

GEO 2

Highbay



Product features

- Easy installation with single point hook mounting design
- High system luminous efficacy up to 165lm/W
- Long lifetime of 50.000hrs L80B10 at Ta 25°C
- IP65 and IK08 protection
- Compatible with microwave sensor, with standby dimming (configuring by optional remote control)
- Equipped with flicker free ($\leq 3\%$) driver ($P_{st} \leq 1.0$ & $SVM \leq 0.4$) to avoid stroboscopic effect to get rid of danger of rotating components in machinery
- DALI2.0 dimmable driver



Applications

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

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Product datasheet

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Product information

	Item No.	Description	Power (W)	Lumen (lm)	Light efficacy (lm/W)	CCT (K)	Beam angle (°)	Dimmable
	711247	GEO2 5MP 70-150W 60°	70/90/100/125/150	10500/13500/15000/18900/21000	150/150/150/150/140	4000	60	1-10V, 10-100%
	711432	GEO2 DALI2 150W 60°	150	21000	140	4000	60	DALI dim, 10-100%
	710931	GEO2 5MP 70-150W 110°	70/90/100/125/150	10500/13500/15000/18900/21000	150/150/150/150/140	4000	110	1-10V, 10-100%
	710728	GEO2 5MP 80-165W 110°	80/90/115/125/165	13500/15000/18900/21000/27200	169/167/164/168/165	4000	110	1-10V, 10-100%
	711143	GEO2 DALI2 165W 110°	165	27200	165	4000	110	DALI dim, 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)
711247	0.15	89.8	356	2	3	3	4	4000
711432	0.15	16	1000	5	7	7	12	4000
710931	0.15	89.8	356	2	3	3	4	4000
710728	0.15	84	340	2	3	3	5	4000
711143	0.15	16	1000	5	7	7	12	4000

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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	50000h L80B10 at 25°C
Switching cycles	100000
Operating temperature	-30 to 50°C
Warranty	5 years
Materials	
Material	Graphene, PC
Certificates	
Standards	CE

Product dimensions & weight

Item No.	Cut-out Ø (mm)	Ø (mm)	H (mm)	Net weight (kg)
711247	N/A	300	173	3,57
711432	N/A	300	173	4,1
710931	N/A	300	173	3,57
710728	N/A	300	173	3,57
711143	N/A	300	173	4,1

Sales unit information

Item No.	Pieces / sales unit	L (mm)	W (mm)	H (mm)	Gross weight (kg)
711247	1	339	338	172	3.755
711432	1	339	338	224	4.301
710931	1	327	327	174	3.92
710728	1	327	327	174	4.139
711143	1	339	338	204	4.38



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Accessories

Item No.	710729	710842	190706	800845	710823	711437					
	Sensor kit	Remote control	Reflector 70°	Reflector 90°	Surface bracket	Safety cable kit					
711247											
711432											
710931											
710728											
711143											