THREELINE
SPAIN

CLOE
CQM312

120W LED modular high bay



HIGH EFFICIENCY
170 lm/W

PRE-MIUM

HQ
HIGH QUALITY

FLICKER FREE

MEAN WELL

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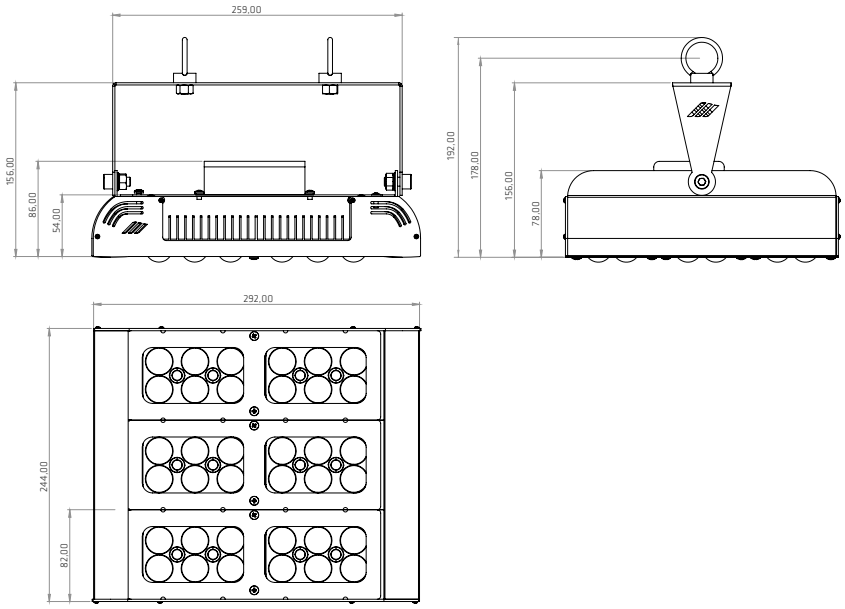
THREELINE SPAIN

SPECIFICATIONS · PRODUCT DATA

Electrical data	
Input	110 ~ 240 Vac
Mains frequency	50/60Hz
Power	120 W
Fower factor	> 0,95
LEDs n°	36 LEDs
LED power	3,33 W
IEC protection class	Class I
Photometric data	
Luminous efficiency	170 lm/W
CRI (Ra)	> 70
Luminous lux (Nominal / Real) CCT	24000lm · 20400lm · 5700K · BF 23520lm · 19992lm · 4000K · BN 22800lm · 19380lm · 3000K · BC
Luminous intensity	32901 cd
SDCM Standard deviation colour adjustment	<3
Degree of opening	45°/60°/120°
Working Temp.	-20°C ~ 50°C
Switchovers n°	100.000
Certifications	CE
Energy efficiency	A++
Working life	50.000h (L70B50)
Materials and physical characteristics	
Body	Aluminum alloy
Lens	Glass
Heat sink	Aluminum alloy
Finish	Grey
Measurements in mm (length x width x height)	192 X 244 X 292
Weight (g)	4715
Characteristics	
IP Rating	IP65
IK Rating	IK08
Flicker	No
Options	
Dimming option	Optional (See table)
Emergency kit option	Optional
Packaging	
Packaging measurements	322 X 317 X 170
Packaging weight (kg)	6
Units (units/box)	1 units

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Measurements in mm



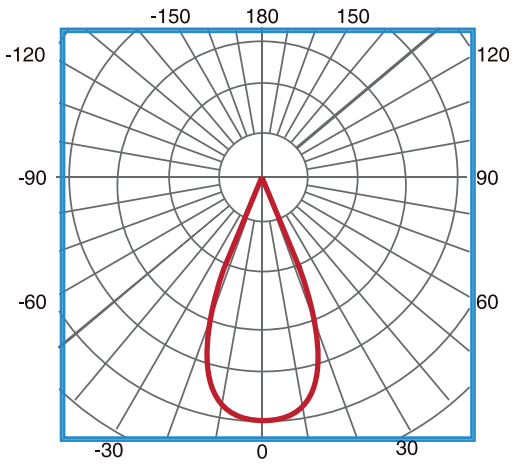
Optics

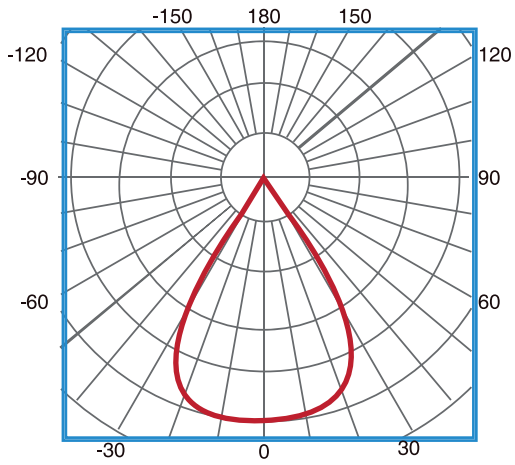
Beam angle 45°

H (m)	Diameter (m)	Emax (lx)
1	0.82	32839
2	1.65	8210
3	2.47	3649
4	3.29	2052

Beam angle 60°

H (m)	Diameter (m)	Emax (lx)
1	1.09	25327
2	2.18	6332
3	3.27	2814
4	4.36	1583

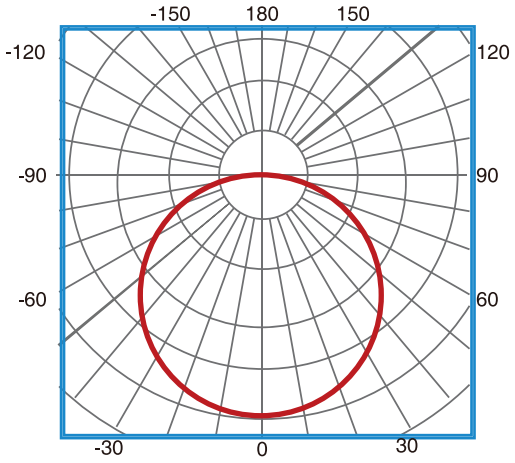




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Beam angle 120°

H (m)	Diameter (m)	Emax (lx)
1	3.12	8313
2	6.24	2078
3	9.35	924
4	12.47	520



References

	CCT				DIMMING		OPTIONS	
CQM312AG7	5700K	57	45°	04	No dimming	M0	Emergency kit	U
	4000K	40	60°	06	0/1-10V	M1		
	3000K	30	120°	12	DALI	M2		

IP65 · PRÉMIUM · 45° · 60° · 120° · OPCIONAL · 1 seg · 2 seg · X100.000 · 50.000h · A 0.58 · cos Ø >0.95 · CRI >70

Rev 2001

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