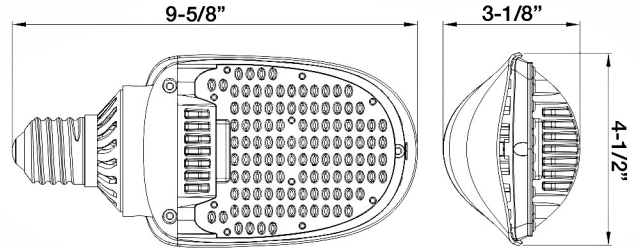




Area Light Retrofit Lamp 50W



Features:

High efficiency

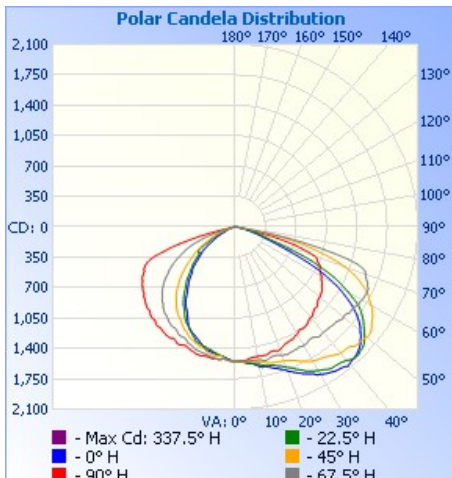
120-277 Volt input

Retrofit for HID Flood, Shoe Box and Area Lights

LED Array Polycarbonate Lens with directed optics

Part#	Housing Color	Wattage	Lumens	CCT	Voltage	MH Equivalent	Light Pattern	Lumens/Watt	DLC #
70614	Black	50	5672	5000	120-277	150/175W	Type III	111	PL44D5EY68K0

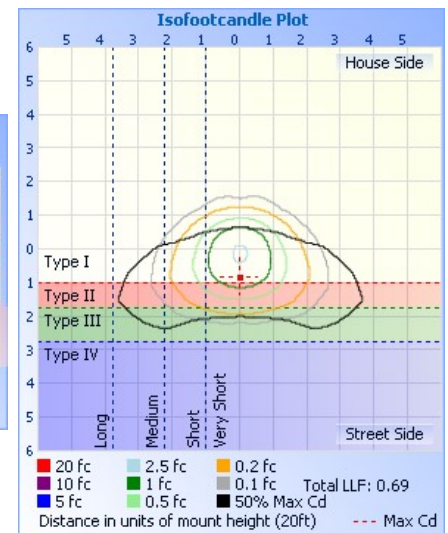
PHOTOMETRY



Illuminance at a Distance

	Center Beam fc	Beam Width
17.0ft	5.35 fc	38.5 ft 86.9 ft
34.0ft	1.34 fc	77.0 ft 173.7 ft
51.0ft	0.59 fc	115.6 ft 260.6 ft
68.0ft	0.33 fc	154.1 ft 347.4 ft
85.0ft	0.21 fc	192.6 ft 434.3 ft
102.0ft	0.15 fc	231.1 ft 521.2 ft

Vert. Spread: 97.1°
Horiz. Spread: 137.2°





Area Light Retrofit Lamp 50W

Technical Specifications:

Electrical:

Input Voltage: 120 thru 277

Current: 0.46A@120; 0.21@277

Frequency: 60Hz

Power Factor: ≥ 0.9

THD: 3%@ 120V; 18.8%@ 277V

Product Parameters:

50 Watts

Efficacy: 111 lumens per watt

50,000+ LED Life Span

CCT: 5000k (Cool White)

Chromaticity Measurements:

Beam Angle: Type III 90° x 150°

BUG Rating: B2-U1-G1

CRI: >72

R9: 0

DUV: -0.0002

Chromaticity (x,y): $x=0.3846$; $y=0.3790$

Chromaticity (u,v): $u=0.2270$; $v=0.5032$

Component Specifications:

LED: Luxeon 3030 2D

Driver: 100-277V 50-60HZ

Driver Output Volts: 40.3

Driver Output Amps: 1.08

Dimming:

N/A

Operating Temperature:

Minimum Starting -4°F - 113°F

Construction:

Magnesium Aluminum Alloy

Powder Coated

IP Rating: IP64 suitable

Lens Material: High Light Transmittance Polycarbonate

UV Resistant

Fire Resistant

Mounting: Retrofit E39 Base for Outdoor Pole/Arm mounted Area and Roadway Luminaires

For Metal Halide Application: Must Disconnect Ballast

Can be used in enclosure

Listings: UL Listed: E474299

DLC #: PL44D5EY68K0

Carton Qty: 1

Weight: 3.5lb

Warranty:

Morris Products carries a 5 year warranty from date of purchase against defects in materials and workmanship (assuming normal and proper usage).