

# iPAR™-38

Fixed Wattage - Dimmable



The iPAR™-38 lamps from MSi are fixed wattage LED replacement bulbs with the light output of incandescent sources. The lamps bring the innovation and experience from multiple engineering disciplines to deliver a solution that is optimal for commercial, retail and residential applications.

## PRODUCT SUMMARY

- Fixed Wattage
- Dimmable
- 3 Colour Temperatures
- Multiple Beam Spreads, Custom Optics
- Proprietary CrimpFin™ Heatsink Design
- 50,000 hour life, 5 year warranty
- Halogen PAR form factor (ANSI compliant)
- No UV or IR radiation
- Voltage: 220 VAC
- 0.9 Power Factor
- Socket Type: Medium Screw Base (E27)
- Environment: Dry
- Length: 5.3 in, 135 mm
- Diameter: 4.8 in, 122 mm
- Weight: 0.9 lbs, 420 g

iPAR™-38

220~



2700K

3000K

4300K



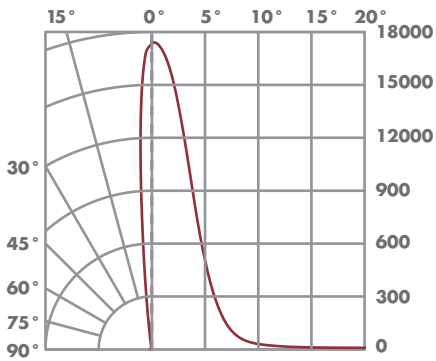
Product No.	Power	CCT (K)	CRI	Beam Spread	FWHM	Lumens	CBCP
iPAR3827102D	12 W	2700	82	10°	8°	600	16,500
iPAR3827162D			82	16°	13°		6,400
iPAR3827222D			82	22°	15°		4,300
iPAR3830102D	12 W	3000	82	10°	8°	650	17,500
iPAR3830162D			82	16°	13°		6,700
iPAR3830222D			82	22°	15°		4,500
iPAR3843102D	12 W	4300	75	10°	8°	700	18,400
iPAR3843162D			75	16°	13°		7,000
iPAR3843222D			75	22°	15°		4,700

# iPAR-38™

## CANDELA DISTRIBUTION

10°

3000K



## BEAM DISTRIBUTION



**Field**  
(293LM)  
(45%)

**Spill**  
(358LM)  
(55%)

**Spread**  
(234LM)  
(36%)

**FWHM**  
(186LM)  
(29%)



## 0° AIMING LUX

**Distance To Floor**  
(cms)



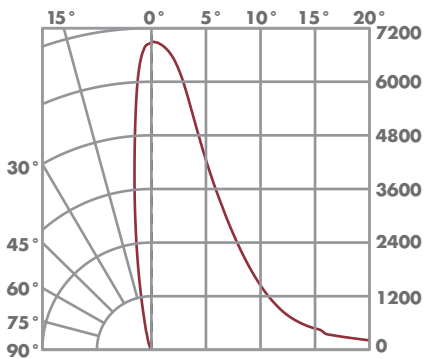
**Beam Diameter**  
(50% CBCP)  
(cms)

**Lux On Floor**

152	21	7535
305	43	1884
457	64	840
610	85	474

16°

3000K



**Field**  
(403LM)  
(62%)

**Spill**  
(247LM)  
(38%)

**Spread**  
(280LM)  
(46%)

**FWHM**  
(202LM)  
(31%)



**Distance To Floor**  
(cms)



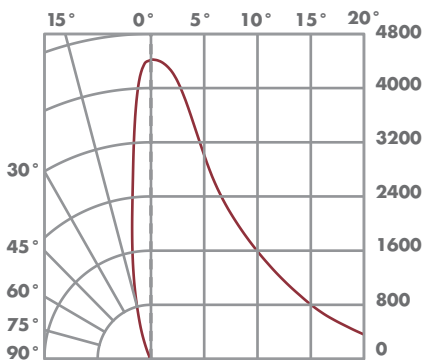
**Beam Diameter**  
(50% CBCP)  
(cms)

**Lux On Floor**

152	34	2885
305	70	721
457	104	323
610	140	183

22°

3000K



**Field**  
(457LM)  
(70%)

**Spill**  
(193LM)  
(30%)

**Spread**  
(289LM)  
(44%)

**FWHM**  
(166LM)  
(26%)



**Distance To Floor**  
(cms)



**Beam Diameter**  
(50% CBCP)  
(cms)

**Lux On Floor**

152	40	1938
305	79	484
457	119	215
610	162	118

**CAUTION:** Risk of electric shock. Do not open - no user serviceable parts inside. Use in dry locations only. Turn power off before inspection, installation, or removal. Not intended for use with emergency exit fixtures or emergency exit lights. Not for use where exposed to the weather. Not for use in completely enclosed fixtures. Use only on 220/277 Volts, 50/60 Hz circuits. Added weight of the device may cause instability of a free-standing portable luminaire.

**WARRANTY:** This product is covered by a 5 year limited warranty under normal operating conditions based on 12 hours of usage per day. For details please visit [www.msissl.com/warranty.html](http://www.msissl.com/warranty.html).