

Project Name:	Type:
Part Number:	Date:

# REFINE MR16 FAMILY

## FEATURES

- Suitable to replace 42W, 50W, and 75W halogen MR16 lamps
- Powered by TRUE CHROMA (CRI $\geq$ 95, Rf $\geq$ 93, R9 $\geq$ 50, SDCM $\leq$ 3)
- Proprietary REFINE lens enables powerful light output without glare
- 10°, 15°, 25°, 35° beam angles
- Meets ANSI halogen MR16 size requirements
- Dimmable with forward and reverse phase controls\*
- Suitable for use in damp locations and totally enclosed fixtures
- Fixture operating temperature: -13°F to 95°F (-25°C to 35°C)
- Lamp ambient temperature: -13°F to 113°F (-25°C to 45°C)
- Rated Lifetime (L70): 25,000hrs
- Industry leading 5 year warranty\*\*



040221



## SPECIFICATIONS - 42W / 50W Equivalent GU5.3

Product	Model	Equiv.	Wattage (W)	CCT	Lumens (lm)	Efficacy (LPW)	Input Voltage	Beam Angle	CBCP (cd)	CRI	Dim.*	Power Factor	Base	Fixture Rating	TRUE CHROMA	ES / JA8 / T20
35767	7.5MR16DIM/927SP10/R	42W	7.5	2700K	530	71	12V	10°	7,000	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35550	7MR16DIM/927SP15/R	50W	7	2700K	490	70	12V	15°	5,145	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35551	7MR16DIM/927NF25/R	50W	7	2700K	490	70	12V	25°	2,800	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35552	7MR16DIM/927FL35/R	50W	7	2700K	490	70	12V	35°	1,425	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35768	7.5MR16DIM/930SP10/R	42W	7.5	3000K	540	72	12V	10°	7,200	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35553	7MR16DIM/930SP15/R	50W	7	3000K	500	71	12V	15°	5,250	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35554	7MR16DIM/930NF25/R	50W	7	3000K	500	71	12V	25°	2,900	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35555	7MR16DIM/930FL35/R	50W	7	3000K	500	71	12V	35°	1,450	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35769	7.5MR16DIM/940SP10/R	42W	7.5	4000K	550	73	12V	10°	7,400	95	Yes	0.9	GU5.3	Enclosed	NO	✓/✓/✓
35556	7MR16DIM/940FL35/R	50W	7	4000K	510	73	12V	35°	1,480	95	Yes	0.9	GU5.3	Enclosed	NO	✓/✓/✓

## SPECIFICATIONS - 75W Equivalent GU5.3

Product	Model	Equiv.	Wattage (W)	CCT	Lumens (lm)	Efficacy (LPW)	Input Voltage	Beam Angle	CBCP (cd)	CRI	Dim.*	Power Factor	Base	Fixture Rating	TRUE CHROMA	ES / JA8 / T20
35536	7.5MR16DIM/927SP15/R	75W	7.5	2700K	530	71	12V	15°	5,570	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35537	7.5MR16DIM/927NF25/R	75W	7.5	2700K	530	71	12V	25°	3,000	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35538	7.5MR16DIM/927FL35/R	75W	7.5	2700K	530	71	12V	35°	1,540	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35539	7.5MR16DIM/930SP15/R	75W	7.5	3000K	540	72	12V	15°	5,670	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35540	7.5MR16DIM/930NF25/R	75W	7.5	3000K	540	72	12V	25°	3,100	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35541	7.5MR16DIM/930FL35/R	75W	7.5	3000K	540	72	12V	35°	1,560	95	Yes	0.9	GU5.3	Enclosed		✓/✓/✓
35542	7.5MR16DIM/940FL35/R	75W	7.5	4000K	550	73	12V	35°	1,595	95	Yes	0.9	GU5.3	Enclosed	NO	✓/✓/✓

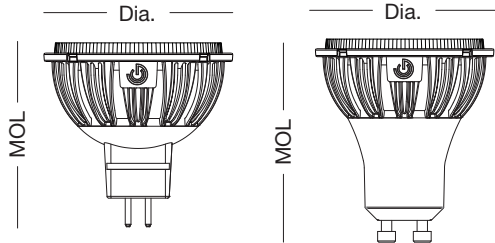
## SPECIFICATIONS - 50W Equivalent GU10

Product	Model	Equiv.	Wattage (W)	CCT	Lumens (lm)	Efficacy (LPW)	Input Voltage	Beam Angle	CBCP (cd)	CRI	Dim.*	Power Factor	Base	Fixture Rating	TRUE CHROMA	ES / JA8 / T20
35559	5GU10DIM/927FL35	50W	5	2700K	380	76	120V	35°	1,105	95	Yes	0.9	GU10	Enclosed		✓/✓/✓
35562	5GU10DIM/930FL35	50W	5	3000K	390	78	120V	35°	1,135	95	Yes	0.9	GU10	Enclosed		✓/✓/✓

\* This lamp might not be compatible with all dimmers and low-voltage transformers. Please visit [www.greencreative.com](http://www.greencreative.com) for compatibility information.  
 \*\*Please visit [www.greencreative.com](http://www.greencreative.com) for Limited Warranty terms.

# REFINE MR16 FAMILY

## DIMENSIONS & WEIGHT



Model	Base	MOL	Dia.	Weight
7.5MR16DIM/xxxxyyyy/R	GU5.3	1-7/8"	2"	0.11lb
7MR16DIM/xxxxyyyy/R	GU5.3	1-7/8"	2"	0.11lb
5GU10DIM/xxxxyyyy	GU10	2-3/16"	2"	0.11lb

Where xxx means 824-965 which indicates CRI and color temperature  
 Where yyyy means beam angle

## ORDERING INFORMATION

Product Series	Master Carton			Shipping Carton		
	Case Qty	Case Dimensions (LxWxH)	Case Weight	Case Qty	Case Dimensions (LxWxH)	Case Weight
GU5.3 MR Lamps	12PCS	8-7/8" x 6-11/16" x 2-3/4"	1.75 lb	48PCS	13-7/8" x 9-1/4" x 6-5/8"	7.5 lb
GU10 MR Lamps	12PCS	8-7/8" x 6-11/16" x 2-15/16"	1.86 lb	48PCS	13-7/8" x 9-1/4" x 7"	8.13 lb

## CERTIFICATION INFORMATION

Product	Model	ES ID#
35767	7.5MR16DIM/927SP10/R	2372480
35550	7MR16DIM/927SP15/R	2372473
35551	7MR16DIM/927NF25/R	2372474
35552	7MR16DIM/927FL35/R	2372475
35768	7.5MR16DIM/930SP10/R	2372481
35553	7MR16DIM/930SP15/R	2372476
35554	7MR16DIM/930NF25/R	2372477
35555	7MR16DIM/930FL35/R	2372478
35769	7.5MR16DIM/940SP10/R	2372482
35556	7MR16DIM/940FL35/R	2372479
35536	7.5MR16DIM/927SP15/R	2372466
35537	7.5MR16DIM/927NF25/R	2372467
35538	7.5MR16DIM/927FL35/R	2372468
35539	7.5MR16DIM/930SP15/R	2372469
35540	7.5MR16DIM/930NF25/R	2372470
35541	7.5MR16DIM/930FL35/R	2372471
35542	7.5MR16DIM/940FL35/R	2372472
35558	5GU10DIM/927NF25	2372461
35559	5GU10DIM/927FL35	2372462
35561	5GU10DIM/930NF25	2372463
35562	5GU10DIM/930FL35	2372464
35563	5GU10DIM/940FL35	2372465

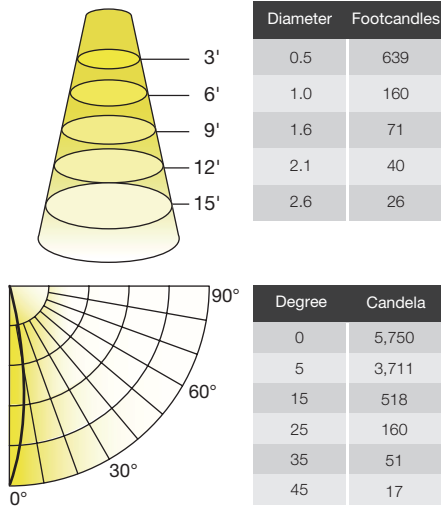


# REFINE MR16 FAMILY

## ILLUMINANCE & CANDELA DISTRIBUTION

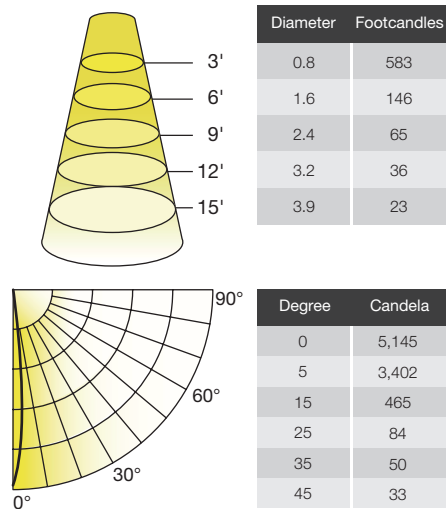
### 42W Equivalence

#### 7.5MR16DIM/930SP10/R

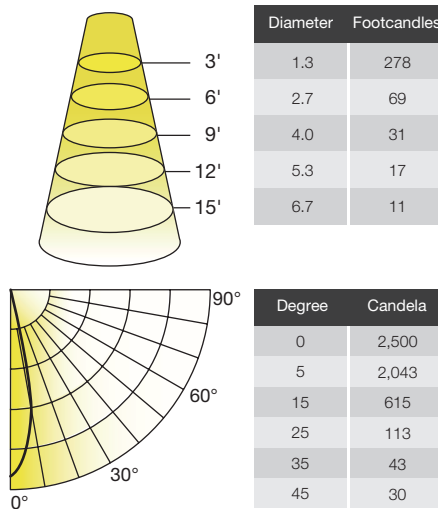


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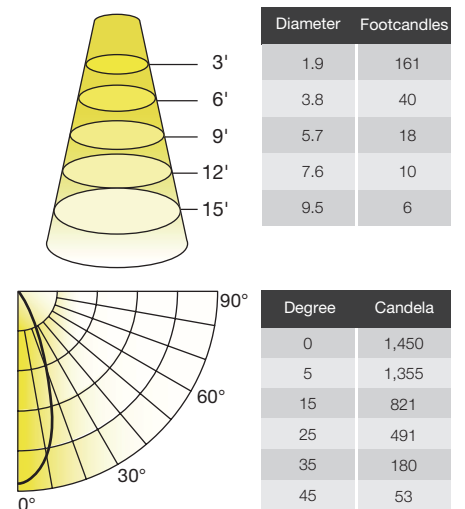
#### 7MR16DIM/930SP15/R



#### 7MR16DIM/930NF25/R



#### 7MR16DIM/930FL35/R



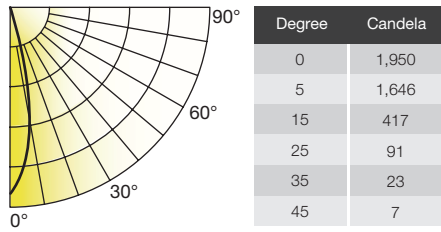
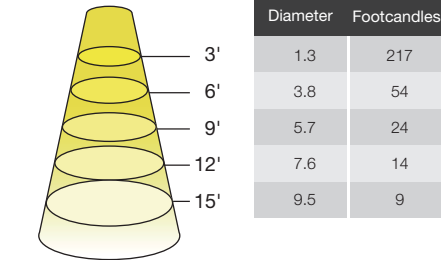


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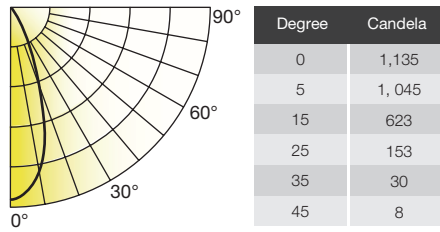
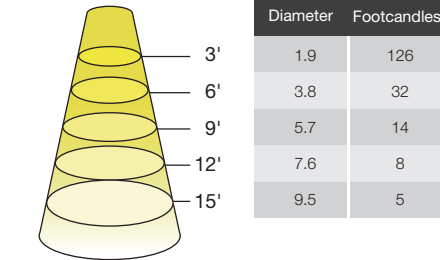
## ILLUMINANCE & CANDELA DISTRIBUTION

### 50W Equivalence

5GU10DIM/930NF25

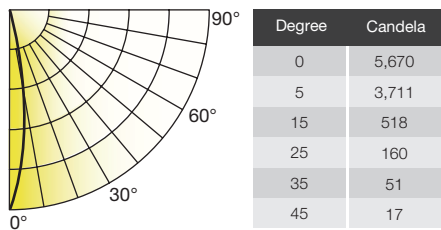
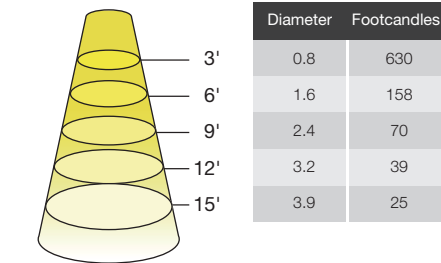


5GU10DIM/930FL35

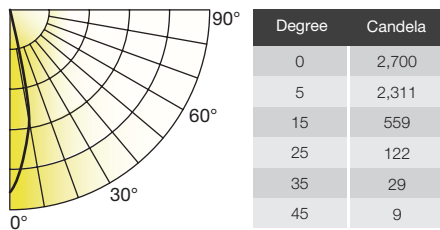
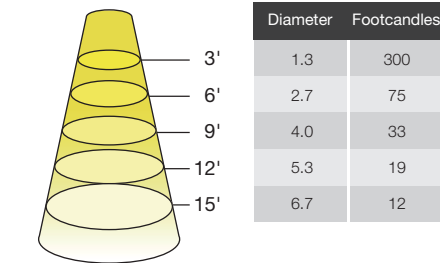


### 75W Equivalence

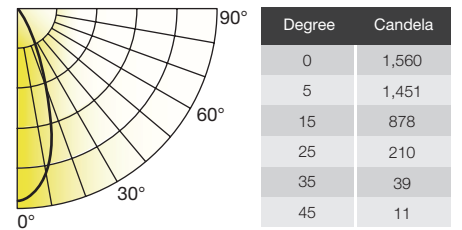
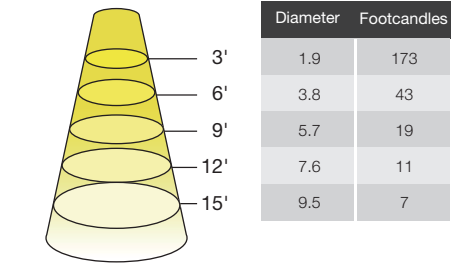
7.5MR16DIM/930SP15/R



7.5MR16DIM/930NF25/R



7.5MR16DIM/930FL35/R



For other CCT use the following multiplier: 2700K .98, 4000K 1.02.

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