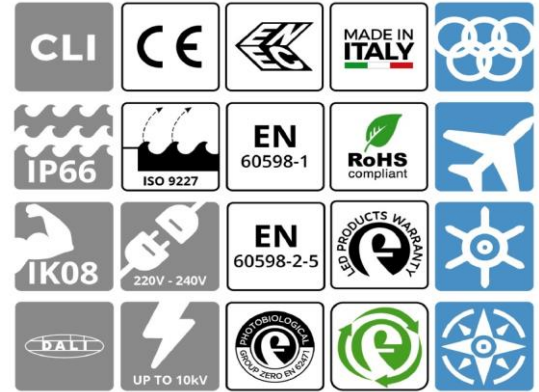


LEDMASTER TWO

ASYMMETRIC OPTIC



GENERAL CHARACTERISTICS	
Type	Floodlight
Applications	large sports areas (HDTV), large areas and airports
MATERIALS AND FINISHES	
<ul style="list-style-type: none"> • One piece body in die-cast aluminum with minimum EN 47100 tittle with low content copper and high resistance to atmospheric agents. • Internal power supply system: cable box (body and rear cover) in die cast aluminium. • External on board and remote power supply system: aluminium cable plate and power supply box in die cast aluminium. • Coated in silver-colored polyester powders (RAL 9006) resistant to UV rays according to ASTM D4587:2011 standard and to salt spray according to EN ISO 9227:2017, with a duration of 3000 hours. • Pressure compensation filters in Teflon. • Gaskets in anti-aging silicone material, removable. • INFINITY protection system: extra-clear tempered glass protection screen, 4mm thick, made in a single piece, without fixing ring. • Stainless steel external captive screws. • Hot deep galvanized steel fixing bracket. • Aluminium visor painted in silver-colored polyester powders (RAL 9006). 	
MECHANICAL CHARACTERISTICS	
<ul style="list-style-type: none"> • Opening provides access to optics and cable box in a single, easy step by by acting on the screws in stainless steel. • To prevent accidental loss of the protection screen during assembly and maintenance, the floodlight is equipped with retention cords. 	
PROTECTION AGAINST SURGES	
<ul style="list-style-type: none"> • CL I: up to 10kV/10kA, both in common and differential mode as in the gear box there's a Surge Protection Device (SPD). • In the configuration with separate driver there are SPDs in direct current for the protection of the LEDs. • In the development of LED lighting systems with LEDMASTER ONE it is essential to introduce other SPD in the general panel (type 1 - f.e. with I_{max} = 100kA), in the area panels (type 1-2 or 2-3 - f.e. with I_{max} = 60kA) and coordinate them with the surge protector of the floodlight. 	
INSTALLATION	
<ul style="list-style-type: none"> • The floodlights that can be easily installed on metal structures or crosspieces thanks to the sturdy hot-dip galvanized steel bracket. 	
TILT REGULATION DEVICES FOR ASYMMETRIC VERSION	
<p>The floodlights are equipped with an aluminum lateral protractor scale and the relative reference on the bracket that allow continuous angular adjustment of the floodlight from -5° to +20°; on the same protractor scale there is an additional reference that allows the adjustment of the device also considering the visor.</p>	



LEDMASTER TWO

ASYMMETRIC OPTIC



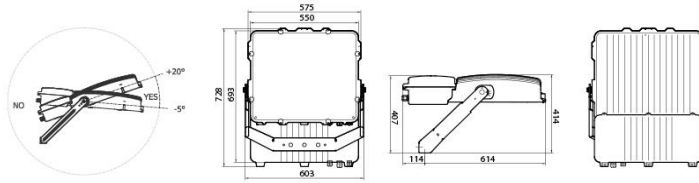
POWER SUPPLY CHARACTERISTICS
<ul style="list-style-type: none"> • Power supply units consisting of a programmable driver with a lifespan greater than 100,000h and only 10% of failure rate. • Electronic power supply with integrated thermal protection with high efficiency and durability intended for external use. • All versions are protected against overloads and surges to protect components and LEDs. • Total harmonic distortion (THD) 20% at full load. • LED driver with thermal protection and short circuit protection. • Power supply cables accesses the device through IP68 cable glands, different according to the configuration. • Power correction factor at full load > 0.9. • Power supply 220 - 240V / 50 - 60 Hz VAC. On request 400V version is also available. • Cable plate complete with easily replaceable electronic unit. • DALI: digital dimming interface via DALI protocol.
ELECTRICAL CONFIGURATIONS
<p>WITH INTERNAL POWER SUPPLY SYSTEM</p> <ul style="list-style-type: none"> • The internal wiring version includes drivers mounted on cable plates easily replaceable. <p>Cable glands:</p> <ul style="list-style-type: none"> • PG16 for supply voltage; • PG13 for DALI bipolar cable (optional).
<p>WITH ON BOARD EXTERNAL POWER SUPPLY SYSTEM</p> <ul style="list-style-type: none"> • The on board external wiring version provides IP67 driver mounted externally to the body. <p>Cable glands:</p> <ul style="list-style-type: none"> • PG16 for supply voltage; • PG13 for DALI bipolar cable (optional).
<p>WITH REMOTE POWER SUPPLY SYSTEM</p> <p>The remote wiring consists of delocalized power supply units, such as towers-based, cabinets or remote location. Power supply groups can be represented by IP20 plates, housed in cabinets or premises, and IP66 plates. The floodlights with delocalized wiring are equipped with a SPD in Vdc for the protection of each LED channel. IP68 cable gland for the connection between the power supply unit and the floodlight for multicore cable.</p> <p>Connection cables between power supply units and floodlight:</p> <ul style="list-style-type: none"> • between 0 and 70m use 1.5 mmq multipolar cables; • between 70 and 100m use 2.5 mmq multipolar cables. <p>Cables type FG16R16 or FG16M16 (for operating temperatures from -40°C to +80°C, use suitable cable like Ölflex classic 110 black type or similar).</p> <p>For the ground connection of the floodlights, it is necessary to use a dedicated single-core earth cable with a cross-section of at least 6mmq, passing through the cable gland. In the wiring box there are four surge protectors that carry the lightning resistance up to 10kV. Possibility of signaling an intervention in the plate panel cabinet.</p>
WISE SOLUTION (optional)
<ul style="list-style-type: none"> • DMX: digital dimming interface via DMX protocol.

LEDMASTER TWO

ASYMMETRIC OPTIC

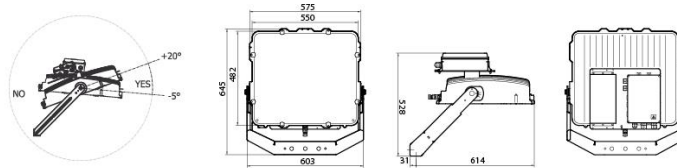
DIMENSIONS

INTERNAL POWER SUPPLY SYSTEM



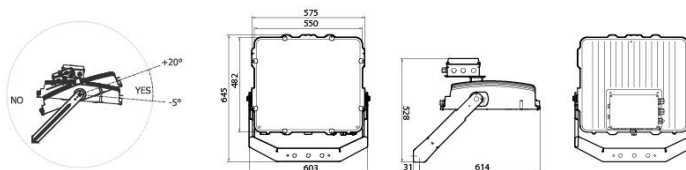
Max weight*	27,50 kg
Lateral exposed surface	0,120m ² / with visor: 0,160m ²
Front exposed surface - tilt 0°	0,120m ² / with visor: 0,200m ²

ON BOARD EXTERNAL POWER SUPPLY SYSTEM



Max weight*	25,00 kg
Lateral exposed surface	0,110m ² / with visor: 0,140m ²
Front exposed surface - tilt 0°	0,120m ² / with visor: 0,200m ²

REMOTE POWER SUPPLY SYSTEM



Max weight*	21,50 kg
Lateral exposed surface	0,100m ² / with visor: 0,140m ²
Front exposed surface - tilt 0°	0,110m ² / with visor: 0,200m ²

* Weight tolerance ± 5%

** Allowed functioning position

On request are available versions with FAEL box for internal and external drivers mounted on the bracket.



LEDMASTER TWO

ASYMMETRIC OPTIC

OPTICAL SYSTEM CHARACTERISTICS

PROFESSIONAL asymmetric optics designed in-house, for professional lighting.

Available in four different light intensities in order to offer a solution that would meet different illumination needs:

- Optic A2, A3, A5 - optic system composed of tech polymer metallized vacuum reflectors.
- Optic A4 - patented FLEXO HP® optic system composed of aluminum reflectors with purest silver layer.

Maximum intensity: > 52°.

Maximum intensity with visor: > 62°.

Optic group easily replaceable.

Optical unit in a single compartment protected by the INFINITY protection system: extra-clear tempered glass protection screen, 4mm thick, made in a single piece, without fixing ring.

Thermal dissipation system by means of cross-sectional cooling fins placed on the upper cover.

High Power LED technology on a pressed aluminum circuit, highly heatdissipating MCPCB (Metal Core Printed Circuit Board).

Color temperature (tolerance ± 400K):

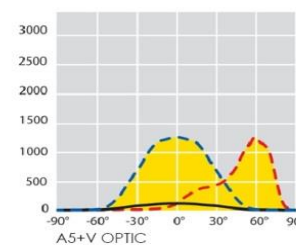
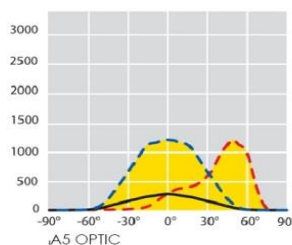
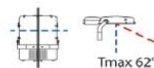
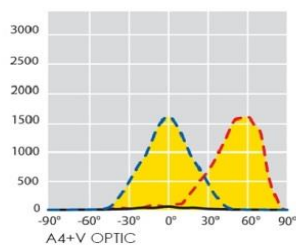
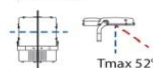
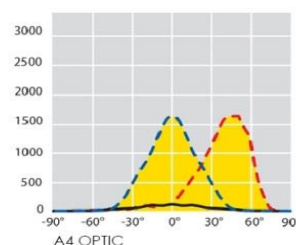
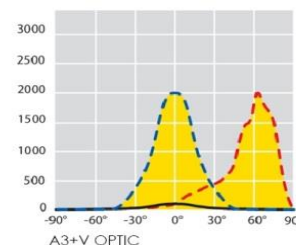
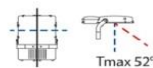
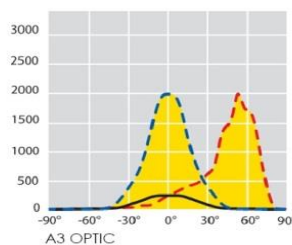
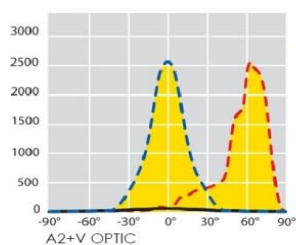
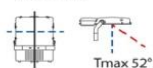
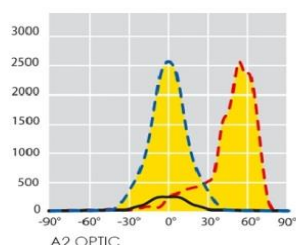
- 5000K – CRI >70;
- 5700K – CRI >80.

The versions from 4000 to 5700K and CRI>90 are available on request.

MAINTENED AVERAGE LUMINOUS FLUX ACCORDING TO LM80 - TM21 STANDARDS

Operating temperature range		
-40°C ÷ +40°C	L80B10	> 100.000 hrs
-40°C ÷ +40°C	L90B10	> 50.000 hrs
-40°C ÷ +55°C	L80B10	> 50.000 hrs

PHOTOMETRIC DATA





LEDMASTER TWO

ASYMMETRIC OPTIC - INTERNAL POWER SUPPLY SYSTEM

CODICI PRODOTTO / PRODUCT CODES									
Codice	Numero di LED	Optica	W (LED+DRIVER)	Flusso luminoso nominale LED	Flusso utile in uscita	Peso lordo	Vol. (m ³)	Temp. Colore / CRI	DESIGN CODE*
Code	Number of LED	Optic		Nominal flux LED (Lumen)	Useful output flux (Lumen)	Gross weight (kg)		Color Temp. / CRI	
86090	60	A2	675	118000	91200	30,80	0,158	5000K - CRI 70	LTWOIDA60-A2-K5070
**	60	A2+V	675	118000	89850	30,80	0,158	5000K - CRI 70	LTWOIDA60-A2VK5070
86091	60	A3	675	118000	91200	30,80	0,158	5000K - CRI 70	LTWOIDA60-A3-K5070
**	60	A3+V	675	118000	89850	30,80	0,158	5000K - CRI 70	LTWOIDA60-A3VK5070
86092	60	A4	675	118000	93030	30,80	0,158	5000K - CRI 70	LTWOIDA60-A4-K5070
**	60	A4+V	675	118000	91640	30,80	0,158	5000K - CRI 70	LTWOIDA60-A4VK5070
86093	60	A5	675	118000	86000	30,80	0,158	5000K - CRI 70	LTWOIDA60-A5-K5070
**	60	A5+V	675	118000	83000	30,80	0,158	5000K - CRI 70	LTWOIDA60-A5VK5070
86281	48	A2	540	95000	73250	29,00	0,158	5000K - CRI 70	LTWOIDA48-A2-K5070
**	48	A2+V	540	95000	72150	29,00	0,158	5000K - CRI 70	LTWOIDA48-A2VK5070
86282	48	A3	540	95000	73250	29,00	0,158	5000K - CRI 70	LTWOIDA48-A3-K5070
**	48	A3+V	540	95000	72150	29,00	0,158	5000K - CRI 70	LTWOIDA48-A3VK5070
86283	48	A4	540	95000	74700	29,00	0,158	5000K - CRI 70	LTWOIDA48-A4-K5070
**	48	A4+V	540	95000	74320	29,00	0,158	5000K - CRI 70	LTWOIDA48-A4VK5070
86284	48	A5	540	95000	67150	29,00	0,158	5000K - CRI 70	LTWOIDA48-A5-K5070
**	48	A5+V	540	95000	65130	29,00	0,158	5000K - CRI 70	LTWOIDA48-A5VK5070
87430	60	A2	675	108500	83900	30,80	0,158	5700K - CRI 80	LTWOIDA60-A2-K5780
**	60	A2+V	675	108500	82650	30,80	0,158	5700K - CRI 80	LTWOIDA60-A2VK5780
87431	60	A3	675	108500	83900	30,80	0,158	5700K - CRI 80	LTWOIDA60-A3-K5780
**	60	A3+V	675	108500	82650	30,80	0,158	5700K - CRI 80	LTWOIDA60-A3VK5780
87432	60	A4	675	108500	85550	30,80	0,158	5700K - CRI 80	LTWOIDA60-A4-K5780
**	60	A4+V	675	108500	84300	30,80	0,158	5700K - CRI 80	LTWOIDA60-A4VK5780
87433	60	A5	675	108500	79100	30,80	0,158	5700K - CRI 80	LTWOIDA60-A5-K5780
**	60	A5+V	675	108500	76350	30,80	0,158	5700K - CRI 80	LTWOIDA60-A5VK5780
87621	48	A2	540	87000	67350	29,00	0,158	5700K - CRI 80	LTWOIDA48-A2-K5780
**	48	A2+V	540	87000	66350	29,00	0,158	5700K - CRI 80	LTWOIDA48-A2VK5780
87622	48	A3	540	87000	67350	29,00	0,158	5700K - CRI 80	LTWOIDA48-A3-K5780
**	48	A3+V	540	87000	66350	29,00	0,158	5700K - CRI 80	LTWOIDA48-A3VK5780
87623	48	A4	540	87000	68700	29,00	0,158	5700K - CRI 80	LTWOIDA48-A4-K5780
**	48	A4+V	540	87000	68350	29,00	0,158	5700K - CRI 80	LTWOIDA48-A4VK5780
87624	48	A5	540	87000	61750	29,00	0,158	5700K - CRI 80	LTWOIDA48-A5-K5780
**	48	A5+V	540	87000	59900	29,00	0,158	5700K - CRI 80	LTWOIDA48-A5VK5780

Multichip LED technology.

ENEC certified floodlight for operating temperatures from -40 to +40 °C.

Ambient performance temperature Tq 25°C.

Floodlight with digital dimming interface via DALI protocol.

Cable glands:

- PG16 for supply voltage;
- PG13 for DALI bipolar cable (optional).

Tolerance flux values +/- 10%.

Tolerance of electrical power values: +/- 5%.

The flux indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

* Design Code: reference code for the design.

** When ordering, both the 5-digit product code without visor and the visor code (60087 or 60091) must be indicated.



LEDMASTER TWO

ASYMMETRIC OPTIC - ON BOARD EXTERNAL POWER SUPPLY SYSTEM

CODICI PRODOTTO / PRODUCT CODES									
Codice	Numero di LED	Optica	W (LED+DRIVER)	Flusso luminoso nominale LED	Flusso utile in uscita	Peso lordo	Vol. (m ³)	Temp. Colore / CRI	DESIGN CODE*
Code	Number of LED	Optic		Nominal flux LED (Lumen)	Useful output flux (Lumen)	Gross weight (kg)		Color Temp. / CRI	
86098	60	A2	675	118000	91200	29,30	0,165	5000K - CRI 70	LTWO--A60-A2-K5070
**	60	A2+V	675	118000	89850	29,30	0,165	5000K - CRI 70	LTWO--A60-A2VK5070
86099	60	A3	675	118000	91200	29,30	0,165	5000K - CRI 70	LTWO--A60-A3-K5070
**	60	A3+V	675	118000	89850	29,30	0,165	5000K - CRI 70	LTWO--A60-A3VK5070
86100	60	A4	675	118000	93030	29,30	0,165	5000K - CRI 70	LTWO--A60-A4-K5070
**	60	A4+V	675	118000	91640	29,30	0,165	5000K - CRI 70	LTWO--A60-A4VK5070
86101	60	A5	675	118000	86000	29,30	0,165	5000K - CRI 70	LTWO--A60-A5-K5070
**	60	A5+V	675	118000	83000	29,30	0,165	5000K - CRI 70	LTWO--A60-A5VK5070
86289	48	A2	540	95000	73250	29,30	0,165	5000K - CRI 70	LTWO--A48-A2-K5070
**	48	A2+V	540	95000	72150	29,30	0,165	5000K - CRI 70	LTWO--A48-A2VK5070
86290	48	A3	540	95000	73250	29,30	0,165	5000K - CRI 70	LTWO--A48-A3-K5070
**	48	A3+V	540	95000	72150	29,30	0,165	5000K - CRI 70	LTWO--A48-A3VK5070
86291	48	A4	540	95000	74700	29,30	0,165	5000K - CRI 70	LTWO--A48-A4-K5070
**	48	A4+V	540	95000	74320	29,30	0,165	5000K - CRI 70	LTWO--A48-A4VK5070
86292	48	A5	540	95000	67150	29,30	0,165	5000K - CRI 70	LTWO--A48-A5-K5070
**	48	A5+V	540	95000	65130	29,30	0,165	5000K - CRI 70	LTWO--A48-A5VK5070
87438	60	A2	675	108500	83900	29,30	0,165	5700K - CRI 80	LTWO--A60-A2-K5780
**	60	A2+V	675	108500	82650	29,30	0,165	5700K - CRI 80	LTWO--A60-A2VK5780
87439	60	A3	675	108500	83900	29,30	0,165	5700K - CRI 80	LTWO--A60-A3-K5780
**	60	A3+V	675	108500	82650	29,30	0,165	5700K - CRI 80	LTWO--A60-A3VK5780
87440	60	A4	675	108500	85550	29,30	0,165	5700K - CRI 80	LTWO--A60-A4-K5780
**	60	A4+V	675	108500	84300	29,30	0,165	5700K - CRI 80	LTWO--A60-A4VK5780
87441	60	A5	675	108500	79100	29,30	0,165	5700K - CRI 80	LTWO--A60-A5-K5780
**	60	A5+V	675	108500	76350	29,30	0,165	5700K - CRI 80	LTWO--A60-A5VK5780
87629	48	A2	540	87000	67350	29,30	0,165	5700K - CRI 80	LTWO--A48-A2-K5780
**	48	A2+V	540	87000	66350	29,30	0,165	5700K - CRI 80	LTWO--A48-A2VK5780
87630	48	A3	540	87000	67350	29,30	0,165	5700K - CRI 80	LTWO--A48-A3-K5780
**	48	A3+V	540	87000	66350	29,30	0,165	5700K - CRI 80	LTWO--A48-A3VK5780
87631	48	A4	540	87000	68700	29,30	0,165	5700K - CRI 80	LTWO--A48-A4-K5780
**	48	A4+V	540	87000	68350	29,30	0,165	5700K - CRI 80	LTWO--A48-A4VK5780
87632	48	A5	540	87000	61750	29,30	0,165	5700K - CRI 80	LTWO--A48-A5-K5780
**	48	A5+V	540	87000	59900	29,30	0,165	5700K - CRI 80	LTWO--A48-A5VK5780

Multichip LED technology.

ENEC certified floodlight for operating temperatures from -40 to +55°C.

Ambient performance temperature Tq 25°C.

Floodlight with digital dimming interface for only dimming of the luminous flux via DALI protocol.

Cable glands:

- PG16 for supply voltage;
- PG13 for DALI bipolar cable (optional).

Tolerance flux values +/- 10%.

Tolerance of electrical power values: +/- 5%.

The flux indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

* Design Code: reference code for the design.

** When ordering, both the 5-digit product code without visor and the visor code (60087 or 60091) must be indicated.



LEDMASTER TWO

ASYMMETRIC OPTIC - REMOTE POWER SUPPLY SYSTEM

CODICI PRODOTTO / PRODUCT CODES									
Codice	Numero di LED	Optica	W (LED+DRIVER)	Flusso luminoso nominale LED	Flusso utile in uscita	Peso lordo	Vol. (m ³)	Temp. Colore / CRI	DESIGN CODE*
Code	Number of LED	Optic		Nominal flux LED (Lumen)	Useful output flux (Lumen)	Gross weight (kg)		Color Temp. / CRI	
86146	60	A2	675	118000	91200	25,80	0,165	5000K - CRI 70	LTWO--A60-A2-K5070
**	60	A2+V	675	118000	89850	25,80	0,165	5000K - CRI 70	LTWO--A60-A2VK5070
86147	60	A3	675	118000	91200	25,80	0,165	5000K - CRI 70	LTWO--A60-A3-K5070
**	60	A3+V	675	118000	89850	25,80	0,165	5000K - CRI 70	LTWO--A60-A3VK5070
86148	60	A4	675	118000	93030	25,80	0,165	5000K - CRI 70	LTWO--A60-A4-K5070
**	60	A4+V	675	118000	91640	25,80	0,165	5000K - CRI 70	LTWO--A60-A4VK5070
86149	60	A5	675	118000	86000	25,80	0,165	5000K - CRI 70	LTWO--A60-A5-K5070
**	60	A5+V	675	118000	83000	25,80	0,165	5000K - CRI 70	LTWO--A60-A5VK5070
86337	48	A2	540	95000	73250	25,80	0,165	5000K - CRI 70	LTWO--A48-A2-K5070
**	48	A2+V	540	95000	72150	25,80	0,165	5000K - CRI 70	LTWO--A48-A2VK5070
86338	48	A3	540	95000	73250	25,80	0,165	5000K - CRI 70	LTWO--A48-A3-K5070
**	48	A3+V	540	95000	72150	25,80	0,165	5000K - CRI 70	LTWO--A48-A3VK5070
86339	48	A4	540	95000	74700	25,80	0,165	5000K - CRI 70	LTWO--A48-A4-K5070
**	48	A4+V	540	95000	74320	25,80	0,165	5000K - CRI 70	LTWO--A48-A4VK5070
86340	48	A5	540	95000	67150	25,80	0,165	5000K - CRI 70	LTWO--A48-A5-K5070
**	48	A5+V	540	95000	65130	25,80	0,165	5000K - CRI 70	LTWO--A48-A5VK5070
87486	60	A2	675	108500	83900	25,80	0,165	5700K - CRI 80	LTWO--A60-A2-K5780
**	60	A2+V	675	108500	82650	25,80	0,165	5700K - CRI 80	LTWO--A60-A2VK5780
87487	60	A3	675	108500	83900	25,80	0,165	5700K - CRI 80	LTWO--A60-A3-K5780
**	60	A3+V	675	108500	82650	25,80	0,165	5700K - CRI 80	LTWO--A60-A3VK5780
87488	60	A4	675	108500	85550	25,80	0,165	5700K - CRI 80	LTWO--A60-A4-K5780
**	60	A4+V	675	108500	84300	25,80	0,165	5700K - CRI 80	LTWO--A60-A4VK5780
87489	60	A5	675	108500	79100	25,80	0,165	5700K - CRI 80	LTWO--A60-A5-K5780
**	60	A5+V	675	108500	76350	25,80	0,165	5700K - CRI 80	LTWO--A60-A5VK5780
87677	48	A2	540	87000	67350	25,80	0,165	5700K - CRI 80	LTWO--A48-A2-K5780
**	48	A2+V	540	87000	66350	25,80	0,165	5700K - CRI 80	LTWO--A48-A2VK5780
87678	48	A3	540	87000	67350	25,80	0,165	5700K - CRI 80	LTWO--A48-A3-K5780
**	48	A3+V	540	87000	66350	25,80	0,165	5700K - CRI 80	LTWO--A48-A3VK5780
87679	48	A4	540	87000	68700	25,80	0,165	5700K - CRI 80	LTWO--A48-A4-K5780
**	48	A4+V	540	87000	68350	25,80	0,165	5700K - CRI 80	LTWO--A48-A4VK5780
87680	48	A5	540	87000	61750	25,80	0,165	5700K - CRI 80	LTWO--A48-A5-K5780
**	48	A5+V	540	87000	59900	25,80	0,165	5700K - CRI 80	LTWO--A48-A5VK5780

Multichip LED technology.

ENEC certified floodlight for operating temperatures from -40 to +55°C.

Ambient performance temperature Tq 25°C.

Floodlight to be combined with power supply units.

Cable gland PG16 for connection between power supply unit and the floodlight, for minimum multipolar cable with 2 conductors without statuscheck of the SPD and 4 conductors with status check of the SPD, with black insulation-tape and numbered with indelible line. Connect the numbered wires of the cable, following the numbering indicated in the terminal blocks of the power supply units and the floodlight.

Connection cables between power supply units and floodlight:

- between 0 and 70m use 1.5 mmq multipolar cables;
- between 70 and 100m use 2.5 mmq multipolar cables.

Cables type FG16R16 or FG16M16 (for operating temperatures from -40°C to +80°C, use suitable cable like Ölflex classic 110 black type or similar).

For the ground connection of the floodlights, it is necessary to use a dedicated single-core earth cable with a cross-section of at least 6mmq, passing through the cable gland. In the wiring box there are four surge protectors that carry the lightning resistance up to 10kV. Possibility of signaling an intervention in the plate panel cabinet.

Tolerance flux values +/- 10%.

Tolerance of electrical power values: +/- 5%.

The flux indicated in the table may be changed and improved according to the constant technical evolution of the light efficiency of the led.

* Design Code: reference code for the design.

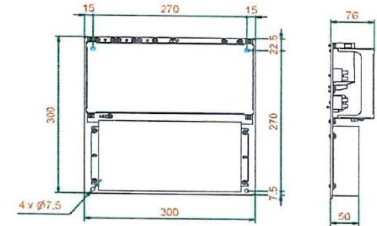
** When ordering, both the 5-digit product code without visor and the visor code (60087 or 60091) must be indicated.

LEDMASTER TWO

POWER SUPPLY UNITS FOR ASYMMETRIC VERSION WITH REMOTE POWER SUPPLY SYSTEM



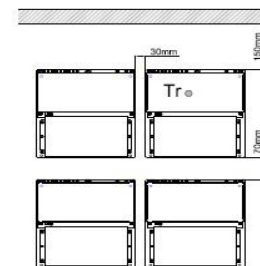
POWER SUPPLY UNITS FOR CABINETS OR LOCAL UNITS - IP20 PLATE	
Electrical components for LED floodlights	max 675W
Max dissipated power from single plate	80W
Components holder plate	in aluminium
Net weight (max)	5,00 kg 5,50 kg (DMX version)
Mechanical device for the electrical connection	with 6mm ² power supply terminals
	with 4mm ² DALI/1-10V terminals
	with XLR IN/OUT connectors for DMX signal
Wiring for power supply voltages	
DALI (standard)	220-240V / 50 - 60 Hz
DALI (on request)	400V / 50 - 60 Hz
1-10V (on request)	220-240V / 50 - 60 Hz
1-10V (on request)	400V / 50 - 60 Hz
DMX (on request)	220-240V / 50 - 60 Hz
DMX (on request)	400V / 50 - 60 Hz



Code	Type	To match with	Gross Weight (kg)	Vol. (m ³)
71737	IP20 230V DALI (1900mA)	from 86146 to 86149	5,40	0,011
		from 86337 to 86340		
		from 87486 to 87489		
		from 87677 to 87680		

Power supply unit with digital dimming interface for only dimming of the luminous flux via DALI protocol.

Power supply units suitable for maximum ambient temperature, outside the electrical cabinet or inside the local unit, of 25°C - no forced ventilation needed.
For maximum ambient temperature of 40°C, outside the cabinet, cabinet forced ventilation is required. The temperature in free air (Tr), inside the cabinet, above the upper central plates, must be kept at Tmax 60°C, as shown in figure. The cabinet must be protected with a suitable IP rating from direct solar radiation.
For ambient temperature around the cabinet above 40°C, the plates must be placed in a cabinet or air-conditioned local units.

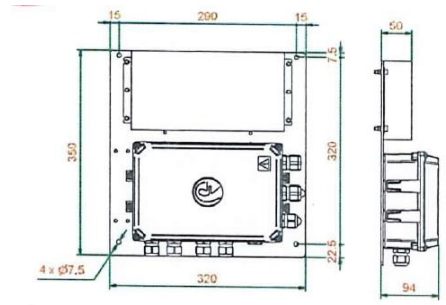


LEDMASTER TWO

POWER SUPPLY UNITS FOR ASYMMETRIC VERSION WITH REMOTE POWER SUPPLY SYSTEM



POWER SUPPLY UNIT FOR CABINETS OR LOCAL UNITS - IP66 PLATE	
Electrical components for LED floodlights	max 675W
Components holder plate	in aluminium
Junction box and power supply	in die cast aluminium
Driver	mounted on aluminium plate
Opening the junction box and power supply	through 4 stainless steel screws
Junction box and power supply gaskets	in anti-aging rubber
Power supply input hole	with PG16 cable clamp and 6mm ² clamp
DALI line power supply input hole	with PG13.5 cable clamp and 4mm ² clamp
Output holes for driver-floodlight output connection	with PG16 cable gland
Operating temperature	-40°C ÷ +55°C
Net weight (max)	6,5 kg
Wiring for power supply voltages	
DALI (standard)	220-240V / 50 - 60 Hz
DALI (on request)	400V / 50 - 60 Hz
1-10V (on request)	220-240V / 50 - 60 Hz
1-10V (on request)	400V / 50 - 60 Hz
DMX (on request)	220-240V / 50 - 60 Hz
DMX (on request)	400V / 50 - 60 Hz



Code	Type	To match with	Gross Weight (kg)	Vol. (m ³)
71743	IP66 230V DALI (1900mA)	da 86146 a 86149	7,00	0,017
		da 86337 a 86340		
		da 87486 a 87489		
		da 87677 a 87680		

Power supply unit with digital dimming interface for only dimming of the luminous flux via DALI protocol.

Do not install in closed cabinets.
 Installable power supply unit:
 - on the ground,
 - on shelf, in a horizontal position, keeping the minimum distances as shown in figure.
 Keep the temperature in free air Tr max 55°C.
 In any case, it must not be installed on the wall in a horizontal and/or vertical position.

