

# FH-L



**IP66**   **IK09**   **960°**  
 **SD DERATING**  $+60^{\circ}\text{C}$  /  $-30^{\circ}\text{C}$   
 **RD**  $+40^{\circ}\text{C}$  /  $-20^{\circ}\text{C}$   
 **EMERGENCY**  $+40^{\circ}\text{C}$  /  $0^{\circ}\text{C}$



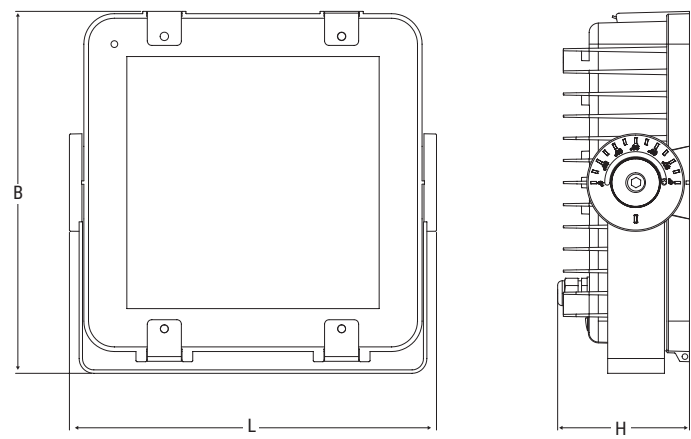
- Outdoor floodlight with goniometric fixing bracket. Luminous flux up to over 32000lm.
- Available in Smart Driver Auto-dimmable version, controllable from the Central Unit, or with an RD system that has a selector to set the LED power at 4 steps of luminous flux.
- Double aluminium high bay light,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

## Applications

Industry, services, residential

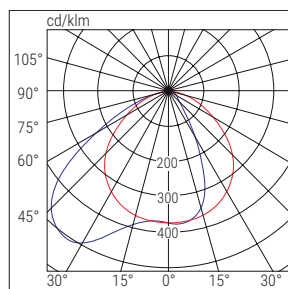
## Characteristics

- 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



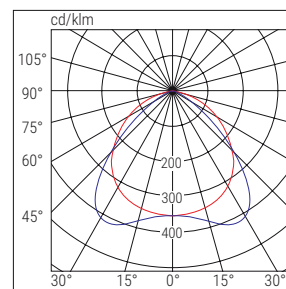
Dimensions mm		
L	B	H
348	434	121

## 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	
<b>SD</b>	40867	PRO/RIF 150W SD 4K	Symmetrical/asymmetrical	150	4000	>80	27000	24907	166	8.8	1	<b>AUTO-DIMMER</b>
	40870	PRO/RIF 200W SD 4K	Symmetrical/asymmetrical	200	4000	>80	35500	32400	162	8.8	1	
<b>RD</b>	40861	PRO/RIF 150W ADJUSTABLE 4K	Symmetrical/asymmetrical	151	4000	>80	25000	23143	153	8.8	1	<b>ADJUSTABLE</b>
	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



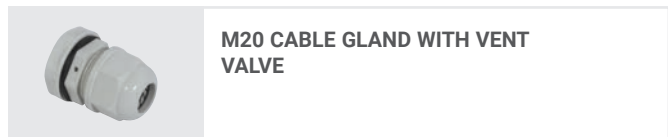
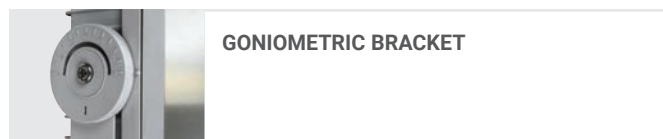
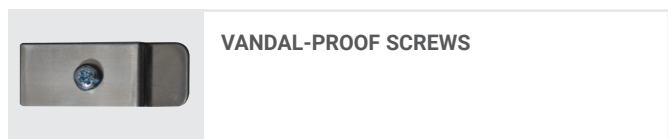
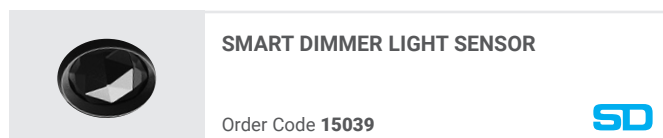
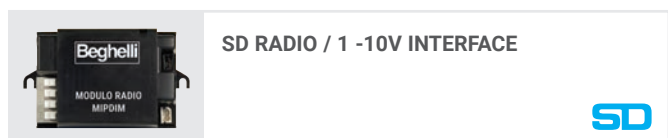
Flux/Power	Order 40861			Order 40864		
	lm	W	lm/W	lm	W	lm/W
<b>STEP 1</b>	23143	151	153	27878	203	137
<b>STEP 2</b>	20266	128	158	24754	172	144
<b>STEP 3</b>	17380	107	162	21497	143	150
<b>STEP 4</b>	14229	85	167	17769	114	156

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  $\geq 90$  - COLOUR TEMPERATURE ON REQUEST  
VERSION WITH POLYCARBONATE DIFFUSER FOR HACCP ENVIRONMENTS (IP54)

## ACCESSORIES - included









NEXT >

# FH-L

lighting

## ACCESSORIES - to be ordered separately



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

## BUILDING AUTOMATION - to be ordered separately

	<b>LOGICA SD LGFM CONTROL UNIT</b> Order Code <b>21102</b>		<b>BUILDING AUTOMATION RADIO TRANSMITTER</b> Order Code <b>20104</b>
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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

## 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