

## LASER+ 30 A/M



<b>Part number</b>	3112022
<b>Lampholder:</b>	LED
<b>Light source:</b>	LED
<b>Wattage:</b>	1592 W
<b>Finishing:</b>	GR-94 / Metallic grey / Textured
<b>Insulation class:</b>	I
<b>IP degree of protection:</b>	IP66
<b>IK-J-xxIP:</b>	IK09 13J xx7
<b>CRI:</b>	70
<b>Kelvin:</b>	5700
<b>Power factor / COS Φ:</b>	>0.9
<b>Optic:</b>	Asymmetric medium reflector
<b>Beam angle:</b>	30°
<b>Lightsource lumen output (lm):</b>	254700 lm
<b>L:</b>	L80
<b>B:</b>	B10
<b>Lifetime:</b>	50000 h
<b>Min. ambient temperature (°C):</b>	-40
<b>Max. ambient temperature (°C):</b>	40
<b>Luminous Intensity Class:</b>	G*6

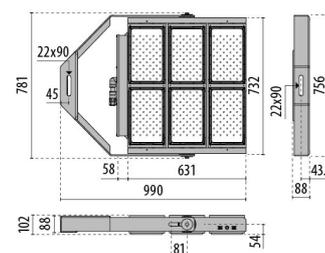


### Description

- High-power LED floodlight for indoor and outdoor lighting, comprising:
- Die-cast aluminium bearing structure chemically pretreated and painted with polyester powder coating ISO 9227
  - Diffuser with integrated louvre in UV, heat stabilised, transparent technopolymer
  - High-transparency polycarbonate lenses grant an optimized light transmission
  - High resiliency anti-ageing silicone gasket with high elastic return capacity
  - High-efficiency die-cast aluminium heat sink
  - Die-cast aluminium electrical connection box polyester powder painted after chemical conversion treatment of the surface
  - IP66 quick connector allows electrical connection with the power supply unit without opening the luminaire, made in PA66 polyamide; 7 pins for Ø 13 - Ø 18 mm cables (LASER+ 30), or 5 pins for Ø13 - Ø18 mm cables (LASER+ 20)
  - Light beam obtained by the combination of multiple LED modules
  - Stainless steel external screws
  - Galvanised polyester powder painted steel bracket
  - The LASER+ power consumption includes the losses of the power unit
  - Graduated goniometer for aiming purposes
  - LASER+ 30 and LASER+ 20 have adjustable optics assemblies  $\pm 20^\circ$  (in LASER+ 30 the upper assembly and the lower assembly, in LASER+ 20 only the lower assembly) that allow the light distribution to be optimised based on the system.
  - To connect the LASER+ use the control gears supplied as accessories only
  - IP66 DALI and DMX512-RDM dimming power control gears available. The electrical connection between control gear and floodlight must take place with a maximum cable length of 100 metres
  - Correctly match the floodlight with the control gear. Pay attention to the models and the number of connection channels: two channels (2CH) and three channels (3CH)
  - All the power supply units are protected against mains surges of up to 10 kV (CM and DM).

### Photometric data

### Technical drawings



- The LASER+ 10 version integrates the control gearbox, placed in a painted, sheet metal compartment. The electrical connection takes place in a specific polyamide box through an M25x1.5 anti-tearing cable gland for Ø 9 - Ø 16 mm cables
- The LASER+ 10 versions are complete with supplementary device for protection against mains surges of up to 10 kV (CM and DM)
- LASER+ 10 is standard equipped with DALI driver. Versions with DMX512-RDM dimming available. Consult factory
- Replaceable LED modules (future-proof). The replacement must be carried out by qualified personnel.
- For other colour temperatures and different colour rendering index consult factory
- For UP LIGHT installation, consult factory
- Design by GIORGIO LODI
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08

## CONTROL GEAR

### LASER+ 30 - DALI - 3CH



3109421  
Driver box 1500 - 1,4 A - 3 CH - DALI

### LASER+ 30 - DMX - 3CH



3109422  
Driver box 1500 - 1,4 A - 3 CH - DMX

