

Radiant LED explosion-proof lighting is specifically engineered for installation in environments where flammable gases, vapors, or dust are present in quantities that pose a risk of explosion or fire. Built to endure shock and vibration, it delivers reliable performance even in the most hazardous conditions.

Compliance

NEC/CEC Standard

UL 844 Hazardous Locations

- Class I Division 1, Groups B, C, D
- 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+H2
- 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

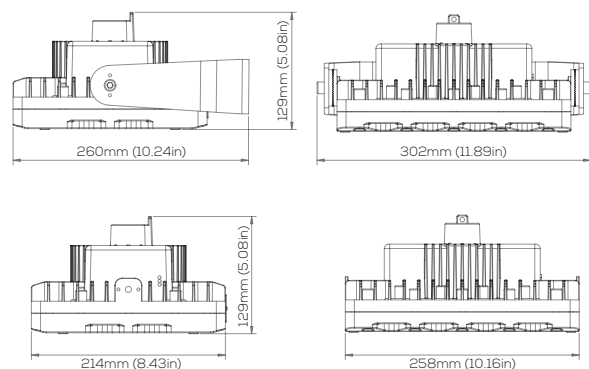
ABS

FCC

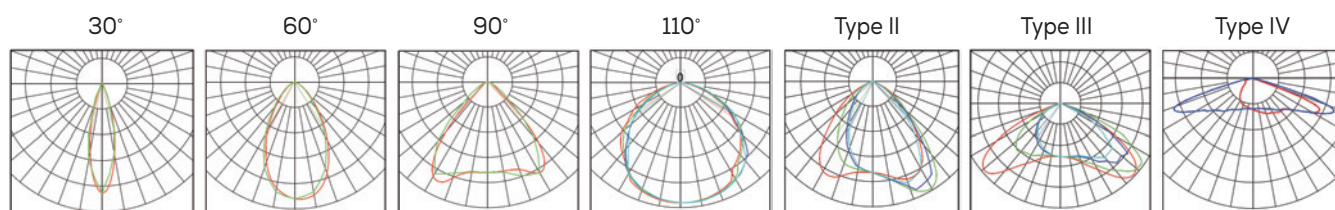
IP66/67 | IK09 | 5G | NEMA 4X

Dimensions

unit: mm(in)



Beam Distribution



Technical Data

Electrical

Rated Power	20W / 40W / 60W
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	3200lm ~ 9600lm
Luminous Efficacy (Lumens per Watt)	160 lm/W
Beam Angle	30° / 60° / 90° / 110° / T2 / T3 / T4
Correlated Color Temperature (CCT)	Amber 2700K 3000K 4000K 5000K
CRI	Ra>70

Environmental

Ambient Operating Temperature	-40°C~+65°C
Ambient Operating Humidity	10%~90% RH
Atmospheric pressure	86~106KPa

Technical

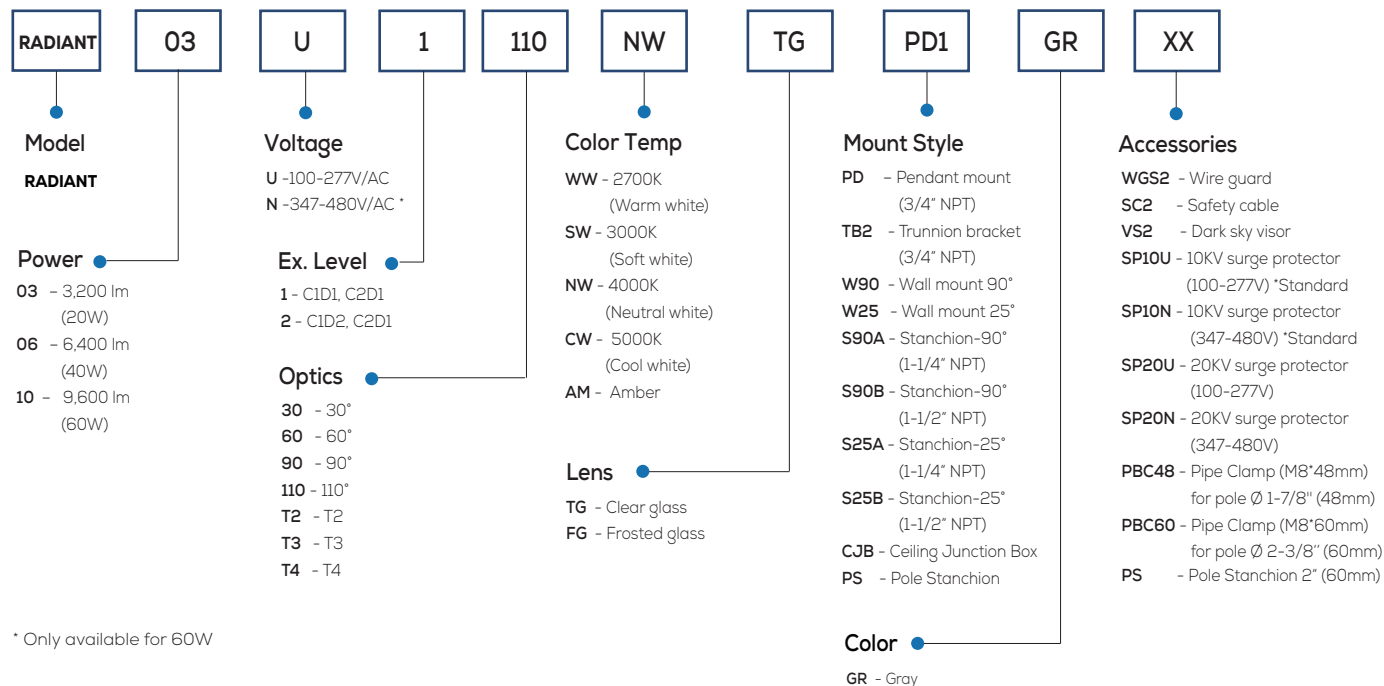
Lens Material	Tempered glass
Mounting Options	Pendant / Ceiling / Wall mount / Stanchion / U-Bracket
Cabling	1m leads standard (L/N/G, Dim+, Dim-) Special request for various length
Cable Entries	3/4" NPT, 1-1/4" NPT, 1-1/2" NPT
Net Weight	5.2kg (11.5 lbs)

Warranty

5-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



TB2
Trunnion Bracket
3/4" NPT



W90
Wall mount 90°
3/4" NPT



W25
Wall mount 25°
3/4" NPT



S90A
Stanchion mount 90°
1-1/4"NPT



S25A
Stanchion mount 25°
1-1/4"NPT



CJB
Junction Box
3/4"NPT

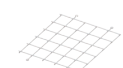
S90B
Stanchion mount 90°,
1-1/2"NPT

S25B
Stanchion mount 25°
1-1/2"NPT

Accessories



TB2
Trunnion Bracket
3/4" NPT



WGS2
Stainless steel
wire guard



SC2
Stainless steel
safety cable
Ø 6 (3mm)



VS2
Stainless steel
dark sky visor



PBC48
Pipe Clamp
(M8*48mm)
for pole Ø 1-7/8"



PBC60
Pipe Clamp
(M8*60mm)
for pole Ø 2-3/8"



10KV Surge Protector
*Standard
SP10U
10KV (100-277V)
SP10N
10KV (347-480V)



20KV Surge Protector
SP20U
20KV (100-277V)
SP20N
20KV (347-480V)



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