



CIRCLE SERIES

Hazardous Location & Emergency Lighting

These versatile, feature-packed fixtures are designed to not only meet but surpass the rigorous demands of the food processing industry, industrial and commercial settings, as well as architectural applications.

Compliance

NEC/CEC Standard
UL 844 Hazardous Locations
Class I Division 2, Groups A, B, C, D
Class II Division 1, Groups E, F, G
Class II Division 2, Groups F, G
Class III
Class I, Zone 2, Group IIC
CSA C22.2 No.137
CSA C22.2 No.141
CSA C22.2 No.250.0:21
UL 924
UL 1598 Wet Locations
UL 8750 LED Safety | FCC
IP66 | IK09 | 5G | NEMA4X

Technical Data

Electrical		
Rated Power	40W / 60W / 80W / 100W	
Input Voltage	120-277VAC	
Input Frequency	50/60Hz	
Power Factor	> 0.95	
Driver Efficiency	≥ 90%	
DC output Ripple & Noise	<200mVP-P	

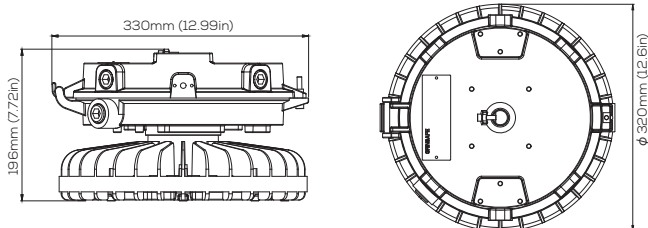
Optical		
Lumen Output	6,800lm ~ 17,000lm	
Luminous Efficacy (Lumens per Watt)	170 lm/W	
Beam Angle	T1 / T3 / 110°	
Color Temperature (CCT)	2700K 3000K 4000K 5000K	
CRI	Ra>70	

Environmental		
Ambient Operating Temperature	Non-Emergency	
	-40°C ~ +65°C	
	-40°C ~ +60°C	
	Emergency	
	0°C ~ +50°C	
	-20°C ~ +50°C (cold weather)	
Ambient Operating Humidity	10%~90% RH	
Atmospheric pressure	86~106KPa	

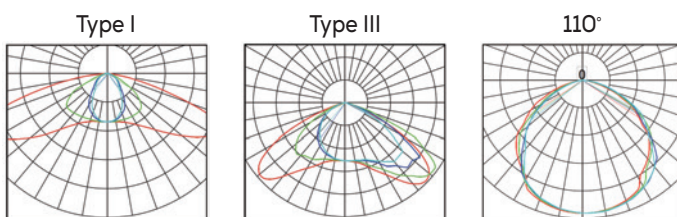
Technical		
Lens Material	Glass / PC / Drop lens	
Mounting Options	Pendant / Ceiling / Wall mount / Stanchion	
Cable Entries	3/4" NPT, 1-1/2" NPT	
Net Weight	8kg (17.64 lbs)	

Dimensions

unit: mm(in)



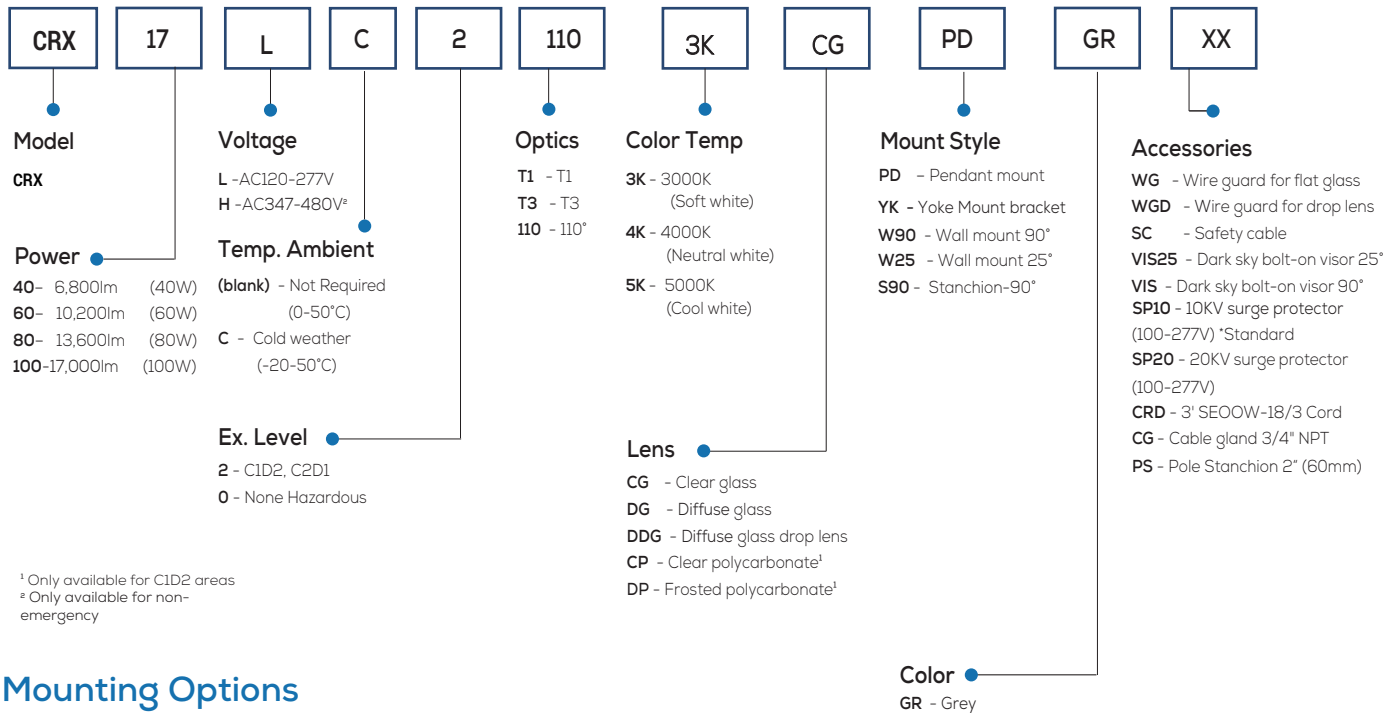
Beam Distribution



Warranty

10 year limited system warranty
Lumen Maintenance: L70 > 150,000 hours @ 25°C

Ordering Information and Mounting Accessories



Mounting Options



PD
Pendant mount
3/4" NPT



YK
Yoke Mount Bracket
3/4" NPT



W90
Wall mount 90°
3/4" NPT



W25
Wall mount 25°
3/4" NPT



S90
Stanchion mount 90°,
1-1/2"NPT



S25
Stanchion mount 25°,
1-1/2"NPT



CM
Ceiling mount

Accessories



YK
Yoke Mount Bracket
3/4" NPT



CM
Ceiling mount kit 1 pair



WG
Bolt-on wire guard
for Flat Glass



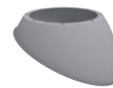
WGD
Bolt-on wire guard
for Drop Lens



CG
Cable gland
3/4" NPT
Suitable for CID2



CRD
3' SEOWW-18/3 Cord
(Factory installed)



VIS25
Dark sky bolt-on visor
25°
(Spinning aluminium)



VIS
Dark sky bolt-on visor
90°
(Spun aluminium)



SP10
Surge Protector
10KV (100-277V)
*Standard



SP20
Surge Protector
20KV (100-277V)



SC
Stainless steel
safety cable
Ø8 (4mm)



PS
Pole Stanchion
2-3/8" (60mm)