

GENERAL CHARACTERISTICS

Equivalent Power* 2x36W, 2x 58W, 2x80W

Power supply Universale Multi Voltage
93÷265 Vac - 50/60Hz 176÷250 Vdc

Standard EN 60598-1, EN 60598-2-1,
EN 60598-2-22 (fundamental
requirements), UNI9554:1989,
DIN 18032-3:1997-04, EN 62471
(Photobiological hazard),
ATEX 2014/34/UE

Protection grade IP66

Working temp. -30 ÷ +50°C (!)

Mounting ceiling, suspension, busbar trunking

Body stainless steel Aisi 304

Head Caps die-cast aluminium

Louvre Wide anti-glare aluminium

Screen micro-prismatic Tempered glass

Driver SD version:
SELV electronic SD (Cos $\varphi \geq 0,96$)
with intelligent dimming

MTBF Control gear** 80.000 h

**Luminous flux
maintenance**** >60.000h (L80B20)

Colour deviation 3 SDCM

* Equivalent power for comparison with metal halide device

** At environmental reference temperature of 25°C

(!) At highest working temperature thermal protection may reduce the output power

Acciaio Extreme LED

Waterproof ceiling fitting

This luminaire is suitable for outdoor installations for particularly demanding applications in high-risk areas. The stainless steel housing and extruded aluminium terminals grant an excellent mechanical resistance and resistance to aggressive chemical agents. It is suitable for installations according to Standard ATEX 2014/34/UE zone 02-22, for through wiring and continuous raw installations

The optic system consists of a reflector subdivided into aluminium cells preventing any glare and of a microprismatic glass with very high light transmittance.

This luminaire has a very high oxidation and erosion-corrosion resistance, and it is designed to resist mechanical vibrations and electromagnetic disturbances typical of industrial environments.



Power* W	• Dimensions (mm) •			Weight max kg
	L	B	H	
2x36	1199	109	88	3.3
2x58	1199	109	88	3.3
2x80	1484	109	88	4

Accessories

supplied

Order code	Description
-	THROUGH WIRING KIT
-	ATEX KIT

Accessories

to be ordered separately

Order code	Description
15019	INPUT DOUBLE COUPLING M20
20123	ADJUSTABLE WALL BRACKET
20125	POLE MOUNTING BRACKET

SPECIAL VARIANTS: COLOUR RENDERING ≥ 90 - COLOUR TEMPERATURE ON REQUEST
Contact the Beghelli sales network

Accessories



supplied

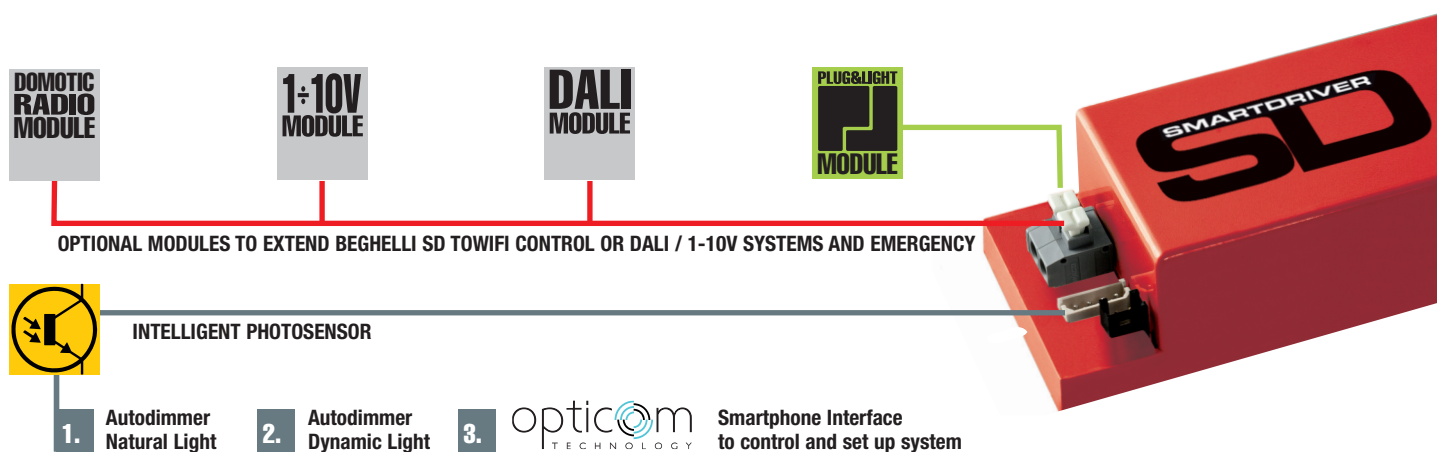
Order code	Description
15040	OPTICOM PHOTOSENSOR ACCIAIO

Building automation



to be ordered separately

Order code	Description
20102	BUILDING AUTOMATION CENTRAL UNIT
20124	BUILDING AUTOMATION CENTRAL UNIT+WIFI
20104	2 INPUT INTERFACE - RADIO TRANSMITTER
15022	BUILDING AUTOMATION RADIO MODULE
15024	DALI MODULE
15034	1-10V MODULE

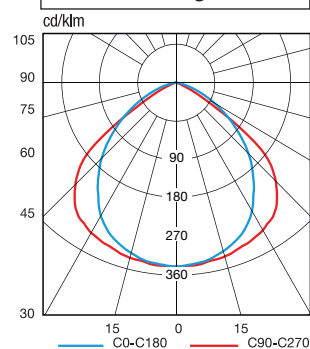


Efficiency and dimming

The increase in luminous efficacy (lm/W) and the useful life of the device may vary significantly according to the degree of dimming. Assuming an average level of 50% of the luminous flux, the following results are obtained with the Acciaio Eco LED:

Dimming	SD	50%
Device duration		+40%
Luminous efficiency		+10%

Polar Diagram



EMERGENCY WITH LED INVERTER

TR AT LG LGFM

19358	INVERTER PLUG&LIGHT LED SE/SA 1H 20-60V	to be ordered separately
19359	INVERTER PLUG&LIGHT LED SE/SA 3H 20-60V	to be ordered separately
19355	INV LED AT/LG 6W 55V 123H	to be ordered separately
19356	INV LED LGFM 6W 55V 123H	to be ordered separately
RA02***	AUTORIPARA INVERTER BATTERY 7.2V 1.7Ah	to be ordered separately

***Contact the Beghelli sales network for availability

Acciaio Extreme LED

SmartDriver **SD**

Power* W	Order code	Description	LED Power W	Colour Temp. K	Colour rendering	Power consumption Max W	N° LEDs	Flux of LEDs lm (Tj=25°C)	Flux of fixture lm	Luminous efficiency lm/W	Energy Class	Packaging
2x36	A236EXSD	ACCIAIO EX LED 2x36 SD 4000K	32	4000	≥80	35	90	5500	4700	135	A++	1
2x58	A258EXSD	ACCIAIO EX LED 2x58 SD 4000K	47	4000	≥80	52	144	8200	7000	135	A++	1
2x80	A280EXSD	ACCIAIO EX LED 2x80 SD 4000K	67	4000	≥80	74	180	11600	9900	135	A++	1