



## RECTANGLE H2™

### TWIN SERIES

#### LED Hazardous Location Lighting

The hazardous location Rectangle series floodlight features a twin mount adjustable U-shaped bracket, designed for high vibration and corrosion environments. Using high-efficiency LEDs delivering 160 lm/W with outputs ranging from 48,000 to 64,000, making it the obvious reliable choice for all challenging and hazardous location environments.

#### Compliance

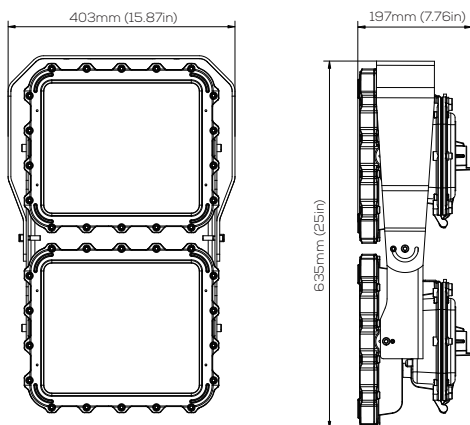
##### NEC/CEC Standard

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 1, Group IIB  
Class I, Zone 2, Group IIC

CSA C22.2 NO.137  
CSA C22.2 NO. 250.0:21  
UL 1598 Wet Locations  
UL 1598A Marine Outside Type (Salt Water) UL  
8750 LED Safety  
FCC  
IP66/67 | IK09 | NEMA 4X

#### Dimensions

unit: mm(in)



#### Technical Data

##### Electrical

|                          |                      |
|--------------------------|----------------------|
| Rated Power              | 300W / 400W          |
| Input Voltage            | 100-277, 347-480V/AC |
| Input Frequency          | 50/60Hz              |
| Power Factor             | > 0.95               |
| Driver Efficiency        | ≥ 90%                |
| DC output Ripple & Noise | <200mVP-P            |

##### Optical

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Lumen Output                        | 48,000lm ~ 64,000lm                   |
| Luminous Efficacy (Lumens per Watt) | 160 lm/W                              |
| Beam Angle                          | 30° / 60° / 90° / 110° / T2 / T3 / T4 |
| Correlated Color Temperature (CCT)  | 3000K 4000K 5000K                     |
| CRI                                 | Ra>70                                 |

##### Environmental

|                               |             |
|-------------------------------|-------------|
| Ambient Operating Temperature | -40°C~+60°C |
| Ambient Operating Humidity    | 10%~90% RH  |
| Atmospheric Pressure          | 86~106KPa   |

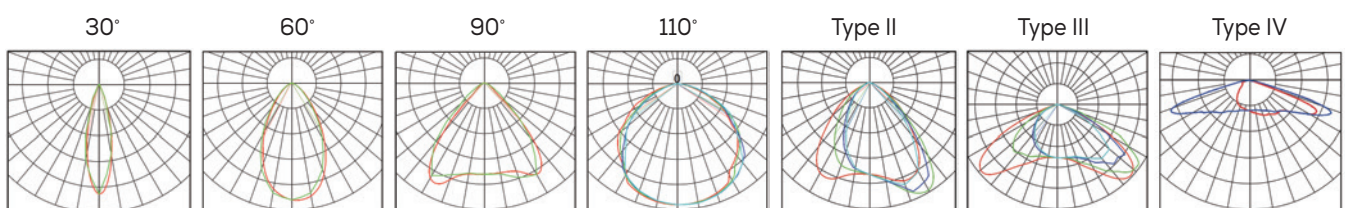
##### Technical

|                  |                                   |
|------------------|-----------------------------------|
| Lens Material    | Tempered glass                    |
| Mounting Options | Angled bracket / Straight bracket |
| Cable Entries    | 3/4" NPT, 1-1/2" NPT              |
| Net Weight       | 25.2kg ( 55.56 lbs )              |

#### Warranty

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

#### Beam Distribution



## Ordering Information and Mounting Accessories

| REC                                                                    | 300 | H                                                                                                | 2 | 110 | NW                                                                                                             | TG | YK3                                                                                                                    | GR | XX                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------|---|-----|----------------------------------------------------------------------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model</b><br>REC                                                    |     | <b>Voltage</b><br>L -100-277V/AC<br>H -347-480V/AC                                               |   |     | <b>Color Temp</b><br>3K - 3000K<br>(Soft white)<br>4K - 4000K<br>(Neutral white)<br>5K - 5000K<br>(Cool white) |    | <b>Mount Style</b><br>YK3 - Yoke mount<br>Bracket Angled (3/4" NPT)<br>YK4 - Yoke Mount<br>bracket Straight (3/4" NPT) |    | <b>Accessories</b><br>WG - Wire guard<br>SC - Safety cable<br>VIS - Visor<br>SP1L - 10KV surge protector<br>(100-277V) *Standard<br>SP1H - 10KV surge protector<br>(347-480V) *Standard<br>SP2L - 20KV surge protector<br>(100-277V)<br>SP20H - 20KV surge protector<br>(347-480V)<br>PBC60 - Pipe Clamp (M8*60mm)<br>for pole Ø 2-3/8" (60mm)<br>CRD - 3' SE00W-18/3 Cord<br>CG - Cable Gland 3/4" NPT<br>PS - Pole Stanchion 2" (60mm) |
| <b>Power</b><br>300 - 48,000 lm<br>(300W)<br>400 - 64,000 lm<br>(400W) |     | <b>Ex. Level</b><br>2 - C1D2, C2D1                                                               |   |     |                                                                                                                |    | <b>Color</b><br>GR - Gray                                                                                              |    |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                        |     | <b>Optics</b><br>30 - 30°<br>60 - 60°<br>90 - 90°<br>110 - 110°<br>T2 - T2<br>T3 - T3<br>T4 - T4 |   |     | <b>Lens</b><br>CG - Clear glass<br>DG - Diffuse glass                                                          |    |                                                                                                                        |    |                                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Mounting Options



**YK3**  
Yoke Mount Bracket  
(Angled)



**YK4**  
Yoke Mount Bracket  
(Straight)

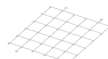
## Accessories



**YK3**  
Yoke Mount Bracket  
(Angled)



**YK4**  
Yoke Mount Bracket  
(Straight)



**WGS1**  
Stainless steel  
wire guard



**SC1**  
Stainless steel  
safety cable  
Ø 8 (4mm)



**VIS**  
Stainless steel  
dark sky visor



**CRD**  
3' SE00W-18/3 Cord  
(Factory installed)



**CG**  
Cable Gland  
3/4" NPT  
Suitable for C1D2



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



10KV Surge Protector  
\*Standard  
**SP1L**  
10KV (100-277V)  
**SP1H**  
10KV (347-480V)



20KV Surge Protector  
**SP2L**  
20KV (100-277V)  
**SP2H**  
20KV (347-480V)