




FH-L



IP66 **IK09** **960°**
 SD DERATING **+60°C** **-30°C**
 RD **+40°C** **-20°C**
 EMERGENCY **+40°C** **0°C**



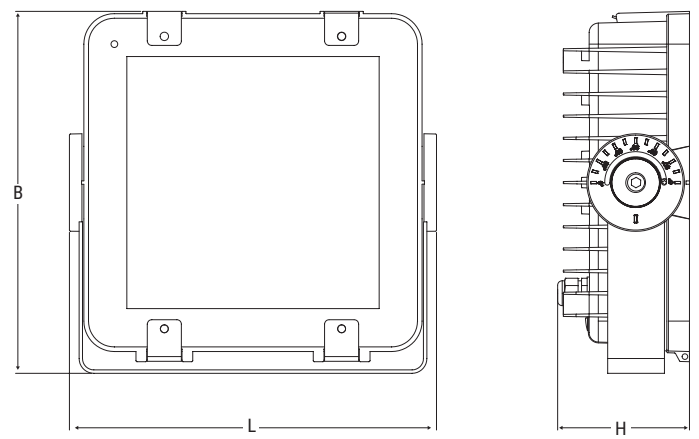
-  Outdoor floodlight with goniometric fixing bracket. Luminous flux up to over 32000lm.
-  Available in Smart Driver Auto-dimmable version, controllable from the Central Unit, or with an RD system that has a selector to set the LED power at 4 steps of luminous flux.
-  Double aluminium high bay light, both symmetrical and asymmetrical (by removing the deflector).

Applications

Industry, services, civil

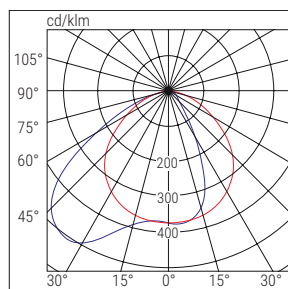
Characteristics

- Power supply**
- SD** 93÷265 VAC - 50/60Hz 176÷250 VDC
- RD** 230VAC ±10% 50 Hz
- Power supply - MTBF at 25°C** 100,000 h
- Luminous flux retention at 25°C** >70,000h (L80B20)
- Colour stability** 3 SDCM
- Mounting** Floor, wall, lighthouse towers, suspended
- Housing** Polyester powder-coated die-cast aluminium, RAL 7040
- Optics** Parabolic blades, made of anti-iridescent polished anodised aluminium. Symmetrical/asymmetrical.
- Screen** Tempered glass prism, 4mm
- Compliance** EN 60598-1, EN 60598-2-1, EN 60598-2-22, DIN 18031-3, EN 62471 (photobiological risk-free), EN 61493, 2014/53/EU



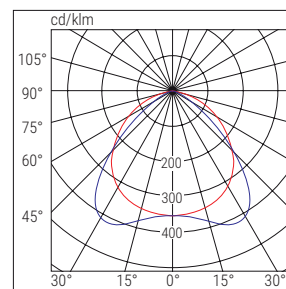
| Dimensions mm | | |
|---------------|-----|-----|
| L | B | H |
| 348 | 434 | 121 |

FH-L ASYMMETRIC OPTICS



■ C90-C270 ■ C0-C180

FH-L SYMMETRICAL DIFFUSING OPTICS



■ C90-C270 ■ C0-C180

| | Order Code | Description | Optics | Power W | Colour temp. K | Chromatic yield | LED Flux lm (Tj=25°C) | Luminaire flux lm | Brightness efficiency lm/W | Weight Kg | Packaging Single/Multi pack | |
|-----------|------------|----------------------------|--------------------------|---------|----------------|-----------------|-----------------------|-------------------|----------------------------|-----------|-----------------------------|--------------------|
| SD | 40867 | PRO/RIF 150W SD 4K | Symmetrical/asymmetrical | 150 | 4000 | >80 | 27000 | 24907 | 166 | 8.8 | 1 | AUTO-DIMMER |
| | 40870 | PRO/RIF 200W SD 4K | Symmetrical/asymmetrical | 200 | 4000 | >80 | 35500 | 32400 | 162 | 8.8 | 1 | |
| RD | 40861 | PRO/RIF 150W ADJUSTABLE 4K | Symmetrical/asymmetrical | 151 | 4000 | >80 | 25000 | 23143 | 153 | 8.8 | 1 | ADJUSTABLE |
| | 40864 | PRO/RIF 200W ADJUSTABLE 4K | Symmetrical/asymmetrical | 203 | 4000 | >80 | 30500 | 27878 | 137 | 8.8 | 1 | |

DALI **MODULAR ENCODING:**
To create the DALI version device code, select a device in the range **RD** and add to its code the suffix **DL**
Example: Order Code **40861 + DL** = Order Code **40861DL**

RD VERSIONS, MANUALLY ADJUSTABLE FLUX/POWER AT 4 STEPS



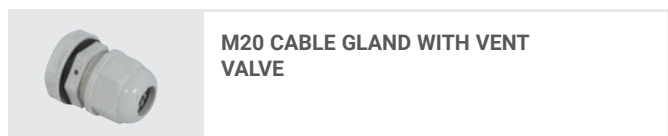
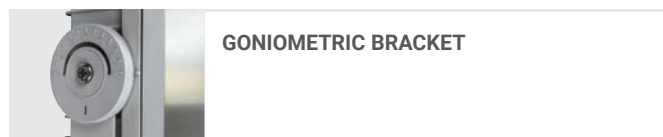
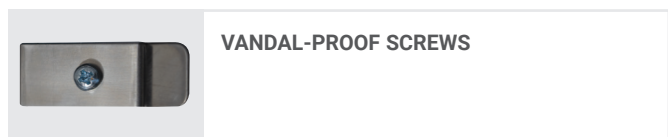
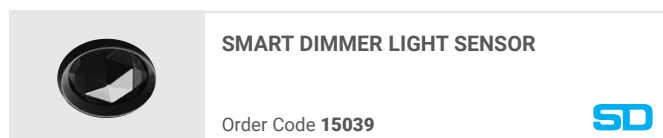
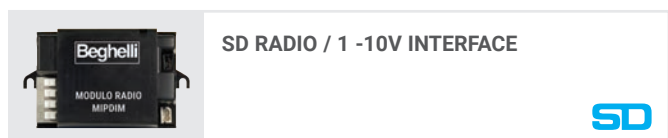
| Flux/Power | Order 40861 | | | Order 40864 | | |
|---------------|-------------|-----|------|-------------|-----|------|
| | lm | W | lm/W | lm | W | lm/W |
| STEP 1 | 23143 | 151 | 153 | 27878 | 203 | 137 |
| STEP 2 | 20266 | 128 | 158 | 24754 | 172 | 144 |
| STEP 3 | 17380 | 107 | 162 | 21497 | 143 | 150 |
| STEP 4 | 14229 | 85 | 167 | 17769 | 114 | 156 |

The lighting system must consider both the required level of lighting obtained from the lighting calculation and the power saving needs. The FH-L floodlight allows you to achieve this result thanks to its driver equipped with a 4-step current modulation switch that provides maximum luminous efficiency and, therefore, maximum power saving, while respecting the luminous flux determined in the design phase.

SPECIAL VARIANTS - on request

CHROMATIC YIELD ≥ 90 - COLOUR TEMPERATURE ON REQUEST
VERSION WITH POLYCARBONATE DIFFUSER FOR HACCP ENVIRONMENTS (IP54)

ACCESSORIES - included









NEXT >

FH-L

lighting

ACCESSORIES - to be ordered separately



| | | | |
|---|--|--|--|
|  | MOUNTING BRACKET FOR ELECTRIFIED BAR Order Code 12659 |  | CEILING MOUNTING BRACKET Order Code 12664 |
|  | POLE END CAP 2X 60-76 Order Code 12661 |  | POLE END CAP 4X 60-76 Order Code 12662 |
|  | HIGH BAY LIGHT SUSPENSION CABLE Order Code 12663 |  | PROTECTIVE GRID Order Code 12658 |

BUILDING AUTOMATION - to be ordered separately

| | | | |
|---|---|--|---|
|  | LOGICA SD LGFM CONTROL UNIT Order Code 21102 |  | BUILDING AUTOMATION RADIO TRANSMITTER Order Code 20104 |
|---|---|--|---|


LUMINAIRE + EMERGENCY WITH PRE-WIRED LED INVERTER - modular coding

SD

| BUILT-IN INVERTER | SUFFIX | EMERGENCY SYSTEM | BATTERY | AUTONOMY (h) | LED POWER (W) |
|---|--------|------------------|---------------------|--------------|------------------|
|  | TR1 | STANDARD | NiCd 7.2V 0.75Ah | 1 | 3 |
| | TR3 | STANDARD | NiMH 7.2V 1.5Ah | 3 | 3 |
| | | | | | |
|  | ATLG | AT-LG | LiFe 9.6V 1.5Ah | 0.75/1/2/3/8 | 9/7/4/2/1 |
| | LGFM | LGFM | LiFe 9.6V 1.5Ah | 0.75/1/2/3/8 | 9/7/4/2/1 |
| | ATLGGL | AT-LG | LiFe 12.8V 1.5Ah HT | 0.75/1/2/3/8 | 15/10/5/3.3/1.25 |
| | LGFMGL | LGFM | LiFe 12.8V 1.5Ah HT | 0.75/1/2/3/8 | 15/10/5/3.3/1.25 |

LUMINAIRE + EMERGENCY WITH PRE-WIRED LED INVERTER - modular coding

RD

| BUILT-IN INVERTER | SUFFIX | EMERGENCY SYSTEM | BATTERY | AUTONOMY (h) | LED POWER (W) |
|---|--------|------------------|------------------|--------------|---------------|
|  | TR1 | STANDARD | NiCd 7.2V 0.75Ah | 1 | 3 |
| | TR3 | STANDARD | NiMH 7.2V 1.5Ah | 3 | 3 |
| | | | | | |

Each unit in this series can be **configured and pre-wired directly in Beghelli**, ready for installation.

For orders, create the code by specifying the control system using the following tables:

Order Code LUMINAIRE + SUFFIX, for example, to order an Autotest Logica GranLuce (AT-LG) 200W FH-L floodlight, add to the Order Code 40870 the ending ATLGGL = Order Code 40870ATLGGL