

Electrical System

Input Voltage: 100-277V, 50/60Hz
 Power Factor: > 0.95 at full load.
 Total Harmonic Distortion: < 20% at full load
 IEC Protection Class: Class 1 driver
 Surge protection: 10kV surge suppression

Regulatory & Voluntary Qualifications

UL,CUL and DLC listed.
 Suitable for wet locations
 10kV surge suppression protection.
 Luminaire and finish endurance tested to withstand 500 hours of elevated ambient salt fog conditions.

Driver and control system features

Driver: dimmable
 Dimming type: 1-10V dimming/ Timer dimming
 Minimum dimming level: 10%
 Additional controls: Photocell ,Timer control,Solar option
 Intelligent controls: 5/7pin Name 7 Socket available
 (In compliance with Standard ANSI C136.41-2013)



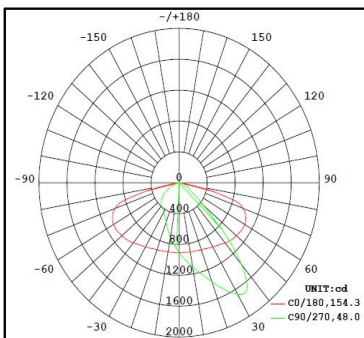
2 kinds of housing options

- (1). Smooth Housing: 30-150W
- (2). Rugged Housing: 30-180W

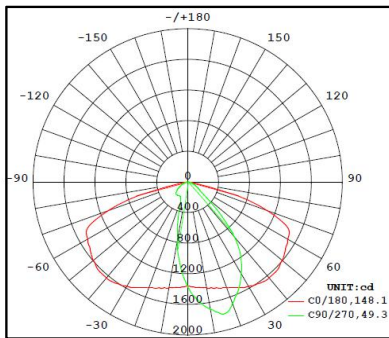


Product Code	Input power(W)	Delivered light output(lm)	Efficacy(lm/w)	CCT /CRI	Beam angle	Dimension	Optical lens	Weight
BL-ST08-30	30	3750	125	4000K 70RA	R09601, R09602,R09603	26.77"x11.1"x6.3"	PC lens & tempered glass	14.33lb
BL-ST08-050	50	6000	120	4000K 70RA		26.77"x11.1"x6.3"		14.33lb
BL-ST08-070	70	8400	120	4000K 70RA		26.77"x11.1"x6.3"		14.99lb
BL-ST07-090	90	11250	125	4000K 70RA	R17601,R17602,R17603,R17604	30.03"x13.85"x8.85"		19.84lb
BL-ST07-120	120	15000	125	4000K 70RA		30.03"x13.85"x8.85"		20.28lb
BL-ST07-150	150	18000	120	4000K 70RA		30.03"x13.85"x8.85"		20.28lb
BL-ST07-180	180	21600	120	4000K 70RA		30.03"x13.85"x8.85"		20.28lb

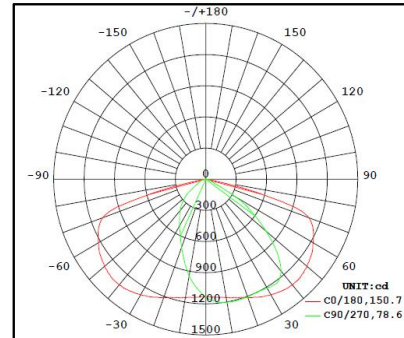
Typical photometrical features



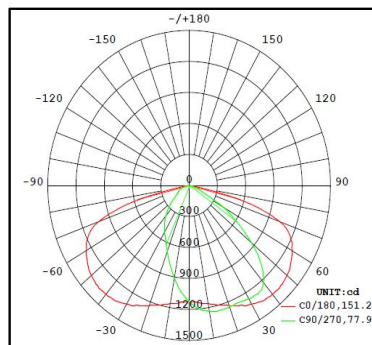
R09601



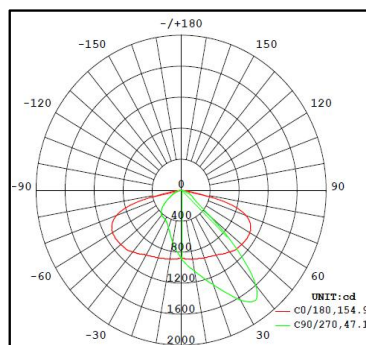
R09602



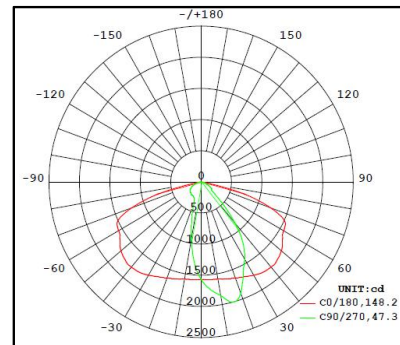
R09603



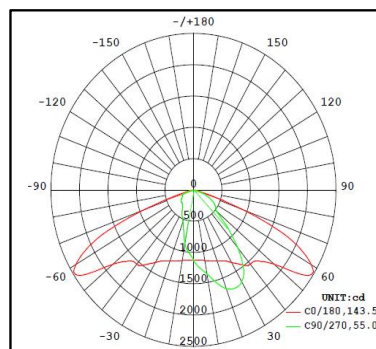
R17601



R17602



R17603



R17604