	For codes 07524 - 07548	-
KT2PA	For codes 072240 - 072275	-

* Each kit includes 8 terminal block. 4 cabled terminal blocks (15 cm long wire). 12 silicone fixing bridges with screws.

STRIP DRIVERS

DRIVER FOR STRIP

Code	Watt	Volt IN	Classe	Volt OUT	PF	L	L1	L2	Barcode 80119058	📦	
ZK07224 *	24	100-240	II	12V$_{DC}$	0,9	95	45	30	32377	1	-
ZK07296 **	96	100-240	II	12V$_{DC}$	0,9	168	60	39	32384	1	-
ZK7350	50	200-240	II	24V$_{DC}$	0,9	185	64	22	33312	1	-
ZK7360 new	60	200-240	II	24V$_{DC}$	0,9	305	30	17	39581	1	-
ZK73100	100	100-240	I	24V$_{DC}$	0,9	216	68	34	33329	1	-
ZK73200	200	100-240	I	24V$_{DC}$	0,9	238	63	43	33336	1	-

* For 1 m   ** For 5 m

■ Drivers only for DURASTRIP.

■ SELV equivalent; protection device in case of short circuit or overload in the secondary circuit. 24V drivers have loose wires connection and are TUV marked. 12V drivers are provided with connectors.

■ ZK73100-ZK73200: IP67

■ These drivers are dedicated to the strips and must not be used with other devices.
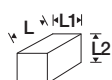
new
DURASTRIP 24V RGB AND 2200K WHITE

DURALUM MODULES

- Flexible system of continuous LED modules mounted into multiple arrays; supplied by the meter, it can be cut to any lenght between the modules.
- Each array can be bent horizontally up to 90° and 45° vertically from the next module for complex cove and niches applications.
- Each LED PCB incorporates aim adjustability with +/- 60° rotation from vertical in order to attain a perfect control of the direction of the light.
- DURALUM comes with a wide choice of color temperatures: 2200K - 2400K - 2700K - 3000K - 3500K - 4000K
- Color consistency: within 2-step MacAdam ellipse deviation from LED sub-bin selection +/- 50K
- Each module carries a PCB with 6 LED array (PCB can be replaced).
- DURALUM modules strand can be surface mounted with their optional mounting clips.
- Max continuous run: powered at 24Vdc, 4 amp max, max 225 modules.
- DURALUM can be dimmed like all other DURASTRIPS: see the relevant accessories pages.
- DURALUM accessories include: straight mounting channel with different covers (clear or frosted), Jbox, mounting clips, end caps, antidust removable cover and spare replacement LED modules and empty strand.
- DURALUM is available upon orders with minimum quantity to be defined with the sales force. Standard lenght is 122cm (48").

Color temperatures

Neutral to warm white color applications for coves, reverse linear trims/niches, toe kick and cabinetry illumination.

2200K   2400K   2700K   3000K   4000K

Adjustability and rotation

90°   up to +/-60°

Dimensions

19mm
24mm
51mm
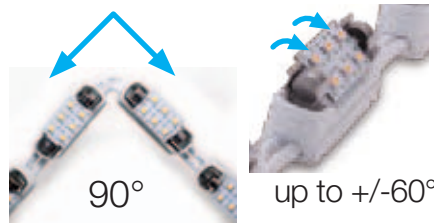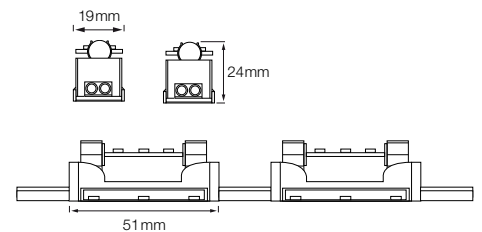
Duralum codes' logic

Item Family ID	Color K	Volt	Spacing
08U	22	24	2

08U22242 =

**Duralum IP20 5.6W per meter
2200K - 24 Vdc - 2,4" Spacing**

Color K codes	Kelvin	Volt value V_{DC}	Spacing	On center	Watt /meter
22	2200K		2	2.4"	5.60
24	2400K				
27	2700K	24	3	3"	4.48
30	3000K				
35	3500K		4	4"	3.36
40	4000K				

Transformers and dimmers'code can be added to the DURALUM code: for the complete configuration and accessories please check DURALUM datasheet on www.duralamp.it

Ra>80   50000 h   III   A   c UL us   WARRANTY 3 YEARS*
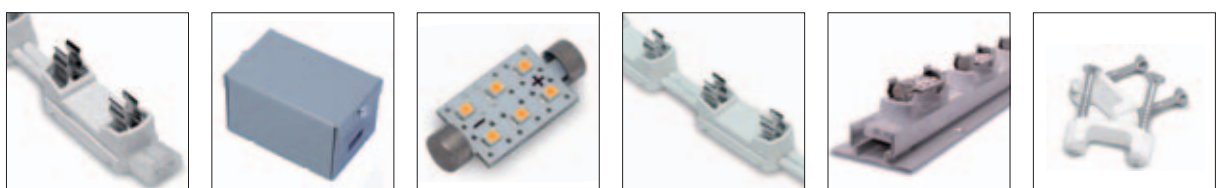
Please enquire with the sales force regarding these or other UL listed items.   c UL us

WALL TOUCH DIMMER

- Dimmers for DURASTRIP white, for DURASTRIP CTC, DURASTRIP RGB and RGB+white.
- External interface in tempered glass with high touch sensibility, immediate response to touch and control precision.
- 4 zones can be controlled separately or synchronised.

- Conforms with protocol DMX512(1990).
- Can be used with ZKCDMX, ZKCDMX-R, ZKCDMXW.
- Dimmer's driver included in the box (220-240Vac / 5Vdc).
- Easy installation and intuitive use.

WALL TOUCH DIMMER FOR WHITE LIGHT DURASTRIP

	Code	Input voltage	Number of DMX channels	Number of areas	Number of scenes	Photo	L1	L2	L3	Barcode 80119058		
new	ZKTPC-DIM	5V$_{DC}$	4	4	4	1	86	86	10	39635	1	-

■ Each channel can have 256 levels of light variation and 4 favourite scenes can be saved.

■ "Memory" function: the last colour temperature chosen is recalled when the light is switched back on again; 3 scenes can be saved.

WALL TOUCH DIMMER FOR CTC DURASTRIP

	Code	Input voltage	Number of DMX channels	Number of areas	Number of scenes	Photo	L1	L2	L3	Barcode 80119058		
new	ZKTPC-CTC	5V$_{DC}$	8	4	3	2	86	86	10	39642	1	-

■ Each channel can have 256 levels of light variation and 3 favourite scenes can be saved.

■ "Memory" function: the last colour temperature chosen is recalled when the light is switched back on again; 3 scenes can be saved.

WALL TOUCH DIMMER FOR RGB DURASTRIP

	Code	Input voltage	Number of DMX channels	Number of areas	Number of scenes	Photo	L1	L2	L3	Barcode 80119058		
new	ZKTPC-RGBW	5V$_{DC}$	16	4	4	3	146	106	10	39659	1	-

■ "Memory" function: the last colour level chosen is recalled when the light is switched back on; 4 favourite scenes can be saved.

■ Simultaneous or sychronous control of the RGB colours and white. 36 setting modes.

DMX Diagram
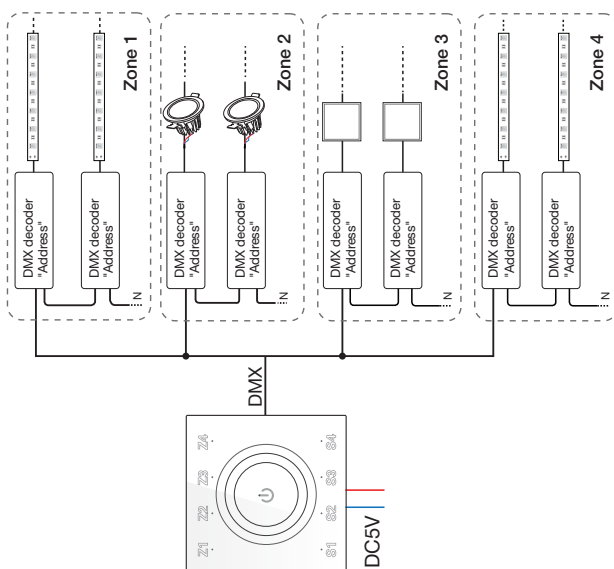
CONTROL INTERFACE THAT CAN BE USED WITH DURASTRIP

Dimming and control systems can be used to improve the ambient aspect: they help creating special, different, soft and always lively atmospheres. Moreover, they have an important function of energy saving: by varying the emission and/or activating/deactivating the system or appliances, they allow optimising the presence of solar lighting.

DALI CONTROLLER FOR DURASTRIP WITH WHITE LIGHT

Code	Max current (A)	Volt OUT	Volt IN	Connection	IP	L1	L2	L3	Barcode 80119058		
ZKCDA	2x5	12-24V$_{DC}$	12-24V$_{DC}$	screw	20	168	51	35	33367	1	-

■ 2-channel controller, which can be also used with Durastrip CTC Total White.

1-10V CONTROLLER FOR DURASTRIP WITH WHITE LIGHT

Code	Max current (A)	Volt OUT	Volt IN	Connection	IP	L1	L2	L3	Barcode 80119058		
ZKC1-10	10	12-24V$_{DC}$	12-24V$_{DC}$	screw	20	168	51	23	33374	1	-

■ It can be used with all White light Durastrips, except for CTC Total White.

DMX CONTROLLER FOR DURASTRIP RGB (OR WHITE ON 3 CHANNELS)

Code	Max current (A)	Volt OUT	Volt IN	Connection	IP	L1	L2	L3	Barcode 80119058		
ZKCDMX	6/CH	12-24V$_{DC}$	12-24V$_{DC}$	screw	20	168	51	23	33442	1	-
ZKCDMX-R*	5/CH	12-24V$_{DC}$	12-24V$_{DC}$	RJ45/screw	20	178	42	33	36795	1	-

■ It can be used with all Durastrip RGB, CTC and white.

* Version with RJ45 connector, which can be used in a traditional way or with remote control included in the package.

DMX 4 CHANNELS CONTROLLER FOR DURASTRIP RGB+WHITE (OR 4 CHANNELS)

Code	Max current (A)	Volt OUT	Volt IN	Connection	IP	L1	L2	L3	Barcode 80119058		
new ZKCDMXW	5/CH	12-24V$_{DC}$	12-24V$_{DC}$	screw	20	168	51	22	38942	1	-

■ Can be used with Durastrip RGB+white.

■ Connection diagrams are available at www.duralamp.it (in the product datasheet).

new

FOUR CHANNELS CONTROLLER FOR DURASTRIP

ZKCDMX / ZKCDMXW   ZKCDMX-R   ZKC1-10   ZKCDA
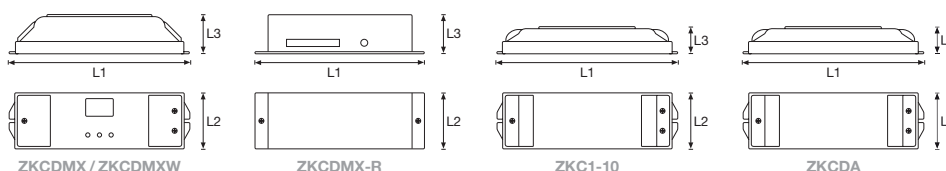
DMX INTERFACE

DMX512, which abbreviation is DMX (Digital MultipleX), is a communication protocol mainly used to control lighting (even LED type), from computers or control units. It is normally used to control coloured lighted or white lighted appliances (RGB) with variable temperature. Thanks to the high transmission speed of the data, the DMX allows making dynamic and even complex sceneries.
A DMX network consists in 512 channels; the number of appliances that can be controlled cannot be defined beforehand, as it depends on how many DMX channels each appliance uses. E.g., if every appliance of the DMX network uses 3 DMX channels, the network can contain 170 appliances.
ZKCDMX-R code version: Equipped with RJ45 connector for DMX signal, complete with looping system and remote sensor with plug (20 cm cable). It can be used in a traditional way or with remote control included in the packaging (signal distance 10 mt in free air).

1-10V DIMMING INTERFACE

The 1-10V luminous intensity control system runs with analog technology: 1 corresponds to 0% and 10 to 100% of the lamp emission.
The intensity can be adjusted by using the linear curve or logarithmic curve and it is the simplest system to install.
The connection is carried out by 2 polarity wires placed between the power supply and controller. It can be used with active or passive control systems.

DALI INTERFACE

The DALI (Digital Addressable Lighting Interface) is a digital protocol interfacing with the power supplies. It is widely used in the lighting field as it provides visible benefits compared to the 1-10V analog control technology (it is essentially a flexible, digital control that allows addressing the single appliances).
The DALI protocol allows defining appliance units and managing the lighting sceneries, to create the right lighting of an ambient according to its use. Different lighting sceneries can be configured and enabled using a simple key, without involving the system wiring.
The DALI protocol is more simple and economic compared to the integrated management systems of a building (building management).
A DALI network can control up to 64 appliances/lamps.

| How to use DURASTRIP with our controllers? Here the indications of maximum power.		DURASTRIP 12V$_{DC}$	DURASTRIP 24V$_{DC}$
	ZKCDA	2x60W	2x120W
	ZKC1-10	120W	240W
	ZKCDMX	72W/CH	144W/CH
	ZKCDMX-R / ZKCDMXW	60W/CH	120W/CH

POLYCARBONATE PROFILES WITHOUT RIM FOR DURASTRIP IP20

- Polycarbonate profiles with optional cover in transparent or frosted polycarbonate.
- The cover fits on the base eliminating any side rim for an extremely clean, luminous effect.

## SEAMLESS PROFILES FOR DURASTRIP IP20

	Code	Description	L	Barcode 80119058		
new	07UICPMC8	"BASE" profile in transparent polycarbonate with mounting holes (2 pcs)	1220	39918	4	-
new	07UIWP45C8	White polycarbonate profile for 45° mounting (2 pcs)	1220	39932	4	-
new	07UICPC8	Transparent cover for base profile or 45° profile (2 pcs)	1220	39925	4	-

Transparent polycarbonate BASE profile for surface or recessed mounting. It can be completed with the cover in transparent or frosted polycarbonate (frosted upon order).
For Durastrip IP20.
L=1220 mm x 2 pcs (8ft)
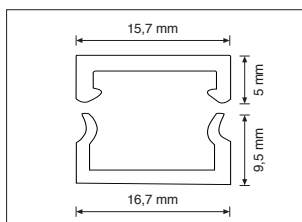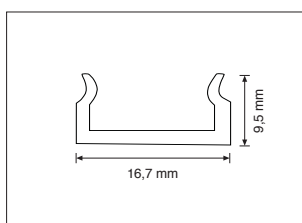
Mounting example with transparent cover.

White polycarbonate profile for surfaces mounting with emission of light from inclined plane at 45°. It can be completed with the cover in transparent or frosted polycarbonate (frosted upon order).
For Durastrip IP20.
L=1220 mm x 2 pcs (8ft)

Mounting example with transparent cover.

new

NEW PROFILES IN POLYCARBONATE, SEAMLESS AND ARCHITECTURAL
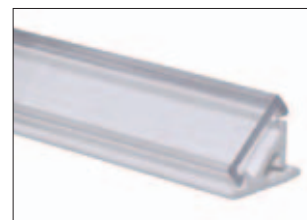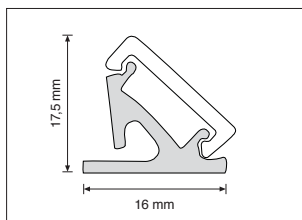
DURAPROFILE PLUS
DOUBLE EMISSION ARCHITECTURAL PROFILE

- Linear architectural profile configurable in direct, indirect emission or both, for high levels of light emission.
- The direct emission is configurable with the use of 1 to 4 strips; indirect emission foresees two strips.
- Mounting: on ceiling for unidirectional or suspended for unidirectional or double emission.
- The aluminium profile is completed, depending on the application chosen, with screens (flat front and rear pair of screens for indirect emission), side closure caps and suspension kit.

- For ceiling mounting the rear support is required, code PRDESO-SL, on which the profile can be attached.
- Compartment inside the profile suitable for the insertion of the power supply and dimmer.
- Possibility of on/off switching and dimming separate for direct and indirect lighting.

DURAPROFILE PLUS - ALUMINIUM DOUBLE EMISSION PROFILE *

	Code	Description	L	Barcode 80119058		
new	PRDESO	Double emission aluminium profile	1220	39970	1	-
new	PRDESO-SL	Rear support for surface mount	1220	39987	1	-
new	PRDESO-FL	Front screen in flat opal polycarbonate plate	1220	39994	1	-
new	PRDESO-FLR	Couple of opal polycarbonate rear screen	1220	40020	1	-
new	KTPRDESO-FL	Set of two side caps flat screen	-	40068	1	-
new	KTPRDESO	Suspension kit	-	40051	1	-

* Available upon request.
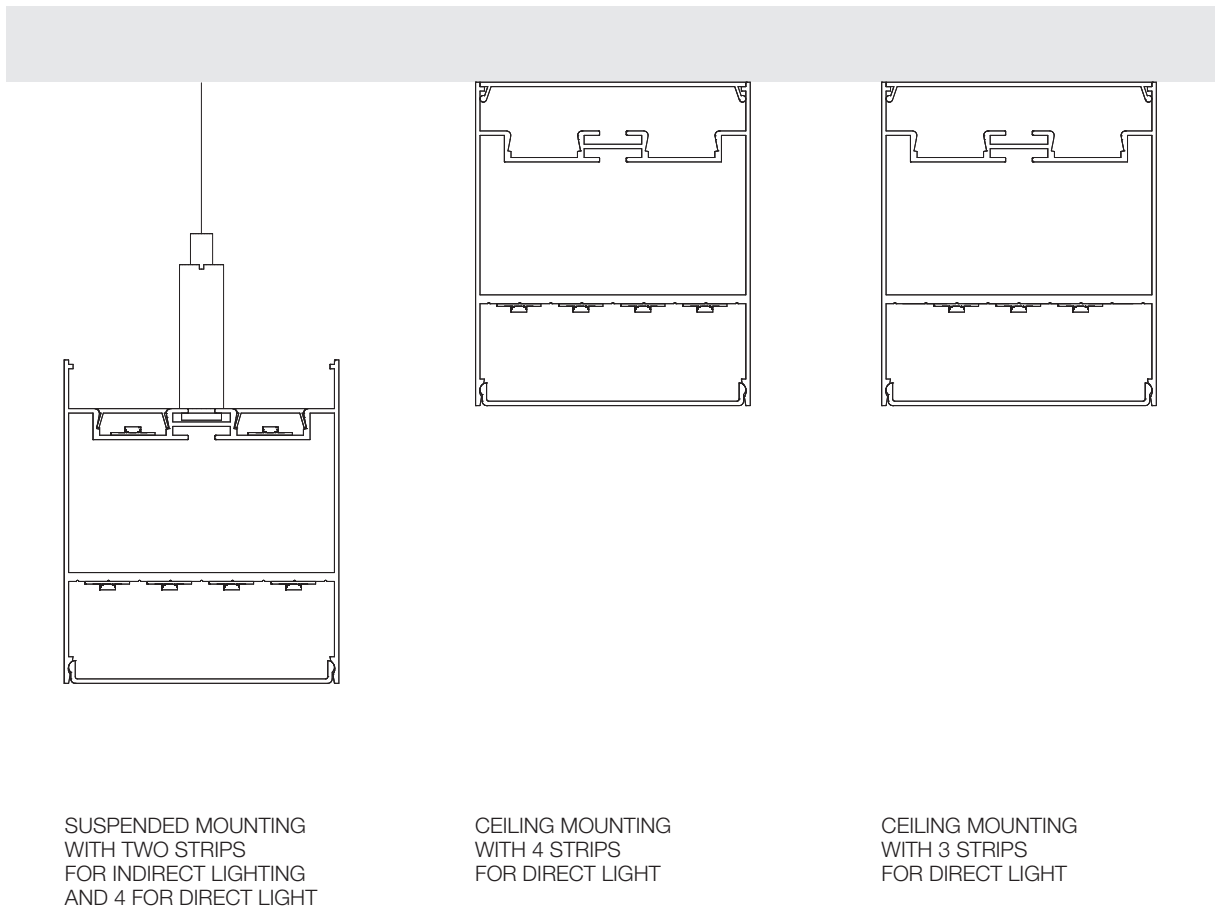
SUSPENDED MOUNTING
WITH TWO STRIPS
FOR INDIRECT LIGHTING
AND 4 FOR DIRECT LIGHT

CEILING MOUNTING
WITH 4 STRIPS
FOR DIRECT LIGHT

CEILING MOUNTING
WITH 3 STRIPS
FOR DIRECT LIGHT

UNIDIRECTIONAL OR DOUBLE EMISSION: WORK WITH THE COLOURS OF THE LIGHT

Can be used with DURASTRIP CTC with synchronous control of the colour temperature of the two emissions.

Interesting use of DURAPROFILE PLUS to achieve different lighting areas through the use of DURASTRIP appropriately positioned and handled by the controllers. Using white and RGB DURASTRIP allows you to mix colours and, for example, obtain the colour saturations required in special applications such as food or retail.

CEILING MOUNTING
FOR UNIDIRECTIONAL EMISSION
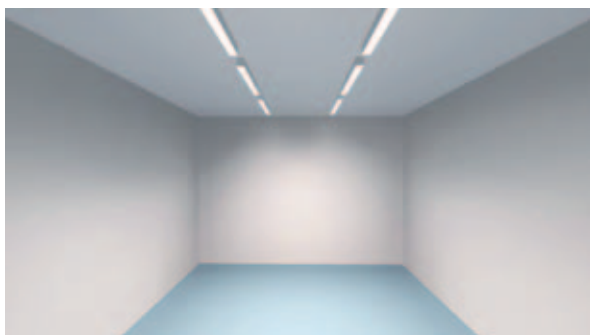
SUSPENSION
WITH DUAL EMISSION
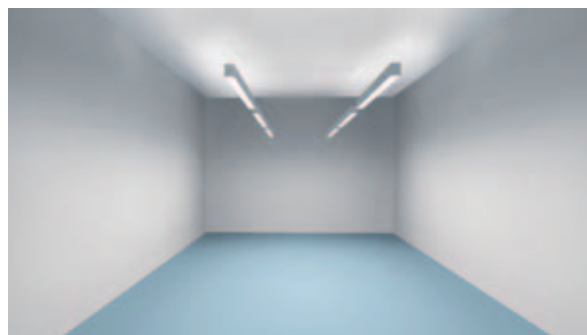
PROFILES IN ARCHITECTURAL ALUMINIUM FOR DURASTRIP IP20

PROFILES FOR ARCHITECTURAL DURASTRIP IP20

	Code	Description	L	Barcode 80119058		
new	**PRDE**	Double emission aluminium profile	1220	40150	1	-
new	**PRDSAP**	Aluminium profile for dome cover	1220	39796	1	-
new	**PRDSAN**	Aluminium profile for dome cover, mounting at 45°	1220	39802	1	-
new	**PLDSAP-C**	Polycarbonate dome cover	1220	39819	1	-
new	**PLDSAN-C**	Polycarbonate dome cover for profile mount. 45°	1220	39833	1	-
new	**KTDEAP**	Set of 2 caps for double emission profile	1220	39857	1	-
new	**KTDSAP**	Set of two end caps for dome profile	1220	39864	1	-
new	**KTDSAN**	Set of 2 caps for dome profile, mounting at 45°	1220	39871	1	-

Profile with dual side emission.
Surface mounting.
Aluminium support with side covers in opal polycarbonate.
Rear support to be fixed to the surfaces:
the profile is attached to the said support.
The main body of the profile can accommodate the driver
(ZK7360). The profile includes two closure caps.
Order cutting kit code comprising two closure caps,
Cod. KTDEAP
Profile L= 1220 mm

85 mm
35 mm
33 mm
47,4 mm

SUPPORT FOR FIXING
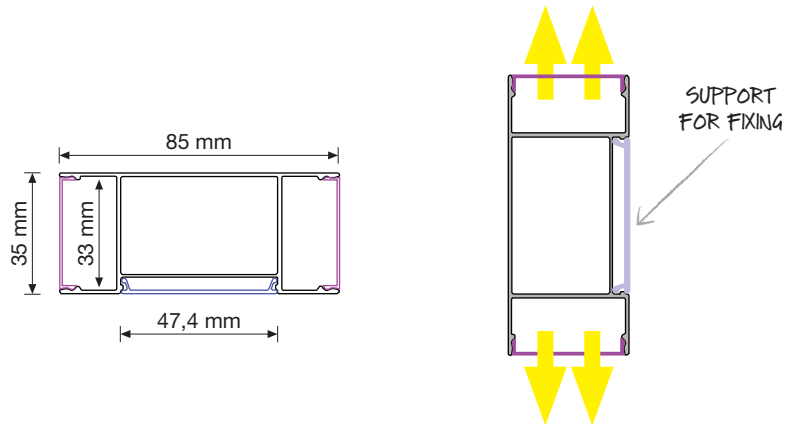
Profile with dome screen.
Surface mounting.
Aluminium support to complete with cover in opal polycarbonate.
Back support to be fixed to the surface:
the profile is attached to the said support.
The main body of the profile can accommodate the wiring
connection. The profile includes two closure caps.
Order cutting kit code comprising two closure caps,
Cod. KTDSAP
Profile L= 1220 mm

50 mm
50,55 mm
12,4 mm
12,5 mm
47,4 mm

STRIP HOUSING
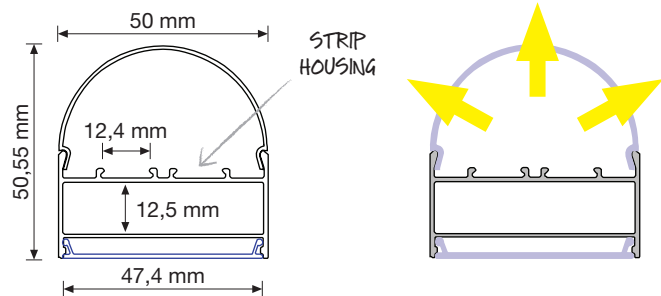
Profile with dome screen mount 45°.
Aluminium support to complete with cover in opal polycarbonate.
Back support to be fixed to the surface:
the profile is attached to the said support.
The profile includes two closure caps.
Order cutting kit code comprising two closure caps,
Cod. KTDSAN
Profile L= 1220 mm

49,7 mm
12,42 mm
50 mm
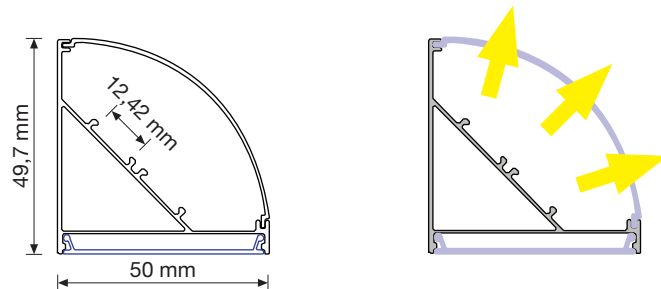
DURASTRIP PROFILES

- Extruded aluminium profiles for DURASTRIP.
- They allow for a more stable installation, in the event of linear profiles.
- Recommended for outdoor applications.

PROFILE STRIP IP20
ANTI DROP
Prevents water and moisture from entering by extending the useful life of the LED strip.

PROFILES FOR IP20 DURASTRIP

Code	Mounting	L	Barcode 80119058		
PRAP20	Surface mounting - for IP20 - 5 pieces pack	2000	-	1	-
PRIN20	Recessed mounting - for IP20 - 5 pieces pack	2000	-	1	-
PRAN20	Corner mounting 45° - for IP20 - 5 pieces pack	2000	-	1	-
KTPRAP20	Kit caps and clips for mounting surface - for IP20	-	-	5	-
KTPRIN20	Kit caps and clips for mounting recessed - for IP20	-	-	5	-
KTPRAN20	Kit caps and clips for mounting angle 45° - for IP20	-	-	5	-

PROFILES FOR IP68 DURASTRIP

Code	Mounting	L	Barcode 80119058		
PRAP68	Surface mounting - for IP68 - 5 pieces pack	2000	-	1	-
PRIN68	Recessed mounting - for IP68 - 5 pieces pack	2000	-	1	-
PRAN68	Corner mounting 45° - for IP68 - 5 pieces pack	2000	-	1	-
KTPRAP68	Kit caps and clips for mounting surface - for IP68	-	-	1	-
KTPRIN68	Kit caps and clips for mounting recessed - for IP68	-	-	1	-
KTPRAN68	Kit caps and clips for mounting angle 45° - for IP68	-	-	1	-
PRINTC*	Walk-over profile for strip IP68 and IP20	1000	-	1	-

* Walk-over profile with white satin polycarbonate covering and recessed aluminum support, housing both strip IP20 and IP68. Available upon request.

■ IP68 strip connector shall be installed outside the profile.

PROFILES IP20
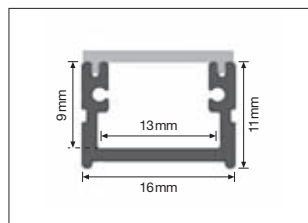
Surface mounting.
Anodized aluminium rigid profile complete with white diffuser plastic cover, aluminium-coloured.
L=2000 mm
Mounting kit (KTPRAP20 / KTPRAP68):
10 clips, 5 end caps without hole
+ 5 end caps with hole for the cable.
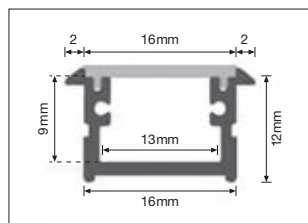
Recessed mounting.
Anodized aluminium rigid profile complete with white diffuser plastic cover, aluminium-coloured.
L=2000 mm
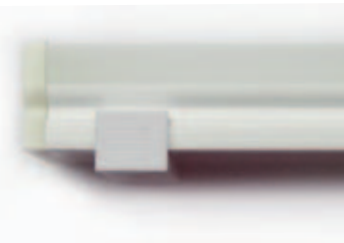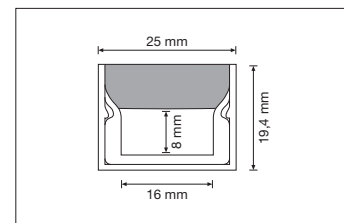Mounting kit (KTPRIN20 / KTPRIN68):
10 clips, 10 end caps without hole.
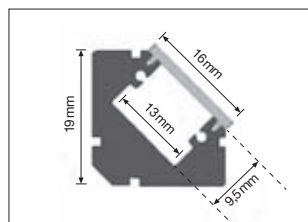
Corner mounting - 45°
Anodized aluminium rigid profile complete with white diffuser plastic cover, aluminium-coloured.
L=2000 mm
Mounting kit (KTPRAN20 / KTPRAN68):
10 clips, 5 end caps without hole
+ 5 end caps with hole for the cable.

PROFILES IP68
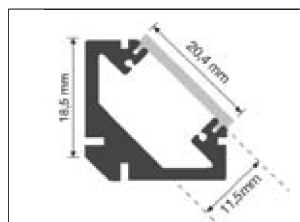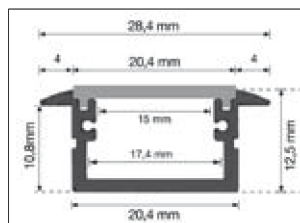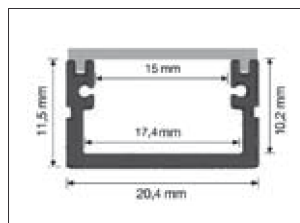
WALK-OVER PROFILE

PROFILE FOR STRIP IP68

LED DOWNLIGHT LUMINARIES

610 LUMEN
9W
Cuthole diameter 72 mm

PLUS

- **Modulo LED** can be used in existing recessed fixtures, as a replacement of a halogen dichroic lamp.
- Complete with driver and with a wide choice of rings for recessed mounting, white or grey color, IP20 or IP65.

p.60

---

new
430 LUMEN
7W
Cuthole diameter 90 mm

PLUS

- **WALK ON RTF** Very small size for this inground mounting fitting, 60° opening.
- Light color temperature: warm.
- Finishing ring diameter: 10 cm.

IP67

p.63

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540 LUMEN
8W
Cuthole diameter 76 mm

PLUS

- **RTF 8W** is a good solution in all those situations where you want to get a good illumination from light spot of reduced dimensions.
- Light color temperature: natural white.
- Integrated sandblasted antiglare diffusive screen; white ring.

p.61

---

new
760 LUMEN
10W
Cuthole diameter 90 mm

PLUS

- **RTF 10W** is a good solution in all those situations where you want to get a good illumination from light spot of reduced dimensions.
- Light color temperature: natural white.
- Integrated sandblasted antiglare diffusive screen; white ring.

p.61

1050 LUMEN
15W
Cuthole diameter 125 mm

PLUS

- **RTF 15W** replaces downlight units that house 2x11W, fluorescent lamps, also with the same holes.
- Selection of the light colour: warm or natural.
- Integrated diffusing screen with anti-glare sandblast finish; white ring.
- Essential design with pleasant inner ring in chrome finishing. White external ring.

p.61
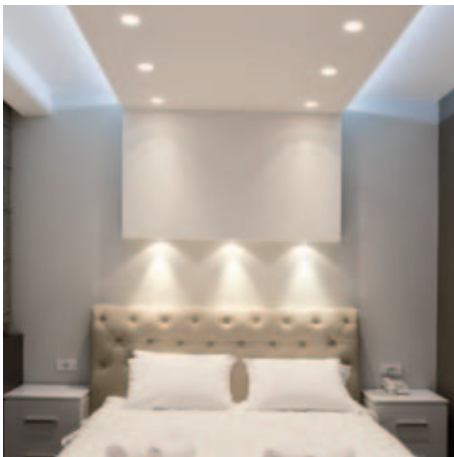
900 LUMEN
13W

Ø
Cuthole diameter 125 mm

PLUS

- RTF 13W IP65:
  it can be used in humid areas 1 and 2: bathrooms, swimming pools, saunas, terraces...
- Integrated diffusing screen with anti-glare sandblasted finish.
- Low thickness: only 66 mm.

IP65

p.62

1600 LUMEN
25W

Ø
Cuthole diameter 215 mm

PLUS

- RTF 25W replaces downlight units that house 2x26W fluorescent lamps, also with the same holes, or 50W halogen lamps.
- Selection of the light colour: warm or natural.
- Integrated diffusing screen with anti-glare sandblast finish.
- Essential design with pleasant inner ring in chrome finishing. White external ring.

p.61

800 LUMEN
12W

Ø
Cuthole diameter 110 mm

BASIC

- HM 12W
- Optical design able to offer excellent visual comfort.
- 100° beam opening for a better light control on the surface.
- Very light: usable in any false ceiling.

p.64

2400 LUMEN
35W

Ø
Cuthole diameter 195 mm

BASIC

- HM 35W
- Optical design able to offer excellent visual comfort.
- 100° beam opening for a better light control on the surface.
- Very light: usable in any false ceiling.

p.64

PRO
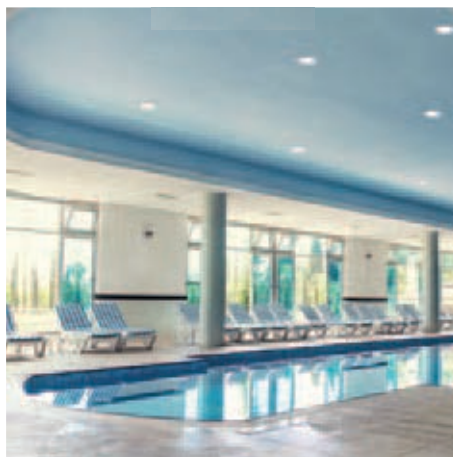
MODULO LED DE DICHROIC EFFECT

▶ LED Modulo: can be used in existing recessed fixtures, as a replacement of a halogen dichroic lamp.
● Using high power CREE LEDs.
▶ Wired module equipped with connection to the specific power supply. It is then a LED lamp that looks like a halogen dichroic!
▶ Significant energy savings compared to the use of halogen lamps in a system with many lights.
● Opening beam: flood, 38°.
● Warm white light.
● Aluminium body.

● Working temperature: -15 +40°C.
● Ensure the fixture used to house the Modulo is suitably ventilated.
● The code refers to packaging containing the module and its driver: see the ring codes below.

USAGE INFORMATION

■ The Module can be equipped with recessed rings. Each ring meets a specific requirement: IP20 adjustable recessed fitting, fixed recessed fitting with IP65, complete with front screen.

MODULO LED DE-P DIMMABLE and complete with driver

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⊼	PF (AC)	⊞	Ø	L	Barcode 80119058	⬚	
ZKMOD8D	9	220-240	610	Warm White	3000	1253	38°	0,9	F102	49,5	62	36658	10	-

■ Power the module only with its driver. Driver dimensions: 117x46x30 mm.

LED COB CREE	Ra>85	L70 30 000 h	-◠+	Ø L	A ▶	**WARRANTY 3 YEARS***	CAN BE USED WITH TRIAC DIMMERS Dimmers' list on www.duralamp.it

Recessed rings

Ø 72 mm

Code		L1	L2	L3	Barcode 80119058	⬚	
ZKRTB	Round white ring	90	90	33	36801	10	-
ZKRTG	Anello Tondo Grigio	90	90	33	36818	10	-
ZKRQB	Squared white ring	90	90	33	36825	10	-
ZKRQG	Squared gray ring	90	90	33	36832	10	-
ZKR65TB	IP65 Round white ring	90	90	33	36849	10	-
ZKR65TG	IP65 Round gray ring	90	90	33	36856	10	-
ZKR65QB	IP65 Squared white ring	90	90	33	36863	10	-
ZKR65QG	IP65 Squared gray ring	90	90	33	36870	10	-

62mm REDUCED HEIGHT, IDEAL FOR FALSE CEILINGS WITH LITTLE SPACE

DE DICHROIC EFFECT

F102

Angoli Gamma

1253 lx — Ø 68 cm — 1m
315 lx — Ø 136 cm — 2m
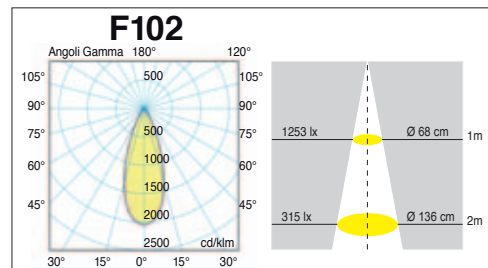
IP65 FIXED RECESSED FITTING: white or grey, round or square

ZKR65TB   ZKR65TG   ZKR65QB   ZKR65QG

IP20 ADJUSTABLE RECESSED FITTING: white or grey, round or square

ZKRTB   ZKRTG   ZKRQB   ZKRQG

PLUS

RTF DOWNLIGHT

- LED source integrated in downlight luminaries.
- Mains voltage operation.
- ▶ Same diameters of fluorescent, halogen or incandescent lamps' downlights: immediate replacement of the pre-existing holes.
- ▶ Well diffused light output, ideal for the general lighting of the ambient.
- Aluminium finned dissipation luminaire.

- Electric connection to free terminals.
- Quick connection system to the false ceiling using springs.
- RTF 10W, 15W and 25W: upper electrical connection; it can be moved by placing the power supply next to the appliance.
- Working Temperature: -20°C +40°C.
- White ring except where otherwise specified.

Main voltage RTF DOWNLIGHT

	Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⊼	PF	▦	Ø	L	Weight gr	Barcode 80119058	📦	
	D305440	8	100-240	540	Natural light	4000	180	120°	0,90	F92	100	78,5	250	35699	20	-
new	**D309040**	10	100-240	760	Natural light	4000	365	90°	0,95	F119	104	75*	230	39703	20	-
	D407830 (1)	15	100-240	1050	Warm White	3000	371	120°	0,90	F61	135	80*	276	33299	18	-
new	**D407830W-G** **	15	100-240	850	Warm White	3000	371	120°	0,90	F61	135	80*	276	39673	18	-
	D407840 (1)	15	100-240	1350	Natural light	4000	405	120°	0,90	F61	135	80*	276	33534	18	-
	D815830 (1)	25	100-240	1600	Warm White	3000	681	120°	0,90	F62	236	97*	780	33305	12	-
	D815840 (1)	25	100-240	2000	Natural light	4000	742	120°	0,90	F62	236	97*	780	33527	12	-

*   The height is reduced by 30mm by moving the power supply sidewise.

** Grey color.

Photometric curves: see next page.

VO IP43 VI IP20	Ra>80	L70 30000 h	***	▢	(1)

| 50mm 50mm 50mm | 8W Ø 76 mm | 10W Ø 90 mm | 15W Ø 125 mm | 25W Ø 215 mm | **A** ▶ | WARRANTY 2 YEARS* |

LUMINOUS EFFICIENCY **58** lm/watt — RETROFIT

15W REPLACES THE FLUORESCENT 2X11W

LUMINOUS EFFICIENCY **66** lm/watt — RETROFIT

25W REPLACES THE FLUORESCENT 2X26W

STANDBY EMERGENCY

RTF 10W, 15W and 25W can be used with standby emergency kit, see driver's page.

DIMMING ***

RTF 10W, 15W and 25W can be used with multi-current multi-voltage dimming power supply, see driver's page.

COMPARATIVE LIGHTING CALCULATION OF THE SAME ROOM (6x3x2,80h m)

6 downlight 2x26W Fluo
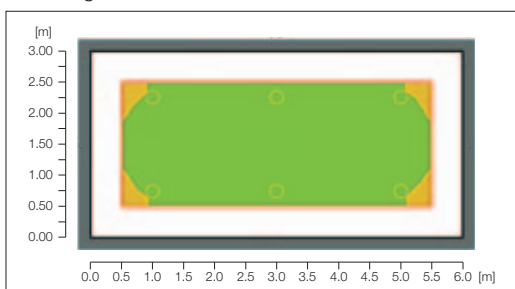
6 downlight RTF 25W LED

| LUX | 150 | 200 | 300 | 500 | 750 |
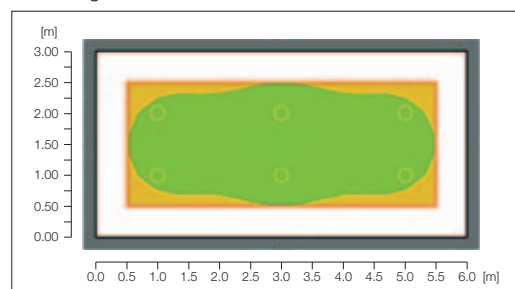
312W	Power	144W
29 lm/W	Efficiency	66 lm/W
17,33 W/m²	Energy consumption on sq.mt	8,00 W/m²
120°	Beam opening	120°
341 lx	Max illuminance	328 lx

Main voltage RTF DOWNLIGHT IP65

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⌖	PF	⫟	Ø	L	Weight gr	Barcode 80119058	⬒	
D409030G	13	100-240	900	Warm White	3000	398	100°	0,90	F101	135	57	529	36535	24	-

■ IP65 device, both optical compartment and component compartment; complete with IP65 remote driver, diameter 35x143 mm.

IP65	Ra>80	🕐 **30000 h**	⚠	▢	**WARRANTY 2 YEARS** *

50mm 50mm 50mm

Ø

L

13W

Ø 125 mm

A ▶
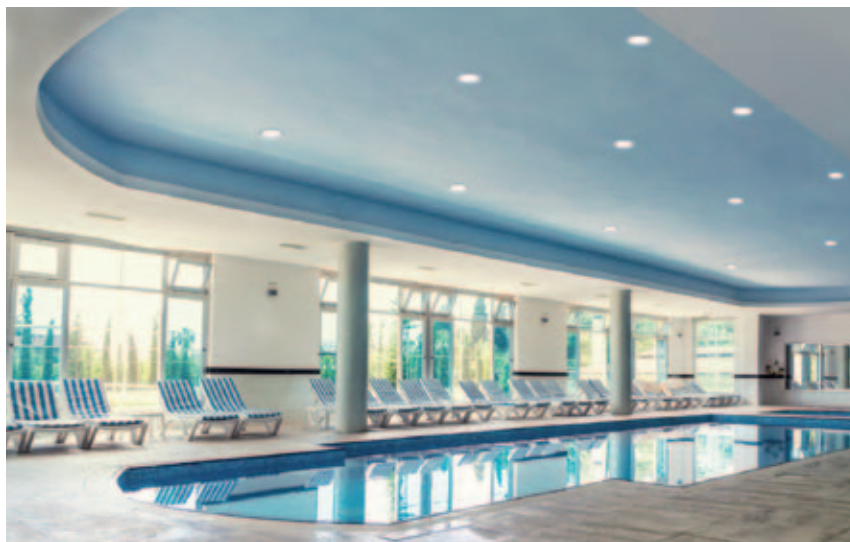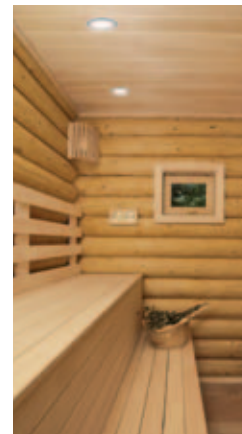
**IP65 DEVICE
APPLICATIONS:
BATHROOMS
SAUNAS
SWIMMING POOLS**

It can be used in areas 1 and 2
Area 1 (above and in the immediate vicinity of the swimming pool): IPX5 for small swimming pools inside buildings, which generally are not cleaned with water jets.
Area 2 (at about 2 metres away from the swimming pool*) : IPX5 in the event that water jets might be used to clean.

* For more details refer to the
Technical Regulation CEI 64-8/7 :2007-1

⊿ **120°**

F61

Angoli Gamma 180°   120°

105°   100   105°
90°   90°
75°   100   75°
            200
60°   300   60°
            400
45°   500 cd/klm 45°
    30° 15° 0° 15° 30°

F62

Angoli Gamma 180°   120°

105°   100   105°
90°   90°
75°   100   75°
            200
60°   300   60°
            400
45°   500 cd/klm 45°
    30° 15° 0° 15° 30°

F92

Angoli Gamma 180°   120°

105°   40   105°
90°   90°
75°   40   75°
            80
60°   120   60°
            160
45°   200 cd/klm 45°
    30° 15° 0° 15° 30°

F101

Angoli Gamma 180°   120°

105°   90   105°
90°   90°
75°   90   75°
            180
60°   270   60°
            360
45°   450 cd/klm 45°
    30° 15° 0° 15° 30°

F119

Angoli Gamma 180°   120°

105°   150   105°
90°   90°
75°   75°
60°   600   60°
45°   750 cd/klm 45°
    30° 15° 0° 15° 30°

PLUS

INGROUND WALK-ON IP67 FITTING

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	☐	PF (AC)	☐	Ø	L	Weight gr	Barcode 80119058	☐	
new **DU404530**	7	12Vac/dc	430	Warm White	3000	430	60°	0,74	F123	98	100	440	39666	20	-

■ Complete with finishing ring, transparent glass, power 12Vac/dc. Do not use with drivers for halogen lamps.

IP67	Ra 80	L70 35000 h		III	WARRANTY 2 YEARS*
IK08	Ø L	7W Ø 80 mm	A		
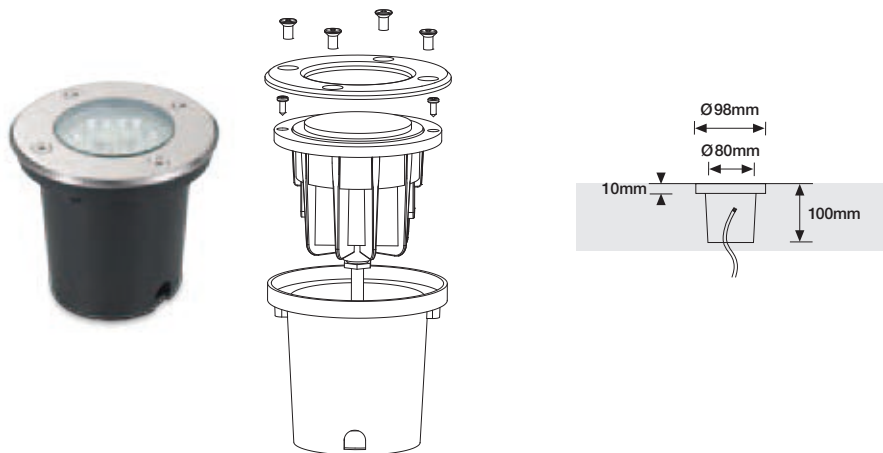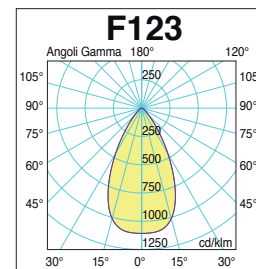
F123
Angoli Gamma 180°

Ø98mm
Ø80mm
10mm
100mm

GREEN LED Revolution DURA

DURA LAMP

HM DOWNLIGHT - IP43

- Downlight with opaline lens.
- Optical design able to offer excellent visual comfort.
- 100° beam opening for a better light control on the surface.
- Essential design suitable for installation in any environment.
- Very light: usable in any false ceiling.
- Equipped with false ceiling hooking springs; quick fix in the ceiling.
- High quality heat resistant, anti-yellowing material.
- Important dissipation surface for excellent heat control.
- White color, satin effect.
- IP43

HM DOWNLIGHT - IP43

Code	Watt	Volt	Lumen	Light tonality	K	Axis cd	⬡	PF	▦	Ø	L	Weight gr	Barcode 80119058	▧	
D408340	12	100-240	813	Natural light	4000	316	100°	0,90	F89	125	102	234	35583	24	-
D822540	35	100-240	2400	Natural light	4000	902	100°	0,90	F90	220	150	734	35606	18	-

VO IP43 / VI IP20 | Ra>80 | L70 25000 h

50mm | 50mm | 50mm

12W Ø 110 mm | 35W Ø 195 mm

A

WARRANTY 2 YEARS*

F89
Angoli Gamma 180°

F90
Angoli Gamma 180°
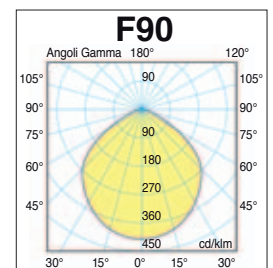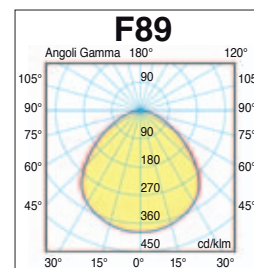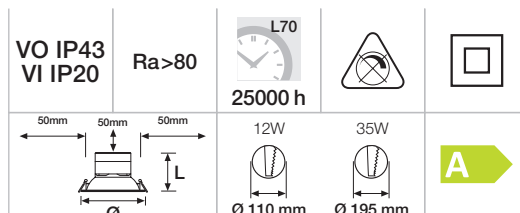
COMPARATIVE LIGHTING CALCULATION OF THE SAME ROOM (6x3x2,80h m)

8 downlight 2x32W Fluo
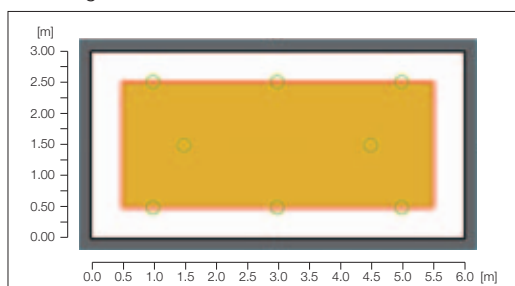
9 downlight MH 35W LED

LUX | 300 | 500 | 750 | 1000 | 1500
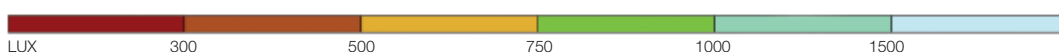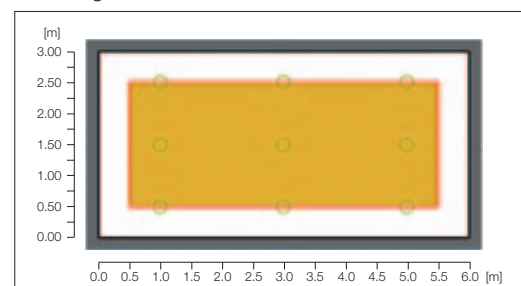
512W	Power	300W
75 lm/W	Efficiency	63 lm/W
28,44 W/m²	Energy consumption on sq.mt	16,68 W/m²
100°	Beam opening	100°
673 lx	Max illuminance	656 lx

SLIMFLUX PANELS
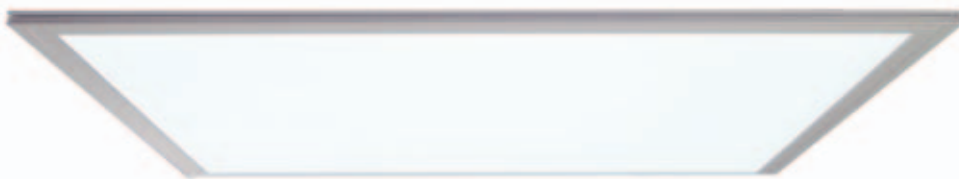
SLIMFLUX panels replace the old 60x60 cm fluorescent modules, offering many advantages: instant light, no flickering, ease of positioning in any environment thanks to reduced thickness and to the various mounting possibilities.

APPLICATIONS:

GENERAL LIGHTING
Direct lighting in residential
and commercial spaces: offices,
shops, schools, apartments, etc.

SLIMFLUX 60X60CM
PROFILE ACTUAL SIZE!

DIM.: 60X60CM, SURFACE MOUNTING
WITH FRAME ACCESSORY

DIM.: 60X60CM,
RETROFIT FLUORESCENCE MODULES

3260 LUMEN

MODULE FLUO 60X60CM

3260 LUMEN

DIM.: 120X30CM, "LIGHTCUTS"

3260 LUMEN

DURA LAMP

PLUS
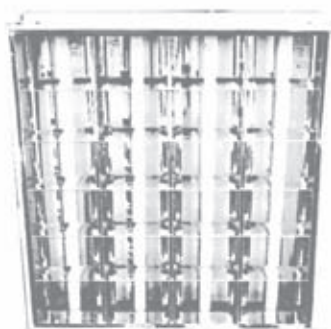
SLIMFLUX PANELS

- Ultra flat LED appliances for direct lightng; thickness: 9 mm.
- Same flow as the 4x18W module with fluorescent tubes.
- The catoptric system is used to obtain a special light reflection and excellent luminance uniformity over the entire panel and lighted surfaces.
- Side heat dissipation.
- Mounting possibilities: recessed, suspended (with suspension wire accessory), on the ceiling/wall (with surface mounting accessory).
- ▶ Immediate switch-on.

- ▶ Maintenance-free.
- Color tonality Natural white.
- Extremely high color rendering: Ra>80.
- Fuse for mains protection.
- Working position: universal.
- White painted metal body.
- ▶ Adjustable suspension wires kit available with separate kit.
- ▶ Remote power supply included.
- ▶ Do not use with dimmer.

SLIMFLUX PANELS

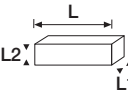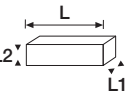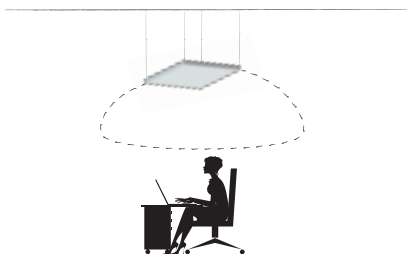|	Code	Watt	Volt	Lumen	K	PF	⊓	L	L1	L2	Weight gr	Barcode 80119058	📦	
new	**LP6060WW**	40	220-240	3600	3000	0,90	F78	595	595	9	3800	38416	5	-
new	**LP6060NW**	40	220-240	3700	4000	0,90	F78	595	595	9	3800	38409	5	-
	LP30120	40	100-240	3260	4000	0,90	F78	1195	295	9	3800	34326	5	-
new	**LP60120***	78	100-240	6500	4000	0,90	- -	1195	595	11	7500	39680	5	-

* Only upon order.

■ 3000K colour available on order.

SLIMFLUX PANELS UGR19

Code	Watt	Volt	Lumen	K	PF	⊓	L	L1	L2	Weight gr	Barcode 80119058	📦	
LP6060UGR	40	100-240	3050	4000	0,90	F91	595	595	9	3800	35545	5	-

■ 30x120 UGR19 panel is available only upon order.

| IP40	Ra>80	L70 35000 h	***	L L2 L1	L L2 L1	Driver dim. (mm): L= 177 L1= 54 L2= 39	A ▶	WARRANTY 3 YEARS*

F78

F91

UGR19

UGR19 The European Standard for lighting work places (EN 12464-1) assesses and defines the ideal glare values to protect workers. A UGR value is required for every type of environment and application.

A UGR19 is required for places where visual display units are used. Slimflux UGR19 checks the reflected glare, specifically on video terminals, limiting the incidence of the luminous beam. For improved quality of the work and of peoples' life.

UGR = Unified Glare Rating
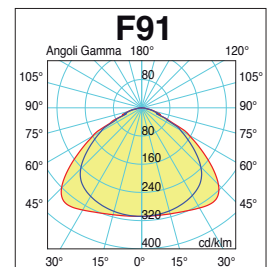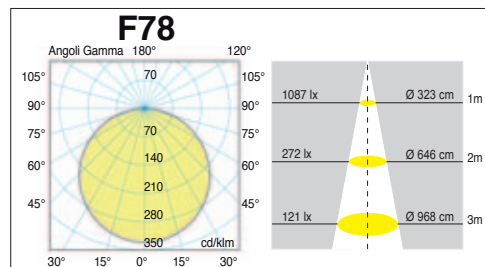
STANDBY EMERGENCY

SLIMFLUX can be used with emergency kit for standby lighting, see driver's page.

DIMMING ***

SLIMFLUX can be used with multi-current multi-voltage dimming power supply, see driver's page.

SLIMFLUX PANELS

ACCESSORIES FOR PANELS SLIMFLUX

Code	Barcode 80119058	
Adjustable suspension wires kit		
KTLP-SP	34661	-

Aluminum body for surface/ceiling mounting (white)

LPLAFO60	Plus model for 60x60 panel	dim. 60,3x60,3x6 cm	35637	-
LPLAFO602	Basic model for 60x60 panel	dim. 60,3x60,3x5 cm	39710	-
LPLAFO120	Plus model for 120x30 panel	dim. 120,3x120,3x6 cm	35644	-

■ Supplied with mounting bracket. Quick and easy installation.

PANEL FRAME DIMENSIONS

10MM
24,5MM
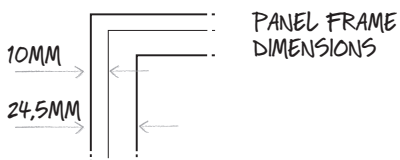
RECESSED MOUNTING DIMENSIONS

600MM 1200MM
580MM 1180MM
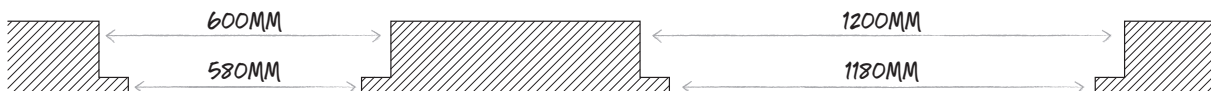
RESTING OF SLIMFLUX ON THE FALSE CEILING PROFILE OR A T-SHAPED BEAM.

DURA LAMP

BASIC   PANTH-LED

- LED projector for outdoor, indoor and construction sites' applications.
- Grey painted die-cast metal body.
- Compact dimensions: Easy to use and to handle.
- IP65.
- Equipped with fixing bracket, adjustable on the vertical axis.
- Free wire for professional uses.
- It can be connected to motion or twilight sensors.
- Working temperature: -20° +40°C.
- Free wire terminals.
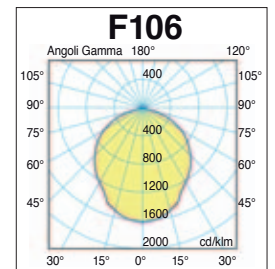- Connected with motion or twilight sensors.
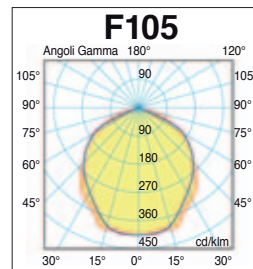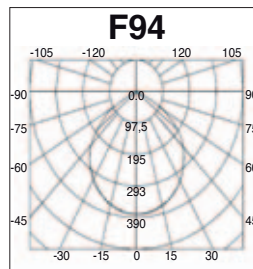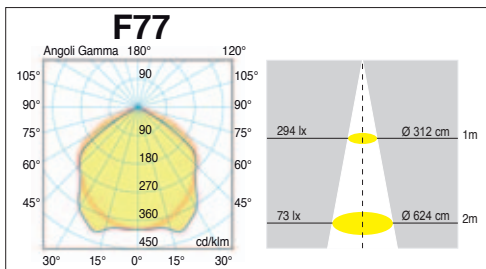- Class 1 fittings.

PANTH-LED

Code	Watt	Volt	Lumen	Light tonality	Axis cd	⌀		L	L1	L2	Weight gr	Barcode 80119058		
PANTH-L12	12	100-240	760	Natural light	294	115°	F77	114	86	90	560	34425	30	-
PANTH-L22	22	100-240	1817	Natural light	748	115°	F77	180	140	125	950	34432	16	-
PANTH-L35	35	100-240	2782	Natural light	1050	115°	F77	225	185	221	1920	34449	8	-

PANTH-SLIM *

Code	Watt	Volt	Lumen	Light tonality	Axis cd	⌀		L	L1	L2	Weight gr	Barcode 80119058		
PANTH-SL15	15	100-240	1130	Natural light	430	120°	F94	39	138	100	482	35828	36	-
PANTH-SL30	35	100-240	2500	Natural light	1050	120°	F105	70	225	170	1530	35835	10	-
PANTH-SL50	50	100-240	3700	Natural light	1772	120°	F106	70	225	170	1640	35859	10	-
PANTH-SL100	100	100-240	8500	Natural light	3000	120°	F110	94	357	307	6130	35866	3	-

Ra 70 | >35000 h | | L2 L L1 | A | * TÜV Rheinland GS | WARRANTY 2 YEARS *

F77

Angoli Gamma 180° 120°
105° 90 105°
90° 90 90°
75° 90 75°
60° 180 60°
 270
45° 360 45°
 450 cd/klm
30° 15° 0° 15° 30°

294 lx — Ø 312 cm 1m
73 lx — Ø 624 cm 2m

F94

-105 -120 120 105
-90 0.0 90
-75 97,5 75
-60 195 60
 293
-45 390 45
-30 -15 0 15 30

F105

Angoli Gamma 180° 120°
105° 90 105°
90° 90 90°
75° 90 75°
60° 180 60°
 270
45° 360 45°
 450 cd/klm
30° 15° 0° 15° 30°

F106

Angoli Gamma 180° 120°
105° 400 105°
90° 90°
75° 400 75°
60° 800 60°
 1200
45° 1600 45°
 2000 cd/klm
30° 15° 0° 15° 30°

F110

Angoli Gamma 180° 120°
105° 700 105°
90° 90°
75° 700 75°
60° 1400 60°
 2100
45° 2800 45°
 3500 cd
30° 15° 0° 15° 30°

| HALOGEN PROJECTORS	NEW LED PROJECTORS
80W ➡	12W Panth-L12
120W ➡	15W Panth-SL15
160W ➡	22W Panth-L22
230W ➡	30W/35W Panth-SL30, Panth-L35
>300W ➡	50/100W Panth-SL50, Panth-SL100
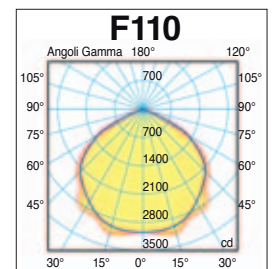
DRIVERS

TRANSFORMERS Constant voltage output electronic LED power supply

Code	Watt	Output voltage	Input voltage	L1	L2	L3	Weight gr	Barcode 80119058		
DELT10A-12	7,5	12V_{DC}	220-240	115	34	18	59	28400	10	-
DELT20A-12	20	12V_{DC}	220-240	154	50	22	59	34616	10	-
DELT50A-12	50	12V_{DC}	220-240	185	64	22	247	33343	10	-

● TUV marked.

■ It is advisable not to charge the driver more than 55% of its power in order to consider the in-rush current of LED lamps.

DELT10A-12

DELT20A-12   DELT50A-12
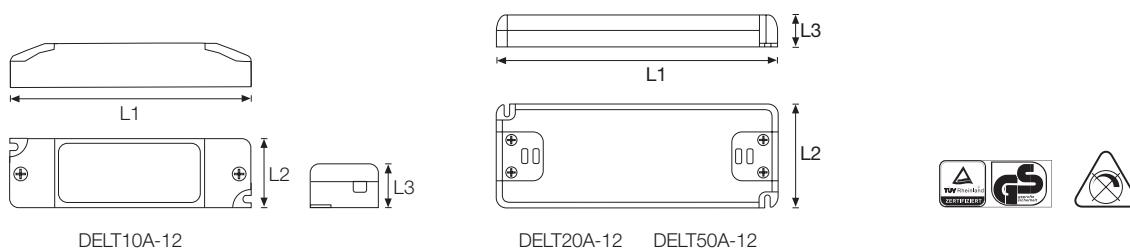
MULTICURRENT MULTIPOWER CONSTANT CURRENT DRIVER - DIMMABLE

Code	PF	Input voltage	L1	L2	L3	Weight gr	Barcode 80119058		
DELT50D-M	0,95	110-240	170	83	34	276	35651	1	-

● Lifetime 50000h. ■ Can be used with Slimflux and 15 and 25W RTF fittings.
■ Maximum power and current: **32W** @450mA; **35W** @500mA; **50W** @800mA.
■ Do not use this trafo with LED strips. Please use it only with 12Vlamps.
■ Suitable for operation at extended range 90-264V - 50/60Hz with power rating of 50%.
■ In case of 110V mains feed, please refer to the maximum power output data on the instruction sheet.
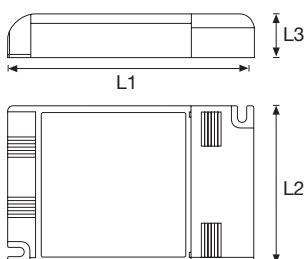
▶ Dimmable with:
● 1-10V active signal (SELV side)
● Potentiometer 100K (on input signal 1-10V max 1.2 mA)
● DALI
● DALI PUSH button on the primary

DIP-SWITCH SETTINGS

6	5	4	3	2	1
ON	OFF	OFF	OFF	OFF	OFF

RTF 15W - 450mA

6	5	4	3	2	1
OFF	OFF	ON	OFF	ON	OFF

RTF 25W/Slimflux - 850mA

MULTICURRENT MULTIPOWER DIMMABLE DRIVER DALI/PUSH/1-10V/0-10V

Code	Max	PF	Input voltage	L1	L2	L3	Weight gr	Barcode 80119058		
DELT42D-M	42W	0,95	220-240	125	82	29	80	35764	1	-

● Lifetime 50000h.
■ Can be used with Slimflux and 15 and 25W RTF fittings.
■ Maximum power and current: 90-264V 50/60Hz.
■ Suitable for operation at extended range 90-264V - 50/60Hz with power rating of 50%.
■ In case of 110V mains feed, please refer to the maximum power output data on the instruction sheet.
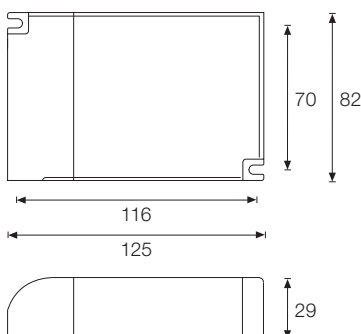
▶ Dimmable with:
● 1-10V / 0-10V active signal (SELV side)
● Potentiometer 100K (on input signal 1-10V max 1.2 mA)
● DALI
● DALI PUSH button on the primary

Made in Italy
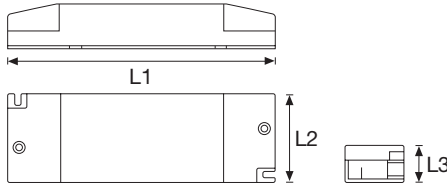
STANDBY LIGHTING FOR FITTINGS

STANDBY LIGHTING FOR FITTINGS

LED EMERGENCY KIT FOR STANDBY LIGHTING* for fittings

Code	Input voltage	L1	L2	L3	Weight gr	Barcode 80119058		
KTEMR01	220-240	155	56	25	122	35668	10	-

- Emergency electronic unit for standby lighting suitable for current controlled power LED.
- Can be used for maintained or emergency operation.
- Can be used with max 2A-90V.
- Battery life: 1 hour (Battery pack dimensions: 135x45x23mm).
- Residual flux in emergency 30%.
* As indicated by the UNI EN 1838.

driver — emerg. — LED

Dip-switch position	Emergency working voltage (VL)	Emergency output current (I)	Max Power LED current controlled	Max LED modules voltage controlled
C	**9-46V**	350-100mA	$N_{LED}= 46 / V_F$	-

V_F = LED operating voltage

STANDBY LIGHTING FOR 12V LAMPS

LED EMERGENCY KIT FOR STANDBY LIGHTING* for lamps/12V

Code	Input voltage	L1	L2	L3	Weight gr	Barcode 80119058		
KTEMR12	220-240	155	50	25	130	36771	10	-

- Emergency power supply for 12VDC LED lamps with integrated electronics (from 3W to 20W for one hour).
- Can be used for maintained or emergency operation.
- Can be used with max 20W.
- Battery life: 1 hour (Battery pack dimensions: 135x45x23mm).
- Residual flux in emergency 100%.
* As indicated by the UNI EN 1838.

Lamp	EBLF	Battery life
GU5,3 - 3 ÷ 20W	**100%**	1h
G53 - 3 ÷ 20W	**100%**	1h

driver — kit Standby lighting — 12V LED

Max distance: 2m.

CODES INDEX

GENERAL CONDITIONS

1. Applicability

1.1 These general conditions (hereafter the "**Conditions**") constitute an integral and essential part of the contract of sale between the Parties. The Conditions shall regulate all legal relationships between Duralamp S.p.A. (hereafter "**Duralamp**") and the purchaser (hereafter the "**Purchaser**") where the said relationships are not disciplined by the applicable terms of the Italian Civil Code (C.C.). The nullity of any of the terms of these Conditions shall not prejudice the validity of the remaining Conditions or the Contract.

1.2 Any changes to these Conditions shall be agreed between the Parties in writing, with the exception of the provisions set down in article 1341 of the Italian C.C..

2. Sales

2.1 Sale requests for the products (hereafter the "**Products**") shall be accepted *"subject to the seller's approval"* and shall be considered to be irrevocable in accordance with and as an effect of article 1329 of the C.C. for a period of 1 (one) month from the date of the order requesting execution without prior acknowledgement, pursuant to and as an effect of article 1327 of the C.C. from the date on which the order is received by Duralamp.

2.2 The Products detailed in the individual orders and the relevant accessories shall be supplied to the Purchaser by Duralamp with *"Retention of Title"* pursuant to and as an effect of articles 1523-1526 of the Italian C.C. In this case, the transfer of ownership of the Products to the Purchaser shall take place exclusively upon the full payment of the price agreed, whilst any risks shall be the responsibility of the Purchaser from the moment of delivery of the Products.

2.3 Whilst confirming the terms stated above, the Parties hereby agree that should the Products and relevant accessories be destroyed for causes not attributable to Duralamp, the Purchaser shall not be released from the obligation to pay for the same, even where the Products have not yet been delivered.

3. Prices

3.1 The prices detailed on the price list shall be applied to Product sales orders. The aforementioned prices shall be unit prices per single item, except where stated otherwise for certain Products. The Parties shall have the right to agree, in writing, any derogations and/or special conditions of sale.

3.2 Moreover, the Parties hereby agree that the following conditions shall be applied:
(I) Minimum order: € 250 (two hundred and fifty) for Italy - € 750 (seven hundred and fifty) for other countries;
(II) Delivery free to destination in Italy for orders of € 250 (two hundred and fifty) or more;
(III) Ex-Works deliveries for other countries.

3.3 The prices given above do not include VAT and installation costs.

3.4 The prices provided in this catalogue shall be valid until a new price list is published.

4. Currency

All prices are given in Euros (exclusive of VAT). Invoices shall be drawn up in Euros.

5. Special requests

Products can be supplied to the Purchaser in non-standard colours and with special features. The relevant price, minimum quantities per order, methods and timing of deliveries shall be agreed in each individual case, in relation to the reference order.

6. Transport

6.1 Duralamp shall not be liable for any damage and/or losses which may occur during the transportation of the Products, unless the Products are delivered free at destination.

6.2 Duralamp shall have the right to establish the method of transportation to be used for the Products, unless the Parties have previously established a method of transport in writing.

6.3 Upon delivery, the Purchaser shall undertake to verify the condition of the products and shall make any complaints directly to the carrier and/or conduct any actions necessary in the event of loss, misplacement, removal or damage, or delays in transportation and/or the methods of delivery of the Products.

7. Complaints

7.1 In the event that the Products are found to have any faults and/or defects, the Purchaser shall undertake to notify Duralamp of the same in writing, by means of a registered letter, no later than 8 (eight) days following the discovery of the said faults and/or defects, at the risk of invalidating the obligations of the guarantee provided by Duralamp. In this case, the faulty Products, which should be reported within the terms established, should be returned to Duralamp, once the Purchaser has received specific permission to do so in writing.

7.2 In the event that the Purchaser's complaints are held to be valid, Duralamp, at its complete discretion, may make the necessary repairs and/or replace the Products, excluding the attribution of any further charges, obligations, indemnification or compensation to the same. The Products in question should be returned to the Duralamp S.p.A. plant in Campi Bisenzio, Italy, Via Di Limite no. 148.
In the event that, following an inspection by Duralamp, the Products returned by the Purchaser are not found to be faulty and/or defective, Duralamp shall return the Products to the Purchaser, charging the same an amount equal to 15% (fifteen percent) of the value of the said Products.

8. Delivery

8.1 The Parties hereby agree that the terms established for the delivery of the Products shall not be considered absolute or essential and that, in any case, each term shall be exclusively in favour of Duralamp, unless otherwise agreed in writing between the Parties.

8.2 In the event of delayed delivery, once 15 (fifteen) days have passed since the agreed date, the Purchaser may send Duralamp written warning to complete the delivery within a further term of no more than 15 (fifteen) days from receipt of the same. In the event that Duralamp has not completed the delivery within this further term, the Purchaser may withdraw from the order with regard to the Products that have not yet been delivered. In this case the Purchaser shall only be obliged to pay Duralamp for the Products actually delivered, excluding the payment of any further indemnification and/or compensation to the Purchaser.

8.3 Duralamp shall not be responsible for any other breaches, including the failure to deliver or delayed delivery of the Products, caused by events outside its reasonable control such as, purely by way of an example and not limited to the same: the failure to deliver or delayed delivery of manufacturing materials by Duralamp's suppliers, equipment breakdowns, strikes and other trade union action, electricity blackouts, suspension of or difficulties with transportation.

9. Payment
9.1 The price due shall be paid by the Purchaser according to the conditions and modalities set down in the order and, in any case, by means of payments made exclusively to "DURALAMP S.P.A.".

9.2 Duralamp shall only recognize the validity of the payments when the same are made in compliance with the provisions of article 9.1 above. This means that amounts paid using any other method shall not be considered to be a payment in discharge of the Purchaser's obligations. The eventual acceptance by Duralamp of a bank draft or other trade bill shall only occur with the application of the proviso *"under usual reserve"*.

9.3 In the event of delayed payment with respect to the terms agreed, the Parties hereby agree that bank interest shall be due to Duralamp at the current PRIME RATE increased by 3 points. Interest shall be applied as of right, with no obligation for Duralamp to send the Purchaser a formal notice to pay.

9.4 Moreover, in the event of a delay in payment of more than 15 (fifteen) days, Duralamp shall have the right to terminate the order as of right pursuant to article 1456 C.C., sending written notification of the same, barring compensation for any damage.

9.5 In the event that the Parties have agreed upon a method of payment by instalments for the Products, the failure to pay several instalments or just one instalment exceeding one eighth of the overall price of the Products, shall result in the loss of the Purchaser's right to pay in instalments and shall give Duralamp the right to request the remaining balance of the price or, alternatively, at its own discretion, to terminate the contract with immediate return of the Products and the acquisition of the instalments paid, as indemnification, barring the right to compensation for any damage sustained.

10. Guarantee

10.1 The Products provided by Duralamp shall be guaranteed for a period of 12 (twelve) months from the date of delivery against any manufacturing or material defects and/or faults and against any breakdowns not attributable to the Purchaser. Duralamp's only obligation and the Purchaser's right with regard to claims related to the guarantee shall be limited, as decided by Duralamp, to the replacement or repair of the defective or non-compliant product or the reimbursement of the price for the purchase of another product. Duralamp shall be granted a reasonable amount of time to repair or replace the product, or to make the previously authorized reimbursement.
Any defective or non-compliant Products shall become the property of Duralamp as soon as they have been replaced or reimbursed.

10.2 The guarantee shall exclude any failures due to circumstances beyond the control of Duralamp (lightning, flooding, etc.), as well as any damage caused by the improper use of the Products and/or relevant accessories. Notwithstanding the above, Duralamp shall not be bound by the guarantee if the contested defects or non-compliances have occurred as a result of submitting the Products to resistance or environmental tests, the incorrect use of the same, or in the event that the use of or conditions of use of the Products is different from that indicated in the instructions and technical information, as a result of negligence, incorrect installation or accident, or if they derive from improper repairs, alterations, modifications, storage or transportation or by incorrect handling.

10.3 The Purchaser shall send the Products returned in accordance with the terms of the guarantee to the place indicated by Duralamp in compliance with the Duralamp policy regarding authorization to return materials in force at the time. In the event that the Products returned are found to be compliant or not faulty, the Purchaser shall pay the cost of returning the same as well as the cost of insuring, inspecting and handling the Products.

10.4 LED products Enjoy specific guarantees: details are published on www.duralamp.it

11. Limitation of Liability

11.1 WITH THE SOLE EXCLUSION OF CRIMINAL INTENT AND GROSS NEGLIGENCE, DURALAMP SHALL NOT BE LIABLE FOR LOSS OF PROFITS OR SAVINGS, LOSS OF REPUTATION OR GOODWILL, ANY DIRECT, INDIRECT, CONSEQUENTIAL OR SPECIAL DAMAGE THAT MAY DERIVE FROM OR BE CONNECTED TO THE CONTRACT OR SALE OF PRODUCTS OR SERVICES BY DURALAMP OR BY THE USE OF THE SAME OF A CONTRACTUAL OR EXTRA-CONTRACTUAL NATURE OR DERIVING FROM ANY OTHER SOURCE, EVEN WHERE DURALAMP HAS BEEN NOTIFIED OF OR IS AWARE OF THE POSSIBILITY OF SUCH DAMAGE.

11.2 The limitations and exclusions stated in article 11 shall apply within the limits permitted by law.

12. Applicable law and place of jurisdiction

12.1 These Conditions and all the effects of the same shall be governed by Italian law. The Parties hereby agree that any disputes related to these Conditions shall refer to Italian jurisdiction to the exclusion of all others.

12.2 The exclusive place of jurisdiction shall be the registered offices of Duralamp S.p.A., with the express exclusion of any other competing places of jurisdiction.

Available at:

A complete list of the Duralamp distribution network is available at:
www.duralamp.it

**LED CATALOG n° 4
(1st of February 2015)**

- ● Product description.
- ▶ Technical and commercial information.
- ■ Usage information.

Note

Available on order: the message "Available on order" often appears in the catalogue. We've added it to offer our customers the broadest choice option. Careful though: if an article is available "on order", it means that it is not readily available in stock and only minimum quantities are available for purchase. We therefore recommend that you contact sales for further details.

Legend

Spectrocolorimetrics Fotometrics

Packaging quantity: please respect packaging quantity in order to speed up order processing and guarantee a better protection of goods.

Item code

mm

Code	Watt	Volt	Lumen	K	α	Axis cd	⊼				Ø	L	Barcode 80119058		€ VAT excl.
01450	20	12	410	4200	0,29	600	2x15°	S34	F83	GU4	35	37	34098	10	**7,10**
01452	35	12	410	4200	0,54	1200	2x15°	S34	F83	GU4	35	37	34098	10	**7,10**

We thank Targetti photo archive for some of the images at pages 2-3-48-49-58-59 and the photos of pages 9-17-43.
Indoor or outdoor setting photos are used to illustrate the possible applications of the product.