

iPAR™-30S

with
Powerband Technology



The iPAR™-30S 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: 3.6 in, 92 mm
- Diameter: 3.75 in, 95 mm
- Weight: 0.65 lbs, 300 g

iPAR™-30S

120~



2700K

3000K

4300K



Catalog#	CCT (K)	CRI	Beam Spread	FWHM	8 W	Lumens 10 W	12 W	8 W	CBCP 10 W	12 W
iPAR30S27101D	2700	82	10°	8°	400	500	600	13,000	15,000	16,500
iPAR30S27161D		82	16°	13°				4,400	5,400	6,400
iPAR30S27221D		82	22°	15°				3,100	3,700	4,300
iPAR30S30101D	3000	82	10°	8°	450	550	650	13,500	15,500	17,500
iPAR30S30161D		82	16°	13°				4,800	5,750	6,700
iPAR30S30221D		82	22°	15°				3,300	3,900	4,500
iPAR30S43101D	4300	75	10°	8°	500	600	700	14,000	16,200	18,400
iPAR30S43161D		75	16°	13°				5,000	6,000	7,000
iPAR30S43221D		75	22°	15°				3,500	4,100	4,700

1342 South Powerline Road, Deerfield Beach, FL 33442

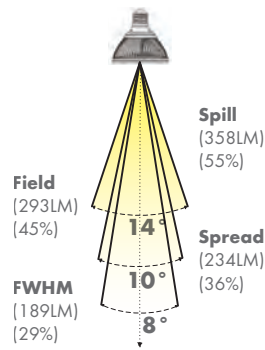
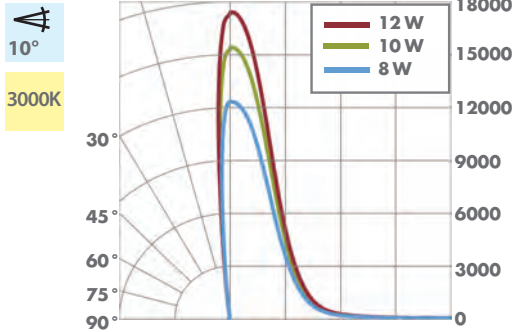
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iPAR-30S™

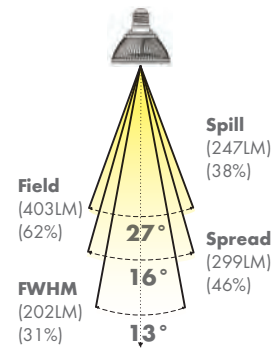
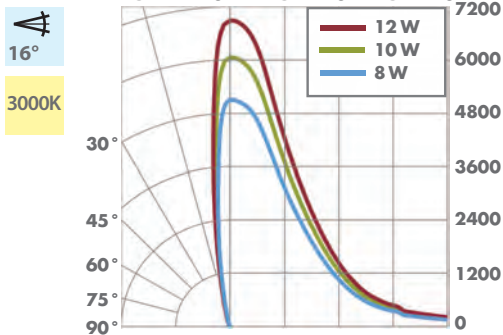
CANDELA DISTRIBUTION

BEAM DISTRIBUTION

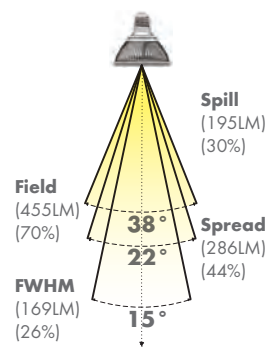
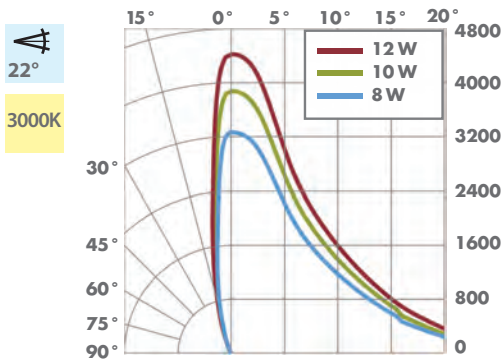
0° AIMING FOOTCANDLES



Distance To Floor	Beam Diameter (50% CBCP)	Footcandles On Floor (12 W)
5'	0.7'	700
10'	1.4'	175
15'	2.1'	78
20'	2.8'	44



Distance To Floor	Beam Diameter (50% CBCP)	Footcandles On Floor (12 W)
5'	1.1'	268
10'	2.3'	67
15'	3.4'	30
20'	4.6'	17

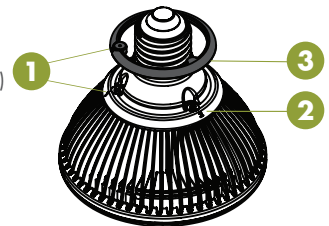


Distance To Floor	Beam Diameter (50% CBCP)	Footcandles On Floor (12 W)
5'	1.3'	180
10'	2.6'	45
15'	3.9'	20
20'	5.3'	11

Using Powerband™

The iPAR-30S 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-30S lamp is factory shipped with setting 2 (10 Watts) enabled.

- The three settings are as follows:
- Setting 1 - 8 Watts
 - Setting 2 - 10 Watts
 - Setting 3 - 12 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.

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