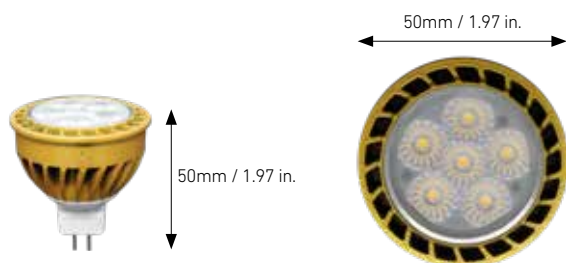




PROJECT: \_\_\_\_\_

MODELS: \_\_\_\_\_



**Output:** 224 - 690 lumen

**Beam Angle:** 15° Spot, 45° Flood, 60° Wide Flood

**Color Temperature:** 2700K, 3000K

## Flex Gold™ - MR16 LED Lamp Series

### KEY FEATURES & BENEFITS

#### 12V AC OR DC POWER

Compatible with low-voltage landscape lighting systems.

#### LONG LIFESPAN

Rated to 50,000 hours, reducing the need for frequent replacements.

#### HIGH POWER/LUMEN EFFICIENCY

Provides bright illumination while consuming less energy.

#### VERSATILITY

Multiple beam angles and light output choices allow for customized lighting effects to enhance landscape aesthetics.

#### COMPATIBILITY

Sized to MR16 standard to fit all indoor and outdoor lighting fixtures using GU5.3 sockets.



## INTENDED USE & LOCATION RATING

Replaces all standard sized low-voltage MR16 lamps used in Landscape Lighting fixtures, as well as indoor and outdoor rated downlights and track heads. Lamps are designed with superior water protection but are not rated for direct water exposure or submersion.

## MECHANICAL

**Diameter:** 50mm/1.97 in.

**Height:** 50mm/1.97 in.

**Weight:** 57 gm/2.0 oz

## OPERATING TEMPERATURE

**Minimum:** -40°F/-40°C

**Maximum:** 113°F/45°C

**Typical:** 77°F/25°C

## THERMAL RATING

Suitable for use in fully enclosed & water sealed lighting fixtures. Lamps utilize a patent pending heat sink design to run cool and provide years of continuous use.

## PRODUCT LIFETIME & WARRANTY

Rated Lifetime to L70 of 50,000 hours

Warranty is 5 years subject to normal operating conditions.

## ELECTRICAL SPECIFICATIONS

[FILE:///I:/USERS/MORANEX/DOWNLOADS/SPEC%203270186430-1%20FOR%20P327-6550-1%20.PDF](#)

Power Output (Watts)	2W	3W	5W	6W
Input Voltage	9 – 24V AC/DC			
Electric Compatibility	Works with 12-24VAC magnetic & electronic transformers and 12-24VDC electronic transformers			
Dimming Compatibility	Phase-cut or Magnetic Low-Voltage			
Frequency	50/60Hz			
Base Type:	GU5.3			

## ACCESSORIES



**MR16AXOP**  
Linear Spread MR16 Glass Lens



**MR16RED**  
Red Color MR16 Glass Lens



**MR16AMBER**  
Amber Color MR16 Glass Lens



**MR16DEOP**  
Frosted MR16 Glass Lens



**MR16ORANGE**  
Orange Color MR16 Glass Lens



**16CLIP**  
Lens Retainer Clip



**MR16BLUE**  
Blue Color MR16 Glass Lens



**MR16GREEN**  
Green Color MR16 Glass Lens



**MR16HEX**  
Lens Retainer Clip

## CERTIFICATIONS

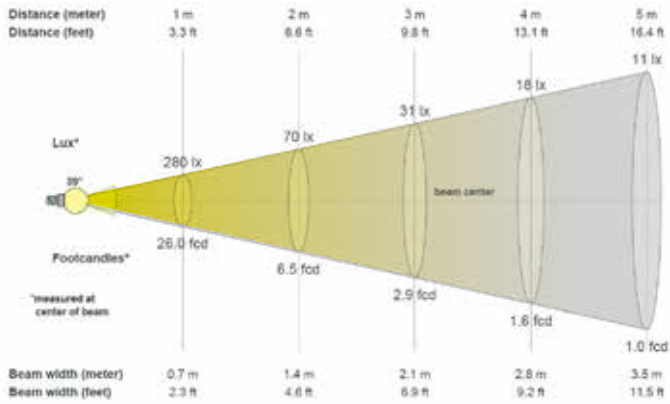


Intertek  
5030580

PHOTOMETRICS

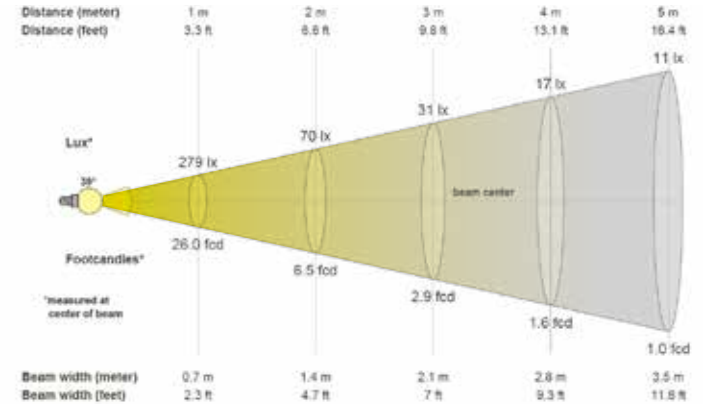
2700K

LED-2W-DM6FL27K

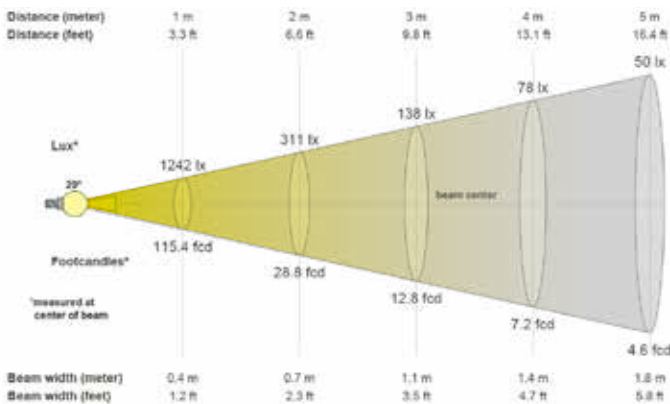


3000K

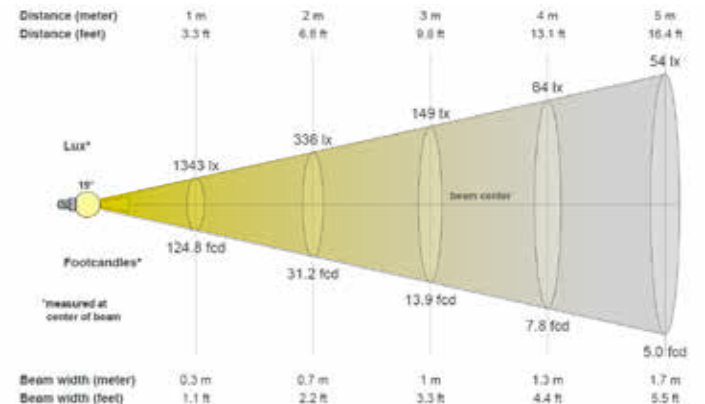
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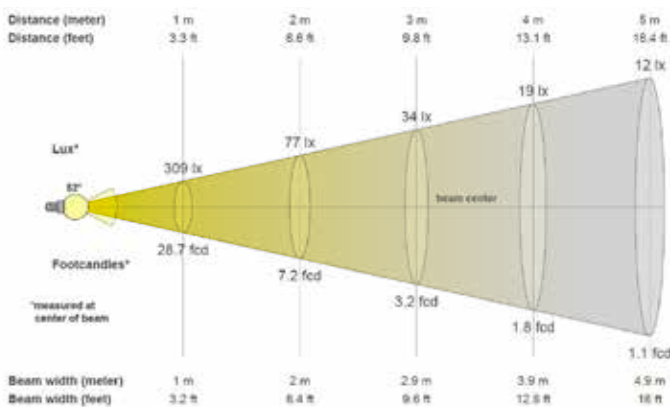
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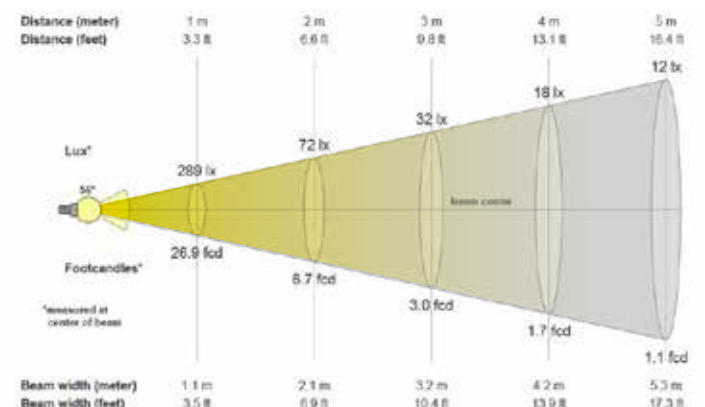
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LED-2W-DM6WF27K



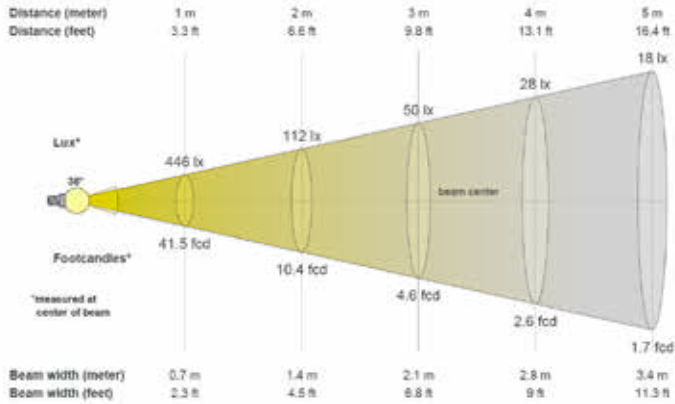
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## PHOTOMETRICS

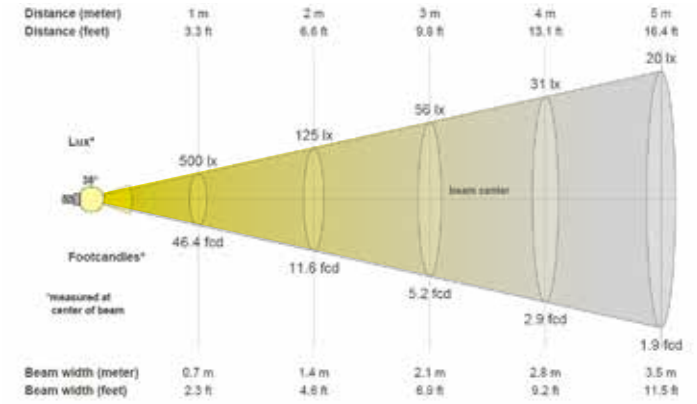
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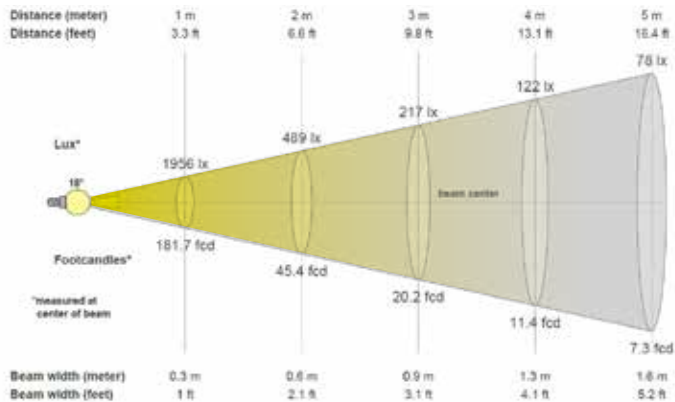


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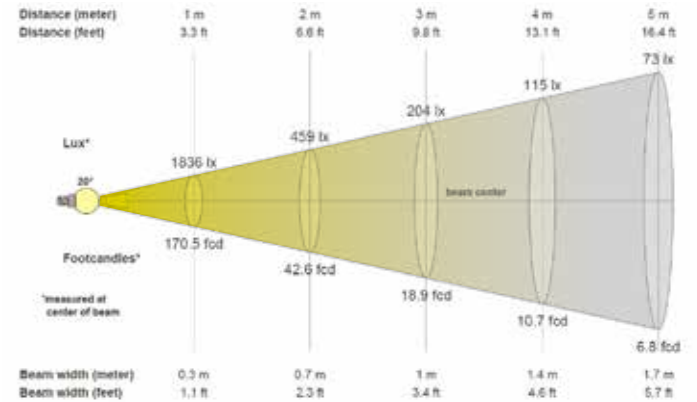
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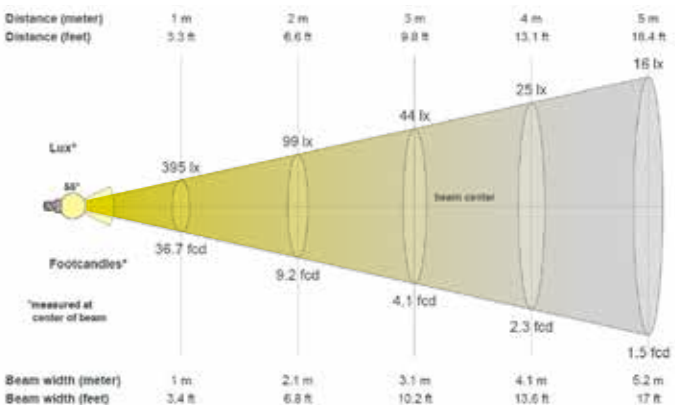
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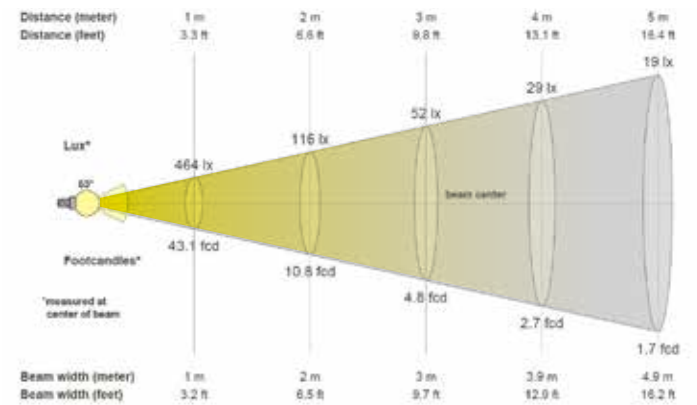
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#### LED-3W-DM6WF27K



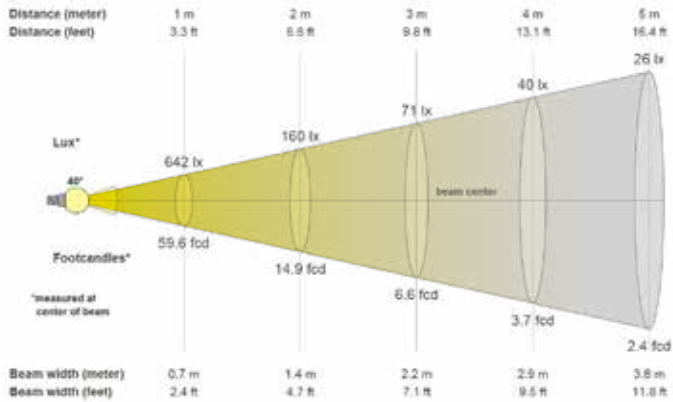
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PHOTOMETRICS

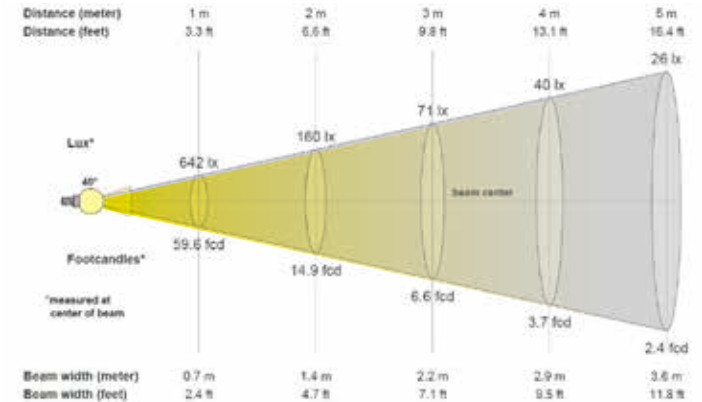
2700K

LED-5W-DM6FL27K

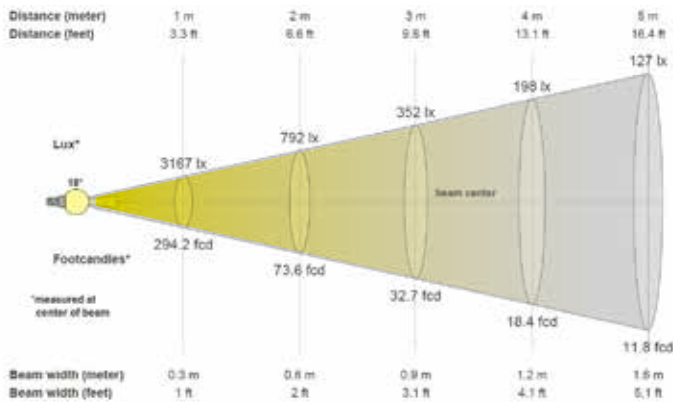


3000K

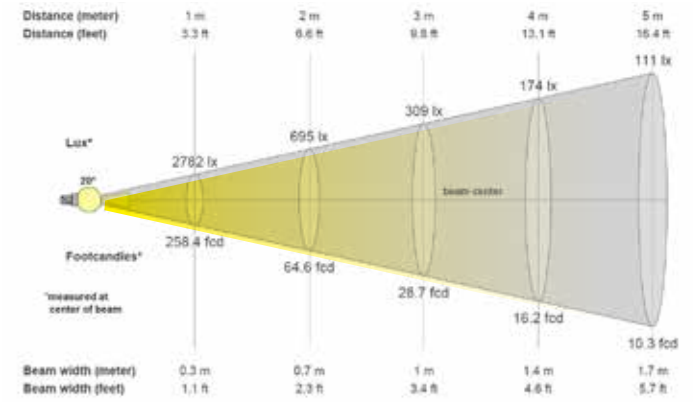
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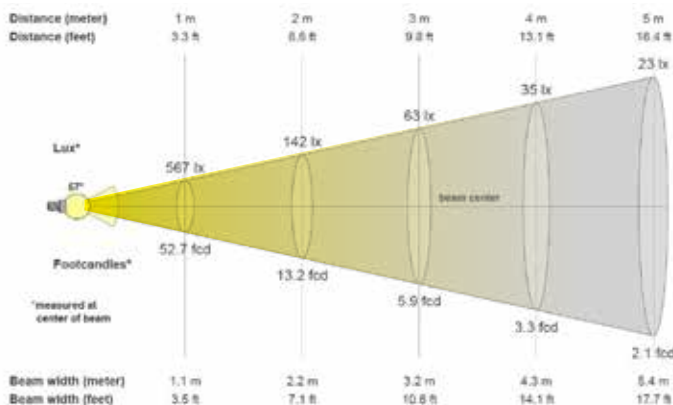
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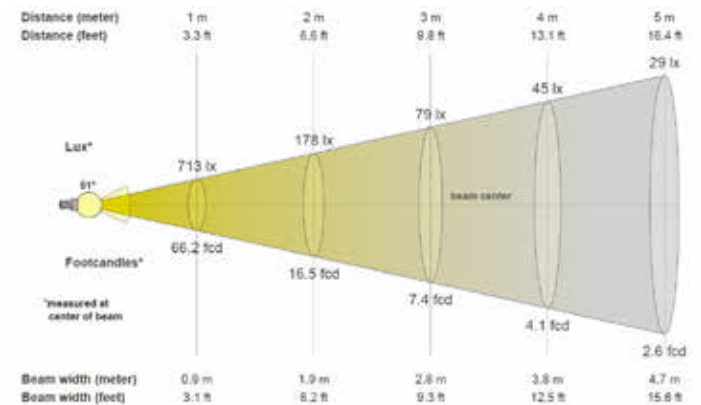
LED-5W-DM6SP30K



LED-5W-DM6WF27K



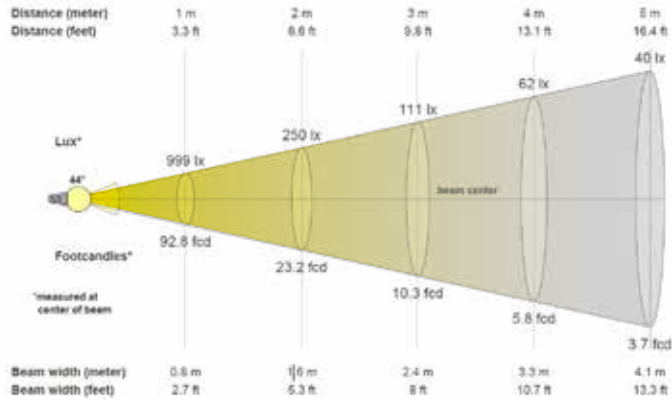
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## PHOTOMETRICS

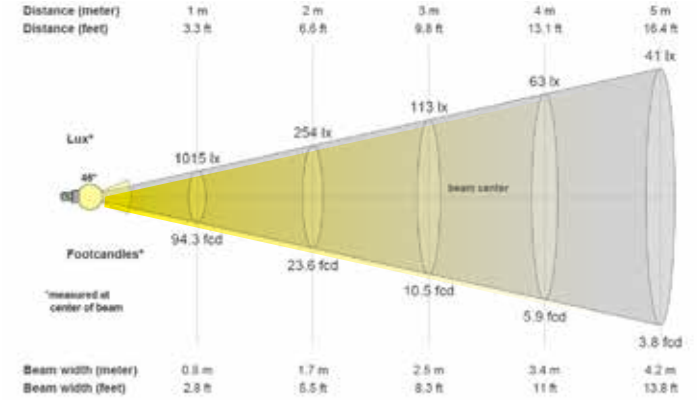
### 2700K

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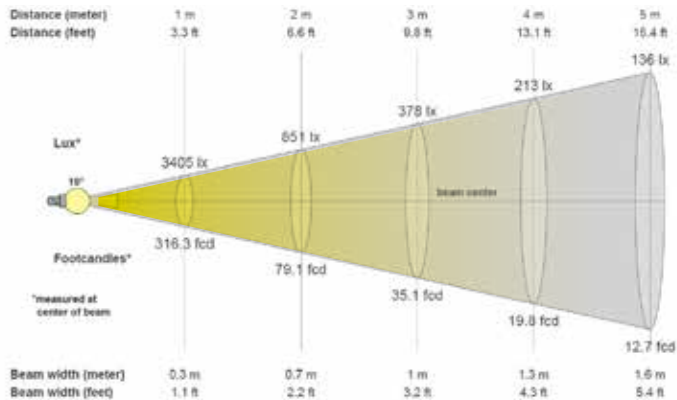


### 3000K

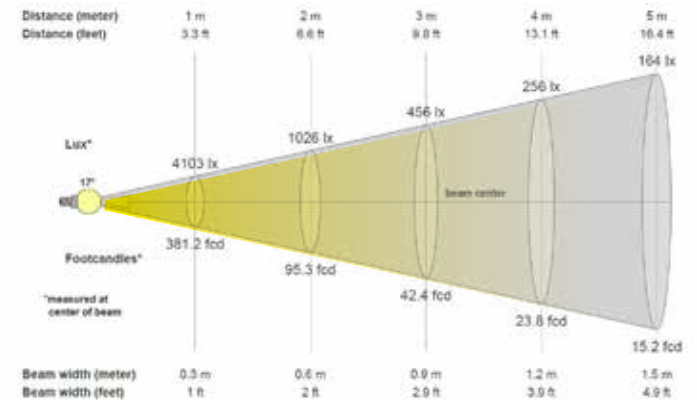
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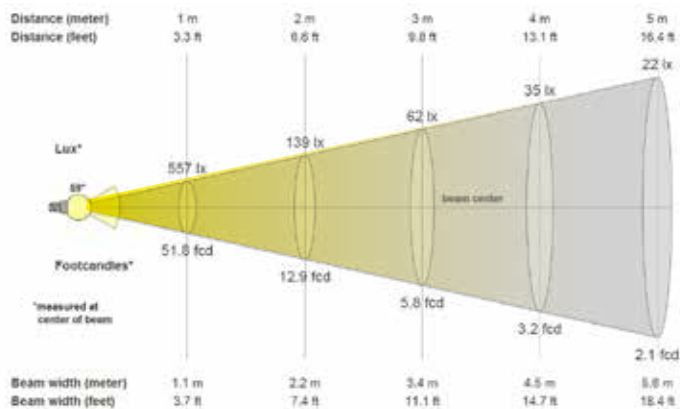
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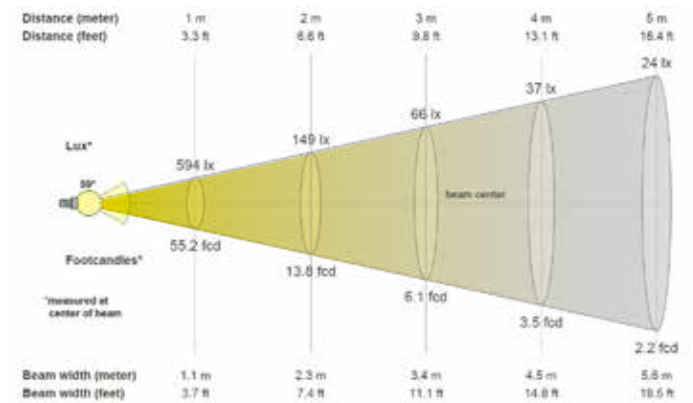
#### LED-6W-DM6SP30K



#### LED-6W-DM6WF27K



#### LED-6W-DM6WF30K



## ORDERING INFORMATION

Power	Item No.	CCT	Beam	Lumens	CBCP	Efficacy	VA	CRI
2W	LED-2W-DM6FL27K	2700K	45	230	288	115	2.67	84
	LED-2W-DM6FL30K	3000K	45	236	302	120	2.62	82
	LED-2W-DM6SP27K	2700K	15	224	1235	115	2.56	84
	LED-2W-DM6SP30K	3000K	15	228	1260	121	2.47	83
	LED-2W-DM6WF27K	2700K	60	234	273	121	2.54	84
	LED-2W-DM6WF30K	3000K	60	239	281	123	2.58	83
3W	LED-3W-DM6FL27K	2700K	45	340	428	114	3.88	84
	LED-3W-DM6FL30K	3000K	45	368	498	119	3.92	85
	LED-3W-DM6SP27K	2700K	15	327	1794	107	3.96	83
	LED-3W-DM6SP30K	3000K	15	354	1958	117	3.94	85
	LED-3W-DM6WF27K	2700K	60	352	391	113	3.95	84
	LED-3W-DM6WF30K	3000K	60	370	408	121	3.88	85
5W	LED-5W-DM6FL27K	2700K	45	531	669	104	6.46	83
	LED-5W-DM6FL30K	3000K	45	543	695	108	6.34	84
	LED-5W-DM6SP27K	2700K	15	520	2847	104	6.36	83
	LED-5W-DM6SP30K	3000K	15	522	2856	104	6.38	84
	LED-5W-DM6WF27K	2700K	60	516	564	106	6.27	83
	LED-5W-DM6WF30K	3000K	60	528	580	106	6.17	84
6W	LED-6W-DM6FL27K	2700K	45	674	1035	113	7.54	83
	LED-6W-DM6FL30K	3000K	45	690	1089	116	7.55	85
	LED-6W-DM6SP27K	2700K	15	638	3419	106	7.66	83
	LED-6W-DM6SP30K	3000K	15	682	3619	117	7.35	85
	LED-6W-DM6WF27K	2700K	60	626	552	106	7.48	83
	LED-6W-DM6WF30K	3000K	60	656	598	112	7.42	85

## APPLICATIONS

Landscape Lighting, Outdoor Architectural Lighting, Interior Architectural Lighting

2W	Low	<ul style="list-style-type: none"> <li>• <b>Accent Lighting:</b> Highlighting small garden features, sculptures, or decorative elements without overwhelming them.</li> <li>• <b>Niche Lighting:</b> Small alcoves or niches, add depth and interest to architectural features.</li> </ul>
3W	Medium	<ul style="list-style-type: none"> <li>• <b>Larger Plants:</b> Use to highlight larger plants &amp; shrubs, adding depth and dimension.</li> </ul>
5W		<ul style="list-style-type: none"> <li>• <b>Driveways:</b> Suitable for driveways, offering enough illumination for safety without being overpowering.</li> <li>• <b>Patios and Decks:</b> Create a comfortable ambiance for outdoor seating areas, making them perfect for social gatherings.</li> <li>• <b>Spotlighting:</b> Highlighting larger artwork, architectural features, or focal points in a room or garden.</li> </ul>
6W	High	<ul style="list-style-type: none"> <li>• <b>Trees:</b> Utilize different beam angles and multiple locations to highlight trunk &amp; under canopy.</li> <li>• <b>Pathways and Walkways:</b> Provide safe and attractive lighting along traffic areas.</li> <li>• <b>Security Lighting:</b> Enhance security around entryways, driveways, and other vulnerable areas.</li> <li>• <b>Outdoor Flood Lighting:</b> Perfect for illuminating larger outdoor spaces, such as patios, decks, or gardens.</li> </ul>

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