

High efficiency LED flood light luminaires designed to provide uniform illumination in open spaces. Design and construction of the luminaires is characterized by its high luminous efficiency, extremely long service life. Sturdy construction makes Aston especially suitable for areas where a high level of robustness is required.

### Product Description

- Housing made of aluminium & self supported steel frame work
- High efficiency polycarbonate optical lens
- Excellent thermal management heat sink
- Luminous flux up to 7200 lm  $\pm$  300 lm (60W)
- Efficiency up to 120 lm/W
- Mounting bracket to facilitate proper aiming of the luminaire at desired angle during installation.
- Available in 12° / 25° / 40° / 60°
- Cable entries for through-wiring of mains supply cable.
- Luminaire supplied with fast IP67 Connectors.
- Integral constant current power supply
- CRI ( Ra ) : >70
- Prewired with LED driver and suitable for operating on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-6420-CCT (Colour Temperature)
- Available CCT : 3000K, 4000K, 5700K, Amber (25°)



### Product Benefits

- High luminous efficiency at reduced wattage.
- Versatile use, Simple installation
- Varied optics
- Sustainable LED technology offers durability and optimal light output with low power consumption.

### Area of Application

Sports Lighting, Industrial sector, Ware houses, Cold storage, Logistic hubs, Commercial & Business centres and Area Lighting.

### Available Finish

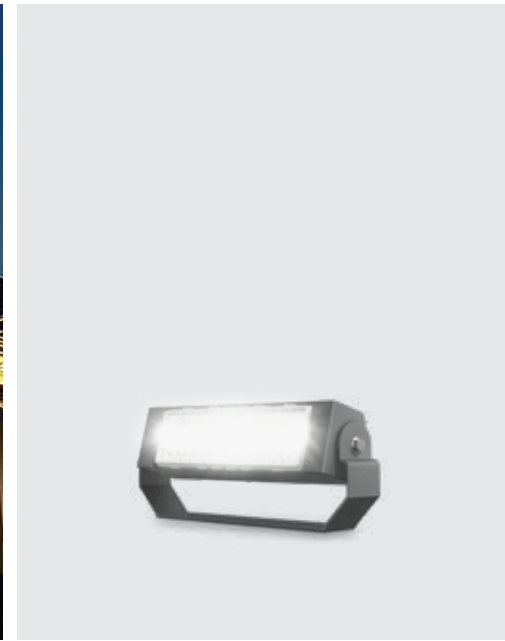
Pure polyester powder coated Graphite grey.

### Accessories



Anti Glare Shield





### Technical Specifications

#### General

ID	: 6420
System Wattage	: 60W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

#### Light Source

Light Source	: LUMILED
LED Lumens	: Upto 9000 lm
CRI (Ra)	: ≥70
LED Colour Temperature	: 3000K / 4000K / 5700K Amber(25°)

#### Driver

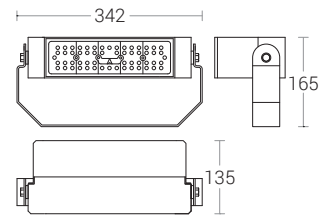
Power Supply	: Integral
Power Factor	: >0.95
THD	: <7.8%
Surge Protection	: 4KV
Efficiency	: >90%

#### Physical

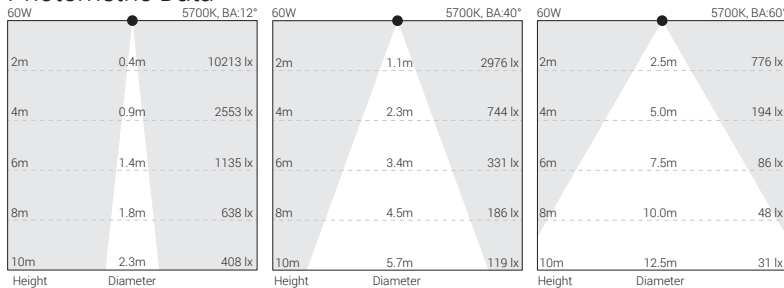
Body	: Extruded Aluminium
Diffuser	: Polycarbonate Optical Lens
Mounting	: Surface - Bracket / Pole - Bracket
Finish	: Graphite Grey

#### Optical Performance

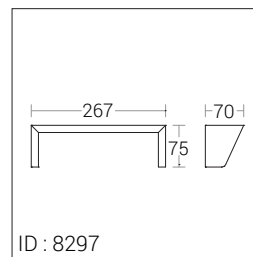
Colour Temperature	: 3000K
Luminous flux	: 7396 lm 60°
Beam Angle	: 12° / 25° / 40° / 60°



### Photometric Data



### Accessories



ID : 8297  
Anti Glare Shield