

iMR™-16

Fixed Wattage



iMR™-16

PRODUCT SUMMARY

- Fixed Wattage
- 3 Colour Temperatures
- Proprietary CrimpFin™ Heatsink Design
- 50,000 hour life, 5 year warranty
- Halogen MR form factor (ANSI compliant)
- No UV or IR radiation
- Voltage: 12VAC
- Socket Type: GU-5.3 Base
- Environment: Dry
- Length: 2 in, 50 mm
- Diameter: 2 in, 50 mm
- Weight: 1.5 oz, 42 g
- Magnetic and electronic transformer compatible*
- For use with class II power source



The iMR™-16 lamps from MSi are fixed wattage LED replacement bulbs with the light output of halogen 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.

12~



2700K

3000K

4300K



23°



32°



44°



60°



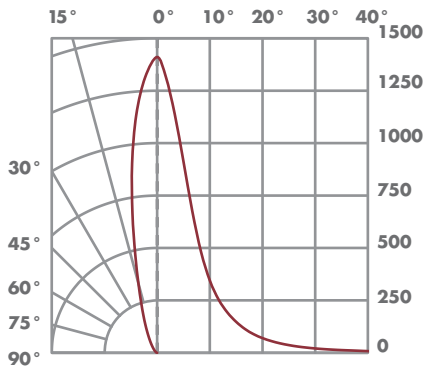
Catalog#	Power	CCT (K)	CRI	Beam Spread	FWHM	Lumens	CBCP
iMR1627230N	5 W	2700	83	30°	23°	300	1,310
iMR1627320N			83	45°	32°		775
iMR1627440N			83	60°	44°		475
iMR1627600N			83	80°	60°		295
iMR1630230N	5 W	3000	83	30°	23°	330	1,410
iMR1630320N			83	45°	32°		830
iMR1630440N			83	60°	44°		510
iMR1630600N			83	80°	60°		315
iMR1643230N	5 W	4300	75	30°	23°	360	1,515
iMR1643320N			75	45°	32°		890
iMR1643440N			75	60°	44°		550
iMR1643600N			75	80°	60°		363

iMR-16™

CANDELA DISTRIBUTION

23°

3000K



BEAM DISTRIBUTION



Spill
(109LM)
(33%)

Field
(221LM)
(67%)

FWHM
(102LM)
(31%)

50°

30°

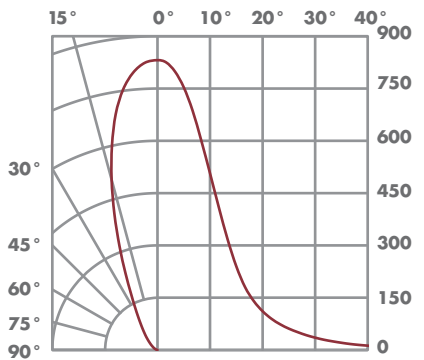
23°

0° AIMING FOOTCANDLES

Distance To Floor (cms)	Beam Diameter (50% CBCP) (cms)	Lux On Floor
91	37	1690
183	73	420
274	113	183
366	146	108

32°

3000K



Spill
(63LM)
(19%)

Field
(267LM)
(81%)

FWHM
(152LM)
(46%)

70°

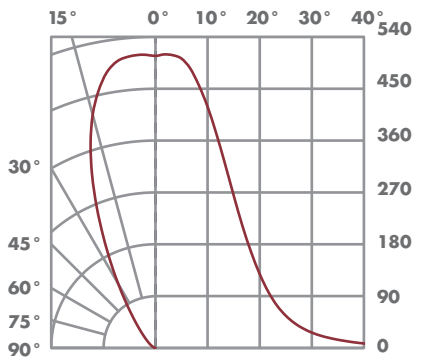
45°

32°

Distance To Floor (cms)	Beam Diameter (50% CBCP) (cms)	Lux On Floor
91	52	990
183	104	248
274	158	108
366	210	65

44°

3000K



Spill
(36LM)
(11%)

Field
(294LM)
(89%)

FWHM
(215LM)
(65%)

80°

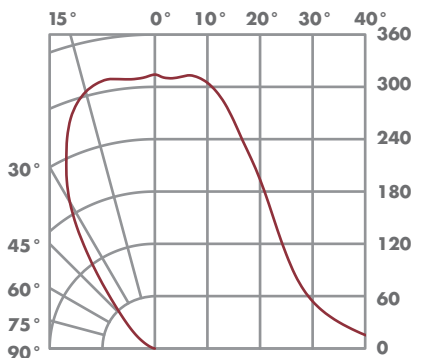
60°

44°

Distance To Floor (cms)	Beam Diameter (50% CBCP) (cms)	Lux On Floor
91	73	614
183	146	151
274	223	65
366	296	43

60°

3000K



Spill
(20LM)
(6%)

Field
(310LM)
(94%)

FWHM
(238LM)
(72%)

105°

80°

60°

Distance To Floor (cms)	Beam Diameter (50% CBCP) (cms)	Lux On Floor
91	107	377
183	210	97
274	317	43
366	424	22

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 12 VAC circuits. For use with Class II power source.

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.