

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

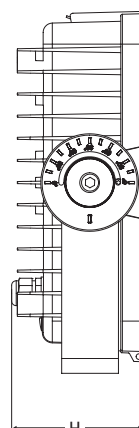
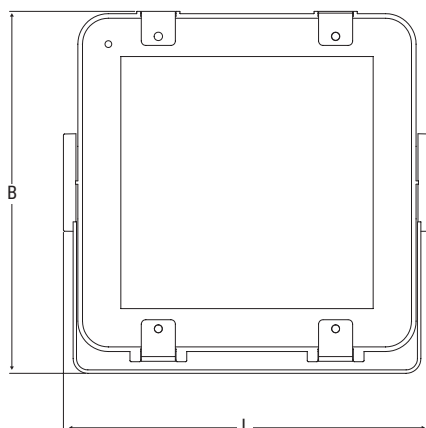
Mounting Floor, wall, lighthouse towers, suspended

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

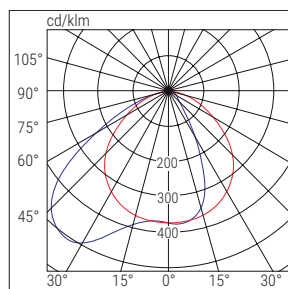
Compliance EN 60598-1, EN 60598-2-1, EN 60598-2-22, DIN 18031-3, EN 62471 (photobiological risk-free), EN 61493, 2014/53/EU



Dimensions mm

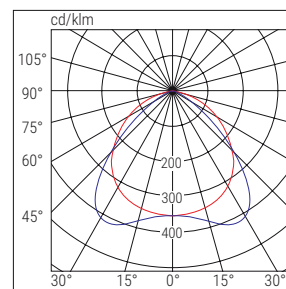
L	B	H
438	434	121

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



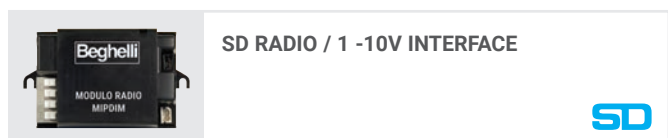
Flux/Power	Order 40861			Order 40864		
	lm	W	lm/W	lm	W	lm/W
STEP 1	23143	151	153	27878	203	137
STEP 2	20266	128	158	24754	172	144
STEP 3	17380	107	162	21497	143	150
STEP 4	14229	85	167	17769	114	156

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.

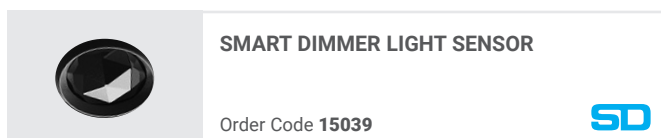
SPECIAL VARIANTS - on request

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

ACCESSORIES - included

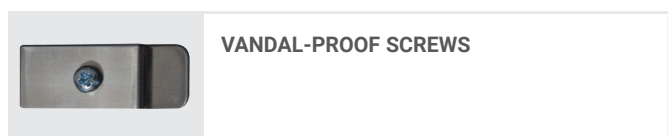


SD RADIO / 1 -10V INTERFACE

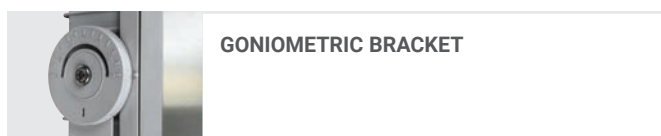


SMART DIMMER LIGHT SENSOR

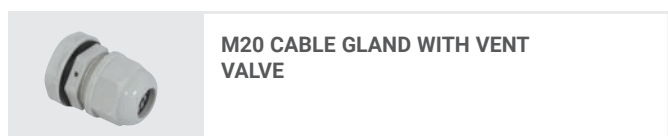
Order Code 15039



VANDAL-PROOF SCREWS



GONIOMETRIC BRACKET









M20 CABLE GLAND WITH VENT VALVE

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
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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

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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