

High efficiency LED flood lights designed to provide directional spot light. The product design and construction of the luminaires are characterized by high luminous efficiency, an extremely long service life and uniform illuminance. Their sturdy construction makes them particularly suitable for areas where a high level of robustness is required.

Product Description

- Extruded aluminium hood cover integrated with die-cast module and extruded aluminium alloy (grade 6063) tube.
- Heat resistant polycarbonate optical lens.
- Mounting bracket to facilitate proper aiming of the luminaire at desired angle.
- Available in 10°, 28° & 45° beam angles
- Cable entries for through-wiring of mains supply cable.
- Integral constant current power supply
- CRI (Ra) : >80
- Suitable for operation on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-6805-CCT (Colour Temperature)
- Available CCT : 3000K, 4000K, 5700K (RGB & Special colour on request)



Product Benefits

- High luminous efficiency at reduced wattage.
- Elegant, Robust design
- Sustainable LED technology offers durability and optimal light output with low power consumption.

Area of Application

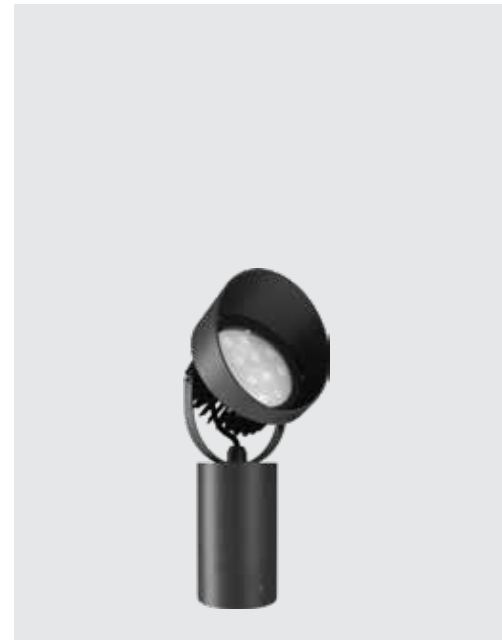
Architectural and building facade lighting, Pathways, Parks, Sculptures, Structures and Security lighting.

Available Finish

Pure polyester powder coated

- Graphite grey
- Anthracite grey
- Jet black





Technical Specifications

General

| | |
|-----------------------|--------------------|
| ID | : 6805 |
| System Wattage | : 45W LED |
| Driver Integrated | : Constant Current |
| Input Voltage | : 230-240Vac |
| Frequency | : 50-60Hz |
| Operating Voltage | : 100-277Vac |
| Operating Temperature | : -15°C~+50°C |

Light Source

| | |
|------------------------|----------------------------------------------------------------|
| Light Source | : NICHIA |
| LED Lumens | : 6750 lm |
| CRI (Ra) | : >80 |
| LED Colour Temperature | : 3000K / 4000K / 5700K RGB & Special Colours On Request |

Physical

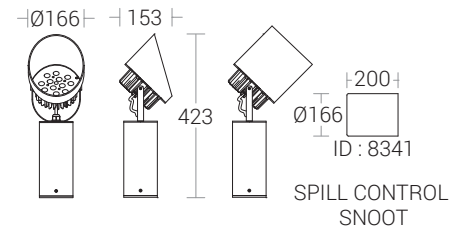
| | |
|----------|-----------------------------------------------------------------|
| Body | : Die-Cast Aluminium with Extruded Aluminium Tube |
| Diffuser | : Polycarbonate Optical Lens |
| Mounting | : Surface |
| Finish | : Powder Coated Graphite Grey / Jet Black Anthracite Grey |

Driver

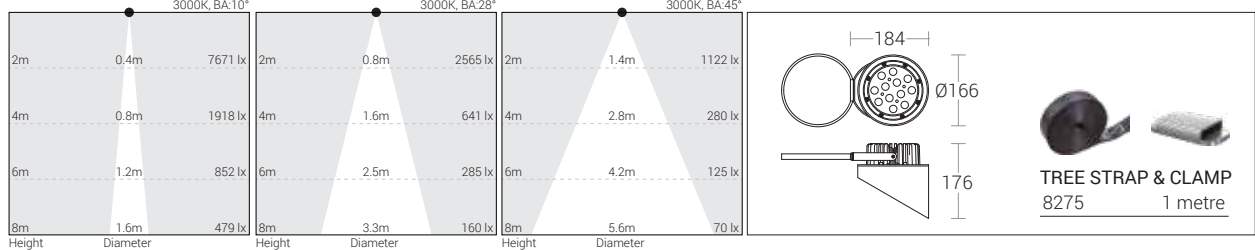
| | |
|------------------|-------------------------------------|
| Power Supply | : Integral |
| Power Factor | : >0.95 |
| THD | : <10% |
| Surge Protection | : 6KV |
| Efficiency | : >85% |
| Dimmable Option | : Analog / Dali & RGB Controller |

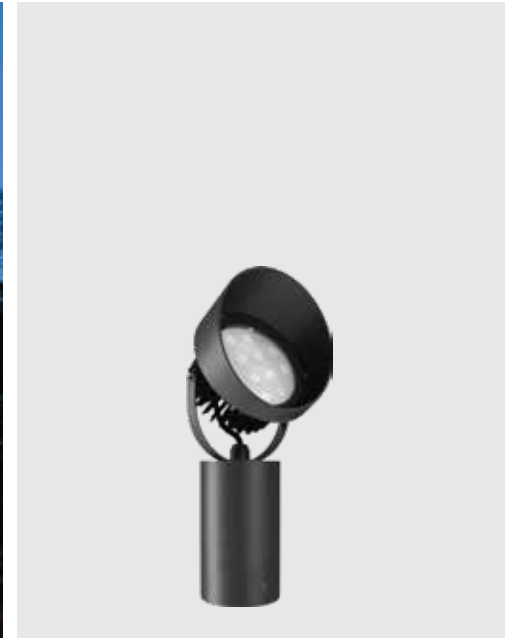
Optical Performance

| | |
|--------------------|-------------------------------|
| Colour Temperature | : 3000K / 4000K / 5700K |
| Luminous flux | : 3772 / 4015 / 4272 lm (28°) |
| Beam Angle | : 10° / 28° / 45° |



Photometric Data





Technical Specifications

General

| | |
|-----------------------|--------------------|
| ID | : 4286 |
| System Wattage | : 30W LED |
| Driver Integrated | : Constant Current |
| Input Voltage | : 230-240Vac |
| Frequency | : 50-60Hz |
| Operating Voltage | : 100-277Vac |
| Operating Temperature | : -15°C~+50°C |

Light Source

| | |
|------------------------|----------------------------------------------------------------|
| Light Source | : NICHIA |
| LED Lumens | : 4500 lm |
| CRI (Ra) | : >80 |
| LED Colour Temperature | : 3000K / 4000K / 5700K RGB & Special Colours On Request |

Physical

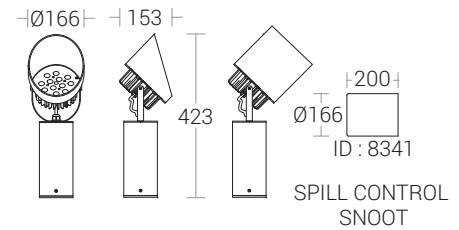
| | |
|----------|-----------------------------------------------------------------|
| Body | : Die-Cast Aluminium with Extruded Aluminium Tube |
| Diffuser | : Polycarbonate Optical Lens |
| Mounting | : Surface |
| Finish | : Powder Coated Graphite Grey / Jet Black Anthracite Grey |

Driver

| | |
|------------------|-------------------------------------|
| Power Supply | : Integral |
| Power Factor | : >0.90 |
| THD | : <10% |
| Surge Protection | : 4KV |
| Efficiency | : >85% |
| Dimmable Option | : Analog / Dali & RGB Controller |

Optical Performance

| | |
|--------------------|-------------------------|
| Colour Temperature | : 3000K / 4000K / 5700K |
| Luminous flux | : 2766 / 3319 / 3082 lm |
| Beam Angle | : 10° / 28° / 45° |



PhotometricData

