

# Blackstar

Indoor Lighting - Recessed Lighting



## Colour Options



Ral 9016



Ral 9006



Ral 9005

## TECHNICAL INFORMATION

|                 |                                  |
|-----------------|----------------------------------|
| <b>Housing</b>  | Metal Sheet                      |
| <b>Diffuser</b> | High Transmittance Opal Diffuser |
| <b>Paint</b>    | Electrostatic Powder Paint       |

## OPTICAL SPECIFICATIONS

|                           |              |
|---------------------------|--------------|
| <b>Optics</b>             | Symmetrical  |
| <b>Light Output Angle</b> | 80°          |
| <b>UGR Value</b>          | UGR ≤ 19     |
| <b>CRI</b>                | CRI ≥ 80     |
| <b>Color Bin Value</b>    | Mc Adams ≤ 3 |

## ELECTRICAL

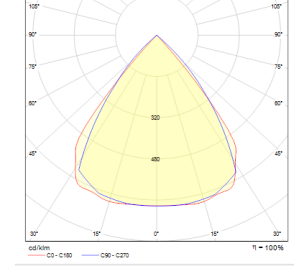
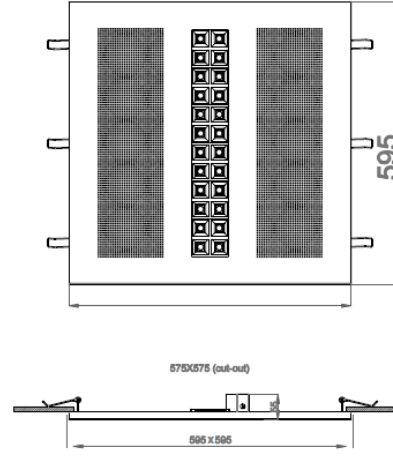
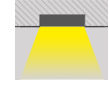
|                            |                                         |
|----------------------------|-----------------------------------------|
| <b>Power (W)</b>           | 35W                                     |
| <b>Power Factor</b>        | >0.95                                   |
| <b>Light Source</b>        | SMD High Power LED                      |
| <b>Cabling</b>             | Halogen-Free                            |
| <b>Input Voltage</b>       | 220-240V AC / 50-60 Hz                  |
| <b>LED Driver</b>          | High Efficiency Constant Current Output |
| <b>Ambient Temperature</b> | -20°C / +50°C                           |
| <b>LED Lifetime L80B50</b> | >50.000 Hour                            |

## OPTIONAL

|                               |                           |
|-------------------------------|---------------------------|
| - DALI                        | - 1-10V DIM               |
| - Tunable White               | - Emergency Lighting Unit |
| - CRI > 90                    | - 2700K ~ 6500K           |
| - Different RAL Color Options | - Plug-in Connector       |
| - Class-I Protection Class    | - PIR Sensor              |
| - AC-DC Supply(MBS)           |                           |

## ASSEMBLY

**Installation Type** Under Plaster



| Order Code      | W  | Lm   | CCT  | CRI   | WxLxH (mm) | Cut-out dimensions (mm) |
|-----------------|----|------|------|-------|------------|-------------------------|
| 02179.66.40.050 | 35 | 5000 | 4000 | Ra>80 | 595x595x55 | 575x575                 |

