

iPAR™-38

with
Powerband Technology



iPAR™-38



The iPAR™-38 lamps from MSi are LED replacement bulbs with the light output and dimming capability 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

- Powerband Variable Wattage
- Fully Dimmable
- 3 Color 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: 120VAC
- 0.98 Power Factor, <15% THD
- Socket Type: Medium Screw Base
- Environment: Dry
- Length: 5.3 in, 135 mm
- Diameter: 4.8 in, 122 mm
- Weight: 0.9 lbs, 420 g

120~



2700K

3000K

4300K



Catalog#	CCT (K)	CRI	Beam Spread	FWHM	Lumens			CBCP		
					10 W	12 W	16 W	10 W	12 W	16 W
iPAR3827101D	2700	82	10°	8°	500	600	750	15,000	16,500	19,500
iPAR3827161D		82	16°	13°				5,400	6,400	7,600
iPAR3827221D		82	22°	15°				3,700	4,300	5,000
iPAR3830101D	3000	82	10°	8°	550	650	800	15,500	17,500	20,500
iPAR3830161D		82	16°	13°				5,750	6,700	8,000
iPAR3830221D		82	22°	15°				3,900	4,500	5,300
iPAR3843101D	4300	75	10°	8°	600	700	850	16,200	18,400	21,500
iPAR3843161D		75	16°	13°				6,000	7,000	8,400
iPAR3843221D		75	22°	15°				4,100	4,700	5,550

iPAR™-38

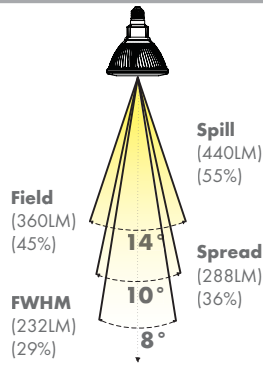
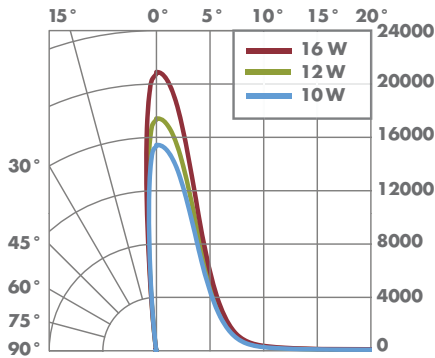
CANDELA DISTRIBUTION

BEAM DISTRIBUTION

0° AIMING FOOTCANDLES

10°

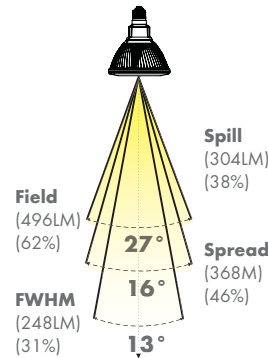
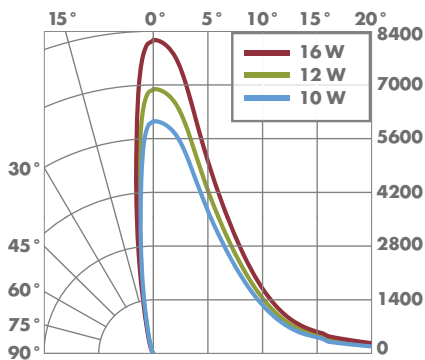
3000K



Distance To Floor	Beam Diameter (50% CBCP)	Footcandles On Floor (16 W)
5'	0.7'	820
10'	1.4'	205
15'	2.1'	91
20'	2.8'	51

16°

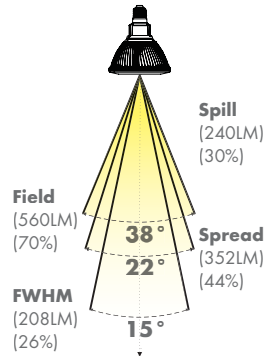
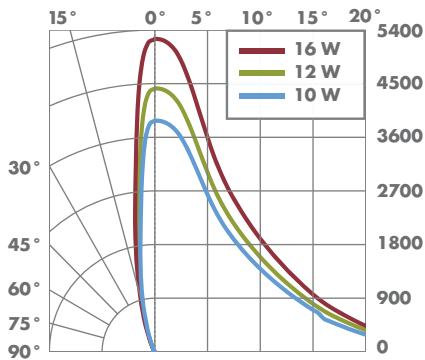
3000K



Distance To Floor	Beam Diameter (50% CBCP)	Footcandles On Floor (16 W)
5'	1.1'	320
10'	2.3'	80
15'	3.4'	36
20'	4.6'	20

22°

3000K

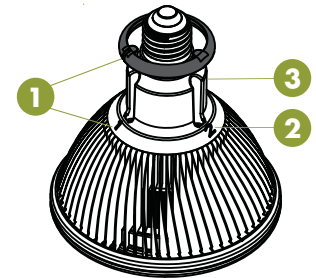


Distance To Floor	Beam Diameter (50% CBCP)	Footcandles On Floor (16 W)
5'	1.3'	212
10'	2.6'	53
15'	3.9'	24
20'	5.3'	13

Using Powerband™

The iPAR™-38 lamp has three selectable power level settings. These settings are indicated by numbers molded onto the plastic neck of the lamp assembly, and are selected by adjusting the position of a plastic power ring supplied with the lamp. Turn the power ring so that the indexing mark aligns with the wattage setting to be selected. To activate the new setting, turn the lamp off for five seconds and then back on. The iPAR™-38 lamp is factory shipped with setting 2 (12 Watts) enabled.

The three settings are as follows:
 Setting 1 - 10 Watts
 Setting 2 - 12 Watts
 Setting 3 - 16 Watts



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 120 Volts, 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.

A complete list of dimmers supported by the models listed on this product sheet can be found at www.msissl.com.