

# LASER+ 20 A/M

Part number 3107686



## Description

LED floodlight for indoor and outdoor, comprising:

- Die-cast aluminium bearing structure polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- UV and heat stabilised, technopolymer diffuser with integral custom moulded optics
- High-transparency polycarbonate optics
- Anti-ageing custom moulded silicone sealing gasket(s) with resilient elastic return capacity
- High-efficiency die-cast aluminium heat sink
- Die-cast aluminium electrical connection box polyester powder coat finish ISO 9227/19244 - ISO 9233 (C5)
- IP66-rated, PA66 polyamide, fast connector allows mains connection through power supply unit without opening the luminaire, for cables Ø13 - Ø18 mm 7 pins (LASER+ 30 versions), or 5 pins (LASER+ 20 models)
- Light beam obtained by the combination of multiple LED modules
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory
- Die-cast aluminium bracket, polyester powder coat prior surface chemical conversion
- Stainless steel locking hardware
- All LASER+ power consumption includes power unit losses
- Integral graduated goniometer for aiming purposes
- For LASER+ 20/30 models use only the power supply units available as accessories (ordered separately)
- IP66-rated power control gears available in DALI and DMX-RDM. Maximum distance of 100 m cable length between control gear and luminaire
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM)
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08
- Design by GIORGIO LODI

To maintain the regular updating of our products, PERFORMANCE in LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website [www.performanceinlighting.com](http://www.performanceinlighting.com). Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at [www.performanceinlighting.com/qr/qr/company/terms-and-conditions](http://www.performanceinlighting.com/qr/qr/company/terms-and-conditions)

## Product data

ETIM Group:	EG000027	ETIM Class:	EC001744
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## General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	177000	Luminaire wattage [W]:	1053 W
CRI:	70	Kelvin:	4000
Colour / Finish:	GR-94 / Metallic grey / Textured	IP degree of protection:	IP66
IK-J-xxIP:	IK09 13J xx7	Insulation class:	I
Optic:	ASYMMETRIC MEDIUM	Beam angle:	60°
Net weight [kg]:	23.939	Overall length [mm]:	781
Overall width [mm]:	776	Overall height [mm]:	102

## Mechanical features

Shape:	RECTANGULAR	Housing material:	ALUMINIUM
Diffuser material:	PLASTIC	Glow wire test [°C]:	960 °C
Frontal exposed area [m²]:	0.08	Lateral exposed area [m²]:	0.07
Top exposed area [m²]:	0.37		

## Electrical features

Power factor / COS $\Phi$ :	>0.9
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## Installation

Application area:	Outdoor	Mounting type:	Sports / High Powered Floodlighting
Min. ambient temperature [°C]:	-40	Max. ambient temperature [°C]:	40
Min. distance from lighted object [m]:	1.00		

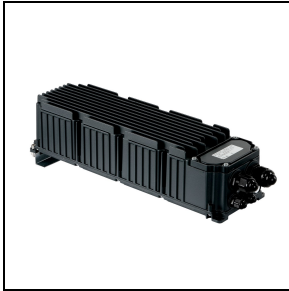
## Light features

MacAdam:	5	Lumen maintenance:	L80B10@50000h
Distribution of light emission:	Direct	Luminous Intensity Class:	G3
Zero light pollution (ULR = 0%):			

## Control gear

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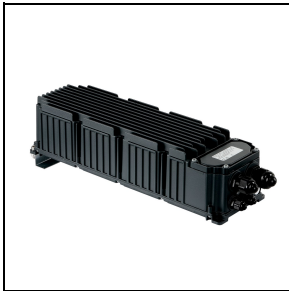
### LASER+ 20 - DALI - 2CH



**3109423**

Driver box 1000 - 1,4 A - 2 CH - DALI

### LASER+ 20 - DMX - 2CH



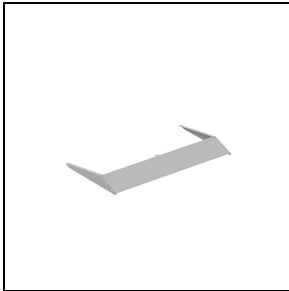
**3109424**

Driver box 1000 - 1,4 A - 2 CH - DMX

## Optional accessories

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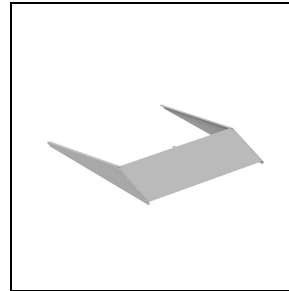
### LASER+ 20



**3115077**

Louvre LASER+ 20 - 5°

■ GR-94 / Metallic grey



**3115078**

Louvre LASER+ 20 - 10°

■ GR-94 / Metallic grey

### LASER+



**3116553**

Pointer support