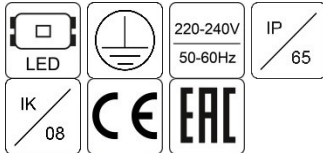


GRUS M&B LED

Outdoor Accent Lighting



Images for the product family and options:



Description: Surface mounted accent LED luminaire
Light distribution type: direct
Optical system: lenses, tempered glass diffuser, impact resistant
Housing: aluminium
Colour: dark grey (RAL7043)

General data: Mains voltage: 220-240V, 50/60Hz
LED lifetime, h: 50000/L70B50
SDCM: 5
Protection class IEC: I
Ingress protection code: IP65
Mechanical impact resistance: IK08
Operating temperature range, °C: ta -25...+40

Installation: On the horizontal or vertical surface. Push-in terminal, 3x2x2.5mm²

Environment: Outdoor

Application: Facade illumination, public space



Accessories for better glare control are available on request. Please use short names when placing order (Grus LED Louver D230 for GRUS M LED version and Grus LED Louver D310 for GRUS B LED version)

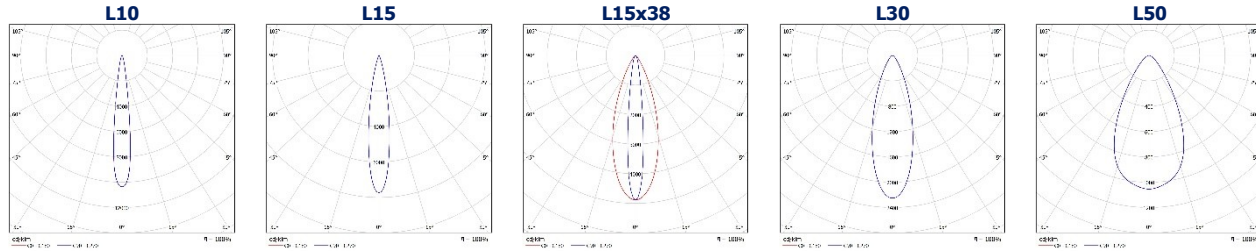
| Product | Length, mm | Width, mm | Height, mm | Luminaire output*, lm | System power*, W | System efficacy*, lm/W | CRI | CCT*, K | Weight, kg |
|---------------------------------|------------|-----------|------------|-----------------------|------------------|------------------------|-----|---------|------------|
| Grus M LED1x3800 C399 T730 L30 | 230 | 230 | 118 | 3589 | 31,7 | 118 | 70+ | 3000 | 3,70 |
| Grus M LED1x5300 C400 T730 L30 | 230 | 230 | 118 | 5069 | 49,3 | 107 | 70+ | 3000 | 3,70 |
| Grus M LED1x5900 C401 T730 L30 | 230 | 230 | 118 | 5655 | 57,1 | 103 | 70+ | 3000 | 3,70 |
| Grus M LED1x3800 C399 T740 L30 | 230 | 230 | 118 | 3739 | 31,7 | 118 | 70+ | 4000 | 3,70 |
| Grus M LED1x5300 C400 T740 L30 | 230 | 230 | 118 | 5280 | 49,3 | 107 | 70+ | 4000 | 3,70 |
| Grus M LED1x5900 C401 T740 L30 | 230 | 230 | 118 | 5891 | 57,1 | 103 | 70+ | 4000 | 3,70 |
| Grus B LED1x8400 C413 T740 L30 | 310 | 310 | 137 | 8396 | 73,3 | 115 | 70+ | 4000 | 6,50 |
| Grus B LED1x10600 C414 T740 L30 | 310 | 310 | 137 | 10560 | 98,7 | 107 | 70+ | 4000 | 6,50 |
| Grus B LED1x12000 C415 T740 L30 | 310 | 310 | 137 | 11977 | 116,9 | 102 | 70+ | 4000 | 6,50 |

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. NORTHCLIFFE LIGHTING is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

TECHNICAL DATA SHEET

Available options:

| | | | |
|---------------------|---|------|---|
| DALI | Driver with DALI interface and switch-control dimming | T730 | Colour temperature 3000K, CRI 70+ (subject to minimum order quantity) |
| *note - DALI option | not applicable for models: C415 | T740 | Colour temperature 4000K, CRI 70+ |
| L10 | Optics with 10x10° beam angle | | |
| L15 | Optics with 15x15° beam angle | | |
| L15x38 | Optics with 15x38° beam angle | | |
| L30 | Optics with 30x30° beam angle (standard) | | |
| L50 | Optics with 50x50° beam angle | | |



Available accessories:



Product: Grus M LED Louver D230
Description: Grus M LED louver for better glare control



Product: Grus B LED Louver D310
Description: Grus B LED louver for better glare control

Applications:

