



**ABBY**  
LIGHTING

48VDC 50/60Hz



CRI 80

IP20

L80B10  
>50,000h

MacAdam  
Step 3

UGR<16

Optional

Bluetooth

Dimmable

Tunable  
White

CRI 90

## Dark Magic 48V 36 | 12.6W

### Product Reference

Environment Indoor

Installation Track Mounted

### Construction & Materials

Housing Extruded Aluminium

Primary Lens -

Primary Reflector -

Secondary Reflector Black Raster - PC

Body Finish Black

Diffuser -

Antiglare Baffle -

### Thermal Management

Heat Sink Material Aluminium

Cooling Technique Passive Cooling

### Optical System

Beam Direction Fixed

Tilt No

Swivel No

### Electrical System

Driven with Constant Voltage Driver

Input Voltage/Hz 48V

Control Gear Included

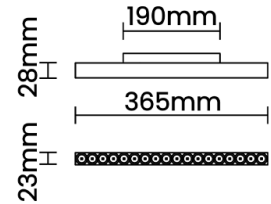
Mounting Remote

LED Power Watts 12.5W

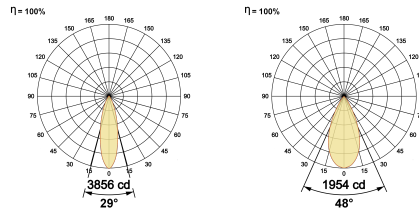
System Power Watts -

Operating Voltage Vin 48V

Power Factor p.f. -



### Light Distribution



### LED Technology

Binning 3 Step MacAdam

LED Life Time @ L80/B10 >50000 hours

Colour Rendering (CRI) CRI80,CRI90

Led Type SMD high power

LED Fitted Cree 3030 LED 33V-36Vdc/350mA

### Controls

Standard Switchable On/Off

Optional DDIM,BTMT,CASAMBI,Non Dimmable

### Ordering Details

| Code Example: | Name              | Watt  | CCT   | CRI   | Angle   | Finish | Control |
|---------------|-------------------|-------|-------|-------|---------|--------|---------|
|               | Dark Magic 48V 36 | 12.6W | WW27K | CRI80 | 29°(MD) | SBL    | On/Off  |

Select one from each column with highlighted values to create the ordering code

| NAME              | WATT  | LUMEN       | EFFICACY | CCT   |       | CRI   | ANGLE   | FINISH |     | CONTROL            |        |
|-------------------|-------|-------------|----------|-------|-------|-------|---------|--------|-----|--------------------|--------|
| Dark Magic 48V 36 | 12.6W | 1327        | 107      | 2700K | WW27K | CRI80 | 29°(MD) | Black  | SBL | Non Dimmable       | On/Off |
|                   |       | 1364        | 110      | 3000K | WW30K | CRI90 | 48°(WD) |        |     | Dali Dimmable      | DDIM   |
|                   |       | 1438        | 116      | 4000K | NW40K |       |         |        |     | Bluetooth Dimmable | BTTM   |
|                   |       | 1463        | 118      | 5700K | CW57K |       |         |        |     | Casambi            | CBTM   |
|                   |       | 2700K-5700K |          | TW    |       |       |         |        |     |                    |        |
| Dark Magic 48V 36 | 12.6W |             |          | WW27K |       | CRI80 | 29°(MD) | SBL    |     | On/Off             |        |