

Product features



- 4-step multipower in one product
- High luminous efficacy up to 180lm/W
- Extra long lifetime of 100.000h L70B50 at Ta 25°C
- Easy installation with quick connect terminal block
- Flicker free ($\leq 3\%$ @100Hz) to avoid stroboscopic effect
- Compatible with microwave sensor
- 0-10V dimmable with a dimming range of 10-100%



DIMMABLE



IP65



IK08



CLASS I



50000h L90



Applications

- High ceiling area
- Exhibition hall
- Warehouse
- Production facility
- Retail
- Industrial area

GEO 3

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Product datasheet

Product information

	Item No.	Description	Power (W)	Lumen (lm)	Light efficacy (lm/W)	CCT (K)	Beam angle (°)	Dimmable
	712139	GEO3 4MP 70-150W 110°	70/100/125/150	12600/18000/21600/27000	180/180/173/180	4000	110	0-10V, 10-100%

Electrical data

Max. number of luminaires per miniature circuit breaker

Item No.	THD	Inrush current I _{peak} (A)	Inrush current time (μs)	B10	B16	C10	C16	Surge protection (V)
712139	0.15	61	157	9	15	9	15	6000

General specifications

Electrical data	
Nominal voltage	220-240V
Frequency	50/60Hz
Power factor (PF)	>0,9
Protection class	Class I
Photometric data	
CRI	RA80
UGR	N/A
Colour consistency (SDCM)	6
Flicker percentage	≤3% @100Hz
Photobiological safety group	RG1
Mounting & application	
Mounting method	Surface mounted / Suspended
Loop-through	No
Driver	Integrated
IP rating	IP65
IK rating	IK08
Glow wire test	650°C
Lifetime	100000h L70B50 at 25°C, 70000h L80B10, 50000h L90B10
Switching cycles	100000
Operating temperature	-30 to 50°C
Warranty	5 years
Materials	
Material	Aluminium, PC
Certificates	
Standards	CE, ENEC

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Product dimensions & weight

Item No.	Cut-out Ø (mm)	Ø (mm)	H (mm)	Net weight (kg)
712139	N/A	300	164	2,34

Sales unit information

Item No.	Pieces / sales unit	L (mm)	W (mm)	H (mm)	Gross weight (kg)
712139	1	316	315	162	2.91



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Accessories

Item No.	712143	711320	190706	800845	711437						
	Sensor kit	Remote control	Reflector 70°	Reflector 90°	Safety cable kit						
712139											