

# HCRUX Series

## Hazardous Location CCT Tunable Bay Light

### SPECIFICATIONS

#### Electric

Rated Power	80W / 100W / 150W / 200W
Input Voltage Input	AC100-277V, 347-480V
Frequency Power	50/60Hz
Factor	>0.95
Driver Efficiency	≥ 90%
DC output Ripple & Noise	<200mVP-P

#### Optical

Lumen Output	13,600lm ~ 34,000lm
Luminous Efficacy (Lumens per Watt)	170Lm/W
Beam Angle	T1/ T3 / T5
Correlated Color Temperature (CCT)	Amber 2700K,3000K,4000K,5000K
CRI	Ra>70

#### Environmental

Ambient Operating Temperature	-40°C~+65°C (80W 100W 150W ) -40°C~+60°C (200W )
Ambient Operating Humidity	10%~90% RH
Atmospheric pressure	86~106KPa

#### Technical

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



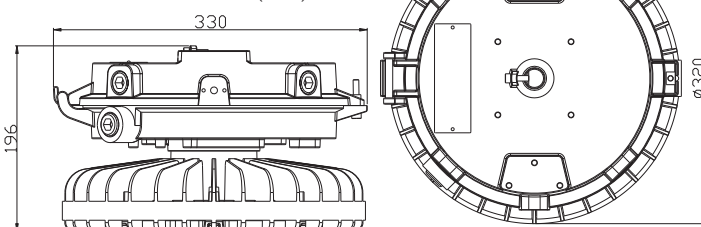
### WARRANTY

- 5-year limited system warranty
- Lumen Maintenance: 150,000hours @ L70



### DIMENSIONS

Dimensions in millimeters(mm)



### CERTIFICATIONS / RATINGS

#### NEC/CEC Standard

UL 844 Hazardous Locations  
Class I Division 2, Group A, B, C, D Class II Division 1, Group E, F,  
G Class II Division 2, Group F, G  
Class III  
Class I, Zone 2, Group IIC  
Zone 21, Zone 22  
UL 1598 Wet Locations  
UL 1598A Marine Outside Type (Salt Water) UL 8750 LED Safety  
CSA C22.2 No.137-M1981  
CSA C22.2 NO. 250.0

### KEY FEATURES & BENEFITS

- Easy Installation: Single barrel nut and hinge design, one-hand operation for quick and easy installation
- Designed for petro-chemical, oil / gas, mining, metal processing and other Hazardous environments.

## ORDERING INFORMATION

### ORDERING GUIDE

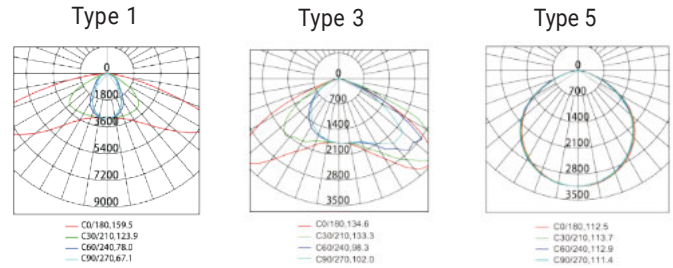
Series	Wattage	Voltage	CCT	Optics
HCUX	8 = 80W 10 = 100W 15 = 150W 20 = 200W	LV1 = AC100-277V HV = AC347-480V	V = Adjustable (3000K/4000K/5000K) A = Amber 2700K S = 3000K L = 4000K C = 5000K	T1 - Type 1 T3 - Type 3 T5 - Type 5
Mounting	Lens		Accessory	

PD1 = Pendant mount (3/4" NPT)  
 PD2 = Pendant mount (1" NPT)  
 TB = Trunnion bracket (3/4" NPT)  
 WM9 = Wall mount 90°  
 WM2 = Wall mount 25°  
 2SM1 = 25° Stanchion Mount (1-1/4" NPT)  
 2SM2 = 25° Stanchion Mount (1-1/2" NPT)  
 9SM1 = 90° Stanchion Mount (1-1/4" NPT)  
 9SM2 = 90° Stanchion Mount (1-1/2" NPT)  
 CM = Flush Ceiling Mount

TG = Transparent glass  
 FG = Frosted glass  
 FDG = Frosted drop lens  
 TPC = Transparent PC  
 PC = Frosted PC

WGR1 = Wire guard for flat lens  
 WGR2 = Wire guard for drop lens  
 SC = Safety cable  
 BO2 = Bolt-on visor 25°  
 BO9 = Bolt-on visor 90°  
 SP1 = 10KV surge protector (100-277V): Standard  
 SP2 = 10KV surge protector (347-480V): Standard  
 SP3 = 20KV surge protector (100-277V)  
 SP4 = 20KV surge protector (347-480V)  
 PC1 = Pipe clamp (M8\*48mm) for pole 1 7/8" (48mm)  
 PC2 = Pipe clamp (M8\*60mm) for pole 2 3/8" (60mm)  
 CAB = 3' SEOOW-18/3 Cord  
 NPT = 3/4" NPT; Pedant

## OPTICS



## Mounting Options



**PD1**  
 Colgante  
 3/4" NPT (Standard)

**PD2**  
 Colgante  
 1" NPT (Standard)



**9SM1**  
 Stanchion mount  
 90°, 1-1/4"NPT

**9SM2**  
 Stanchion mount  
 90°, 1-1/2"NPT



**TB**  
 Trunnion Bracket  
 3/4" NPT



**2SM1**  
 Stanchion mount 25°  
 1-1/4"NPT

**2SM2**  
 Stanchion mount  
 25°, 1-1/2"NPT



**WM9**  
 Wall mount 90°  
 3/4" NPT



**WM2**  
 Wall mount 25°  
 3/4" NPT



**CM**  
 Flush Ceiling Mount

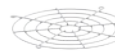
## Accessories



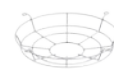
**TB**  
 Trunnion Bracket  
 3/4" NPT



**CM**  
 Flush ceiling mount  
 kit 1pair



**WGR1**  
 Bolt-on wire guard  
 for Flat Glass



**WGR2**  
 Bolt-on wire guard  
 for Drop Lens



**PC1**  
 Pipe clamp  
 (M8\*48mm)  
 for pole  $\Phi$  1 7/8"



**PC2**  
 Pipe clamp  
 (M8\*60mm)  
 for pole  $\Phi$  2 3/8"



**BO2**  
 Dark sky bolt-on visor  
 25°



**BO9**  
 Dark sky bolt-on  
 visor 25°



**NPT**  
 Cable gland  
 3/4" NPT  
 Suitable for C1D2



**CAB**  
 3' SEOOW-18/3  
 Cord (Factory  
 installed)



**SC**  
 Stainless steel safety  
 cable

**10KV Surge Protector**  
 \*Standard

**SP1**  
 10KV (100-277V)

**SP2**  
 10KV (347-480V)



20KV Surge Protector  
**SP3**  
 20KV (100-277V) **SP4**  
 20KV (347-480V)