

This surface mounted fixed downlight uses the highly efficient and wide ranging interchangeable GIRO reflector system. With a wide range of light colours and qualities plus phase or DALI dimming options the GIRO Surface Downlight will bring wide range of spaces to light efficiently and reliably. Manufactured from Aluminium & steel and polyester powder coated this luminaire will last for many years to come.

Applications:

- Retail
- Restaurant
- Architectural
- Commercial
- Exhibition

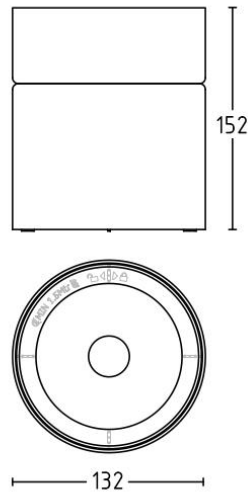
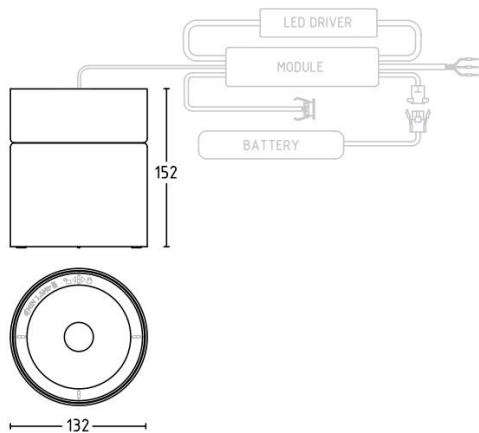
Accessories: See accessories on page 2

- Sparkle Ring
- Interchangeable reflectors
- Protective glass (food applications)

Technical features:

- 95% Reflector efficiency
- Light Output Ratio 86%
- Power Factor min 0.96
- Up to 143 lumens per watt
- Die-cast Aluminium. PPC coated
- L80B10
- Up to 97 CRI available
- 3 SDCM as standard 2 SDCM available

Emergency Version:



Weight 1.0 – 1.5kg
All dimensions in mm

Part number examples

| Part Number | Description |
|-------------------|---|
| GIRSMB8V1800N830W | GIRO:SURF-MNT:B8V:1800LM:NAR-BEAM:3K80CRI:WHITE |
| GIRSMB8V2500M940B | GIRO:SURF-MNT:B8V:2500LM:NAR-BEAM:4K90CRI:BLACK |

Part number nomenclature:

GIR = GIRO Family
SM = Surface Mounted
B8V = Bridgelux LED COB Technology
1800 = Lumen output**
2500 = Lumen output**
3800 = Lumen output**
N = Narrow beam 10-20 degree
M = Medium beam 20-30 degree
W = Wide beam 30-50 degree
XW = Extra Wide beam >50 degree
8 = >80CRI
9 = >90CRI
27 = 2700K
30 = 3000K
35 = 3500K
40 = 4000K
W = RAL9010 Pure White*
G = RAL9006 Grey Silver*
B = RAL9005 Jet Black*
-Dimming type suffix
D1 = Dimmable Phase
(Max 2500 lumen Variant only)
D3 = Dimmable DALI
EM = Emergency Maintained***
(Remote driver & Battery pack)

* Other finishes available to special order.

**Average across colours

***LED holder:20mm hole will be required to attach the remote indicator LED.

SPECIFICATIONS

Accessory Part numbers:

| Part No. | Description |
|----------|---|
| 5080-15 | REFLECTOR:GIRO-COB:108:15 DEGREE:1090AL |
| 5080-28 | REFLECTOR:GIRO-COB:108:28 DEGREE:1090AL |
| 5080-40 | REFLECTOR:GIRO-COB:108:40 DEGREE:1090AL |
| 5080-60 | REFLECTOR:GIRO-COB:108:60 DEGREE:1090AL |
| 1295W | RING:SPARKLE:GIRO:1295:WHITE |

Refer to table below for exact lumen output (all lumens are exit lumens).
Other finishes available to special order.

Lumen output:

| CRI CCT | Luminaire output Lumens and (Efficiency in Luminaire Lumen Per Watts) at typical drive current (mA) and forward voltage (V) DC | | | | | | | |
|------------|---|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| | 500mA 27V | | 700mA 28V | | 1050mA 29V | | 1200mA 30V | |
| | LED watts | Total watts | LED watts | Total watts | LED watts | Total watts | LED watts | Total watts |
| | 13.5 | 15.0 | 19.3 | 21.4 | 30.5 | 33.5 | 34.5 | 40.0 |
| 927 | 1672 (111) | | 2281 (107) | | 3233 (96) | | 3528 (88) | |
| 830 | 2097 (140) | | 2860 (134) | | 4054 (121) | | 4425 (111) | |
| 835 | 2146 (143) | | 2927 (137) | | 4149 (124) | | 4529 (113) | |
| 930 | 1735 (116) | | 2366 (110) | | 3354 (100) | | 3661 (92) | |
| 840 | 2167 (144) | | 2955 (138) | | 4189 (125) | | 4572 (114) | |
| | 1800 Typical | | 2500 Typical | | 3800 Typical | | 4200 Typical | |

Polar curves of reflector options

