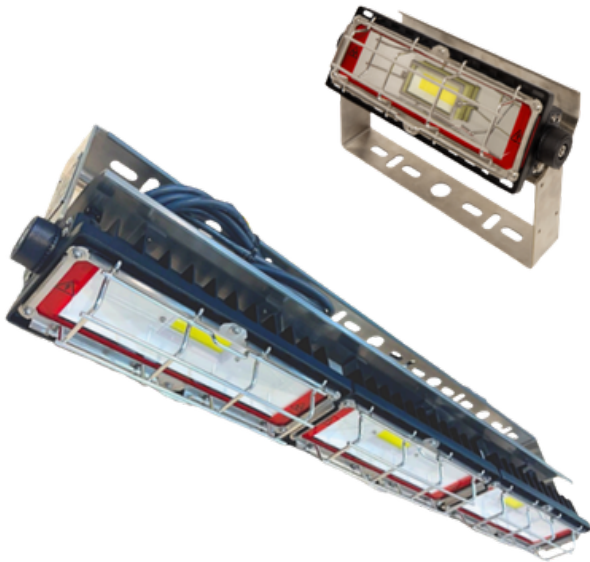




**Hazardous**  
Lighting Solutions LTD



# RAD-SAFE LED 140W



*Radiation hardened lighting. Reliable operation in temperatures ranging from -80°C to 115°C*



## MECHANICAL FEATURES

**Housing:** Die-cast aluminum  
**Lens:** Quartz Glass (5mm)  
**Cable Gland:** Stainless steel  
**Colour:** Black  
**Coating:** PVDF coating  
**Weight:** 3.0kg (6.6lbs)  
**IP Protection:** IP68

## ELECTRICAL FEATURES

**Voltage:** 100VAC / 120VAC / 200VAC / 208VAC / 230VAC / 250VDC / 277VAC / 347VAC / 480VAC / 600VAC  
**Frequency:** 50Hz / 60Hz  
**Wattage:** 10W-140W  
**Power Factor:** >0.95  
**Surge Protection:** >15kV  
**Inrush Current:** Zero inrush current (0 Amp)

## WORK PARAMETERS

**Ambient Temperature:** -80°C to +115°C  
**Lifetime:** L70 15 years @ 55°C  
L50 30 years @ 55°C  
1 year @ 115°C  
**Warranty:** 7 Year Warranty - 65°C  
3 Year Warranty - 85°C  
1 Year Warranty - 100°C

## PHOTOMETRICAL PARAMETERS

**Colour Temperature:** 4000K, 5000K  
**CRI:** 70, 80, 90

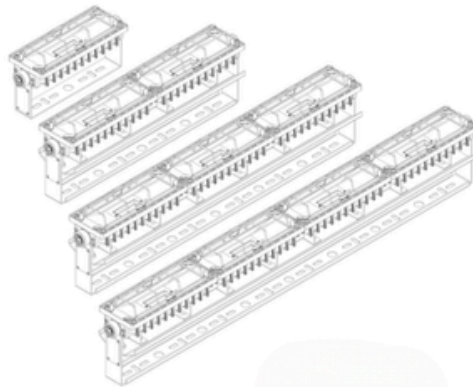
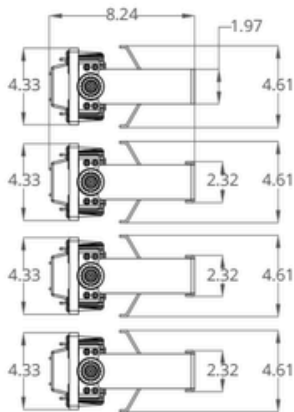
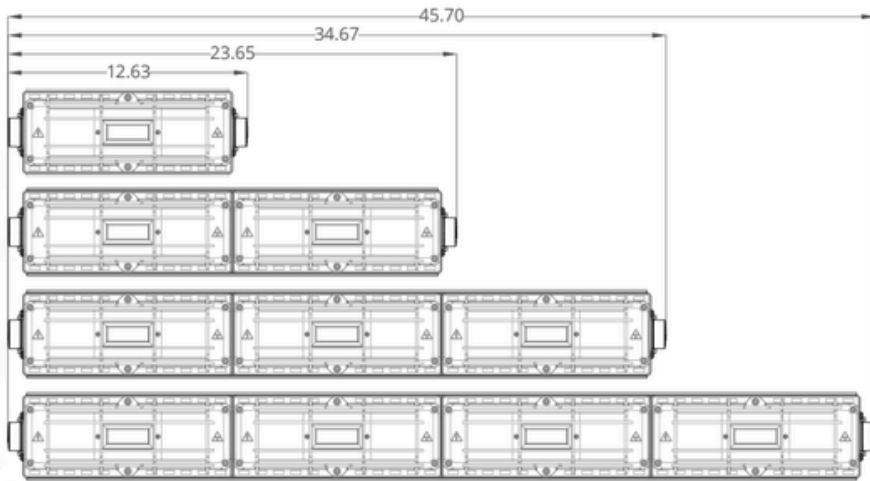
## LUMENS

Wattage	Lumen Output
10W	1,200 lm
20W	2,400 lm
30W	3,600 lm
35W	4,200 lm
40W	4,800 lm
60W	7,200 lm
70W	8,400 lm
80W	9,600 lm
105W	12,600 lm
140W	16,800 lm

## ORDERING INFORMATION

Series	Wattage Code	Wattage	Colour Temperature	Voltage Code	Voltage	Unit Code	Unit
RAD- SAFE LED	10	10W	50 / 5000K	100V	100VAC	1	one unit
RAD- SAFE LED	20	20W	50 / 5000K	120V	120VAC	2	two units
RAD- SAFE LED	30	30W	50 / 5000K	200V	200VAC	3	three units
RAD- SAFE LED	35	35W	50 / 5000K	208V	208VAC	4	four units
RAD- SAFE LED	40	40W	50 / 5000K	230V	230VAC		
RAD- SAFE LED	70	70W	50 / 5000K	277V	277VAC		
RAD- SAFE LED	60	60W	50 / 5000K	347V	347VAC		
RAD- SAFE LED	105	105W	50 / 5000K	480V	480VAC		
RAD- SAFE LED	80	80W	50 / 5000K	600V	600VAC		
RAD- SAFE LED	140	140W	50 / 5000K	250V	250VDC		

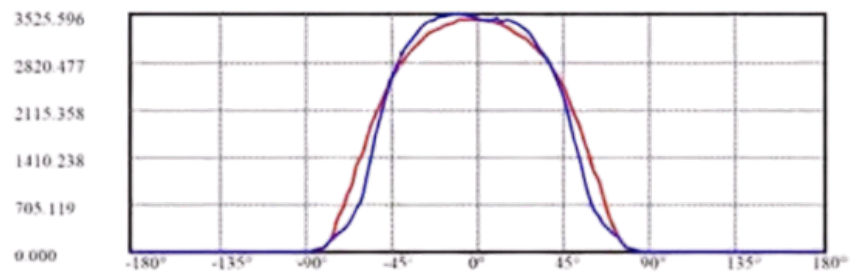
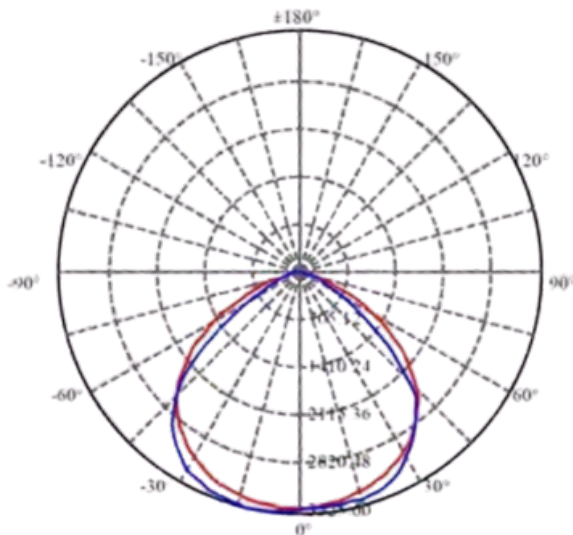
## DIMENSIONS



Unit	Weight
One	1.95Kg (4.30lbs)
Two	3.79Kg (8.36lbs)
Three	5.37Kg (11.84lbs)
Four	7.5Kg (16.5lbs)

unit: inch

## PHOTOMETRY



C0/C180: —  
C90/C270: —