

Sirius Product Datasheet

High Output Recessed Downlight

Product Data

| | |
|------------------|----------------|
| Warranty | 5 years |
| Applications | Interior |
| Certification(s) | UKCA, CE, RoHS |

Physical Data

| | |
|-----------------------|-----------------------------|
| Colour Finish | White Black |
| Luminaire Fixing | Recessed |
| Construction Material | Aluminium |
| Diffuser Type | Polycarbonate - TP(a) rated |
| Unit Weight (Kg) | 1.6 |

Electrical Data

| | |
|----------------------|------------|
| Voltage Range | AC220-240V |
| Power Factor | >0.90 |
| Inrush Current | <30A |
| Protection Class IEC | Class II |

Performance Data

| | |
|-----------------------|---|
| Efficacy | ~105 Lm/W |
| Operating Temperature | -20°C to +45°C (0°C to 40°C for emergency) |
| Beam Angle | 60° |
| Operating Hours | >50000 |
| CRI | >90 Ra |
| Flicker-free | Yes |
| IP Rating | IP20 |
| IK Rating | IK08 |
| Macadam Ellipse | ≤3 sdcM |
| L70 B50 | 100,000 hours |
| L80 B50 | 90,000 hours |
| L90 B50 | 42,000 hours |
| LEDs | Single bin CREE COB |

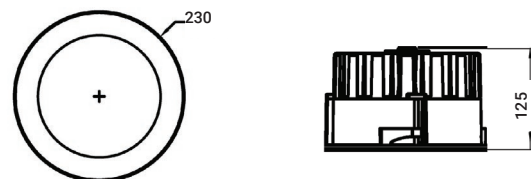
Designed to reduce glare



Part Codes

| | Wattage | Kelvin | Lumens | Running Current |
|----------------|---------|--------|--------|-----------------|
| R093401/3K/24W | 24W | 3000K | 2511 | DC750mA |
| R093401/4K/24W | 24W | 4000K | 2525 | DC750mA |
| R093401/3K/42W | 42W | 3000K | 4401 | DC1100mA |
| R093401/4K/42W | 42W | 4000K | 4418 | DC1100mA |

Dimensions (mm)



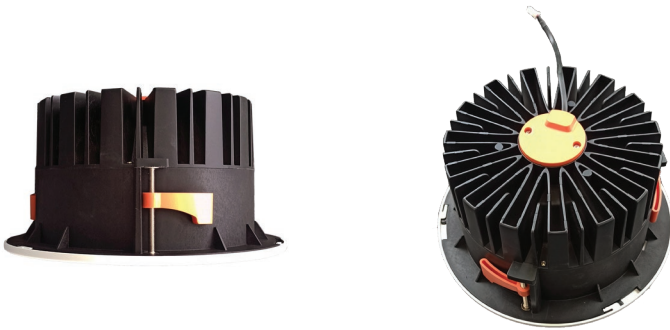
Cutout: 210

Sirius Family

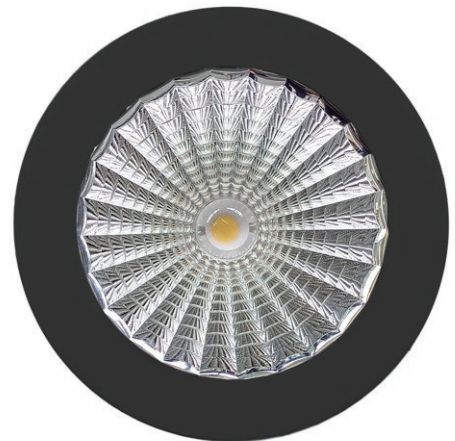
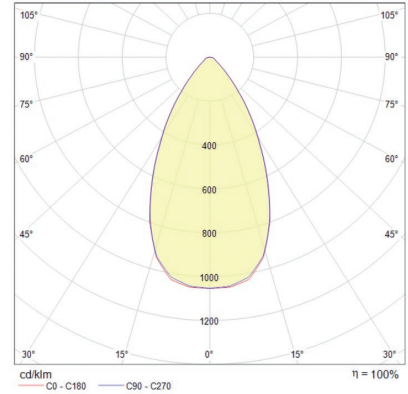
Part Code: R093401

| Suffix | Option | |
|--------|---------------|---|
| /WT | White Bezel | } 1 st add bezel finish suffix |
| /BK | Black Bezel | |
| /3K | 3000 Kelvin | } 2 nd add colour temperature suffix |
| /4K | 4000 Kelvin | |
| /24W | 24 Watt | } 3 rd add wattage |
| /42W | 42 Watt | |
| /DH | Mains dimming | } Then, add dimming suffix (if applicable) |
| /DD | DALI dimming | |
| /DL | 0-10V dimming | |
| /DSI | DSI dimming | |

Example: R093401/BK/3K/24W
Sirius 24W in 3000K, with black bezel



Light Distribution:



Sirius add on items

| Part code | Option |
|------------------|-----------------------------|
| R10-03(SM) | Emergency Pack |
| R10-03(SM)/DDPRO | DALI Addressable R10-03(SM) |