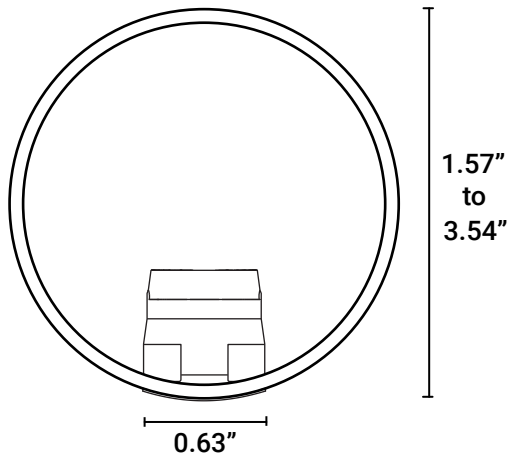
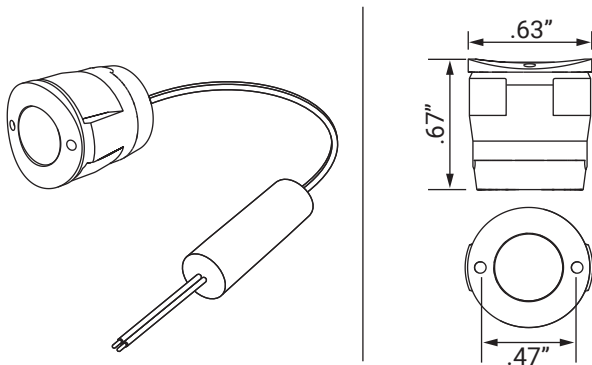




**M16 DOT MODULES**



**Dimensions**



**FEATURES**

M16 Dot Modules illuminate each step with focused, downward light, reducing the risk of missed steps and giving users clear visual cues at every level. Engineered for visual comfort, Dot Modules deliver subtle illumination that stays out of the line of sight. The downward focused beam minimizes glare and uplighting, reducing sky glow while keeping pathways clearly lit. This subtle design integrates seamlessly into any environment, from modern corporate campuses to historic buildings, without compromising aesthetics or sight lines.

LUMENS	73L - 122L
CCT	27K/30K/35K/40K/50K/60K/590nm
DIMMING	Fixed Output
CRI	90+ CRI
VOLTAGE	24v DC - Constant Voltage
IP RATING	IP 67
BEAM PATTERNS	25°/35°/45°/65°/Asymm. 30°
WORKING TEMPERATURE	-4° F to 113° F
LIFETIME	50,000 hour LED lifespan



#### OPTICS

The IP67 rated M16 modules provide directed illumination utilizing precision acrylic optics to shape light into six distinct beam distributions; a 25°, 35°, 45° or 65° Symmetric, a 30° Asymmetric or 65° Elliptical. Dot modules are available in 1 watt or 1.5 watt power options and may be spaced 12" - 60" apart depending on the desired level of illumination.

#### CONSTRUCTION

The M16 LED module is constructed from 316L stainless steel for corrosion resistance and long-term durability in outdoor environments. Each module features a secure 1/4-turn connection that fastens directly to the handrail using the included installation tool, creating a clean and reliable fit. The internal components are potted with epoxy encapsulant to protect against moisture, dirt, and environmental exposure. With an IP67 ingress protection rating, the module is built for a long service life in wet location and exterior applications.

#### INSTALLATION

Designed for fast retrofits, M16 Dot Modules install into existing round handrails in minutes using the optional drilling kit and simple wire splice connections. The system works with round stainless steel or aluminum handrails with diameters from 1.57" to 3.54" and is designed for wall thicknesses from 0.06" to 0.10".



\*Drilling Kit Sold Separately

#### DRIVERS

Power is provided by means of industry leading constant voltage LED drivers rated for universal power input from 120V to 277V at a frequency of 50-60Hz. Elite drivers produce less than 20% THD, and have a power factor of .90 to 1.00.

#### LISTINGS

UL Listed for Wet Location

cULus Listed for Wet Location

FCC 15 - EMI/RFI emission per FCC 47CFR part 15 at 120VAC or 277VAC

RoHS - Contains no mercury or lead and RoHS compliant

Photometric testing completed in accordance with IES LM-79 and TM-30 standards with calculated Life Time: L70 at 200,000 Hours

Qualifies for California Title 24 high-efficacy LED compliance

#### WARRANTY

Five-year warranty for parts and components (labor not included).

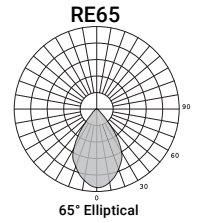
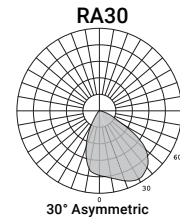
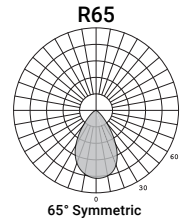
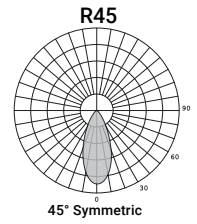
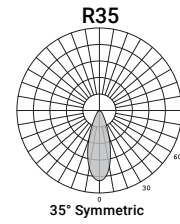
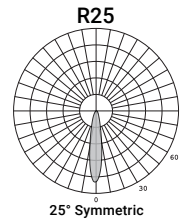
MOD-M16-LED						
SERIES	OPTICS	POWER	CCT (90 CRI)	DIMMING	DRILLING KIT	DRIVER
M16-M16 Dot Round Profile	R25 - Symmetric 25° R35 - Symmetric 35° R45 - Symmetric 45° R65 - Symmetric 65° RE65 - Elliptical 65° RA30 - Asymmetric 30°	1.5 - 1.5 Watt 1 - 1 Watt	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K 60K - 6000K A590 - Amber 590nm	DIM10-0-10V Dimming FO-Fixed Output	DK-Hole Saw + Accessories	30W-30 Watt 60W-60 Watt 96W-96 Watt

**Photometric Data**

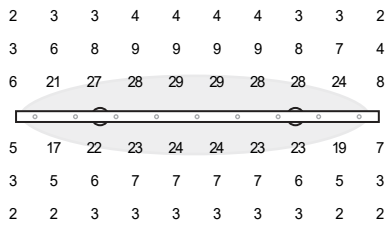


4000K | 90 CRI | 24V

LED Module	Beam Angle	Lumens @1.5W	Lumens @1W
R25	25°	101	73
R35	35°	119	82
R45	45°	122	87
R65	65°	121	86
RE65	65°	116	84
RA30	30°	115	82

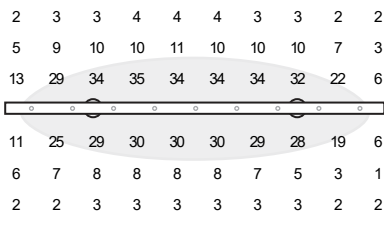


**MOD-M16-LED-R25**



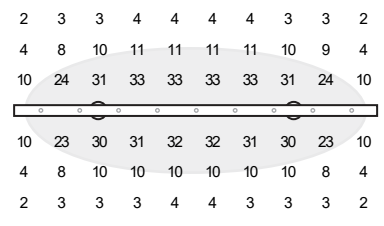
Rail Height: 36"  
Module Spacing 1.0 ft.

**MOD-M16-LED-R35**



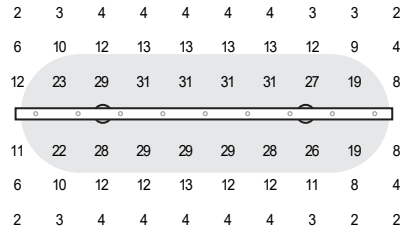
Rail Height: 36"  
Module Spacing 1.0 ft.

**MOD-M16-LED-R45**



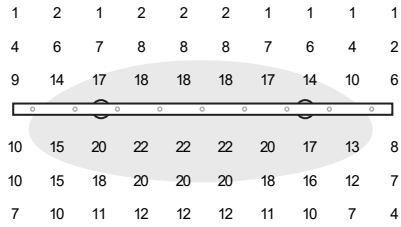
Rail Height: 36"  
Module Spacing 1.0 ft.

**MOD-M16-LED-R65**



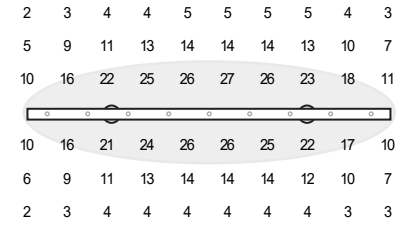
Rail Height: 36"  
Module Spacing 1.0 ft.

**MOD-M16-LED-RA30**



Rail Height: 36"  
Module Spacing 1.0 ft.

**MOD-M16-LED-RE65**



Rail Height: 36"  
Module Spacing 1.0 ft.

**LED Module Installation & Removal:**

