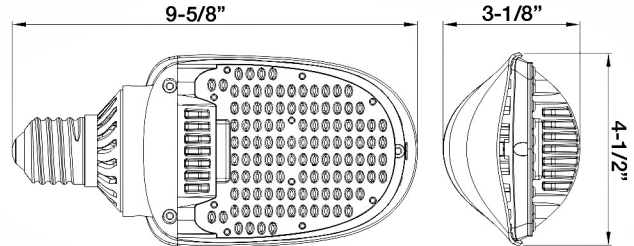




# Area Light Retrofit Lamp 50W



## Features:

High efficiency

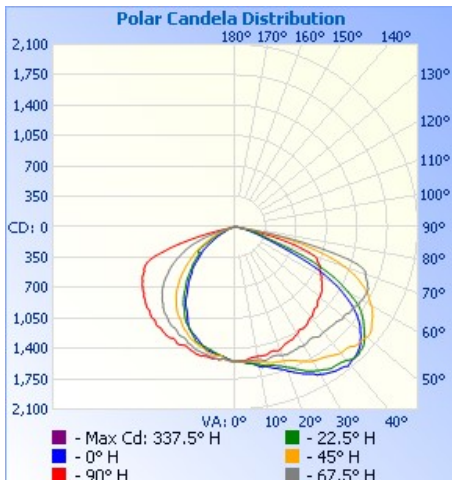
120-277 Volt input

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

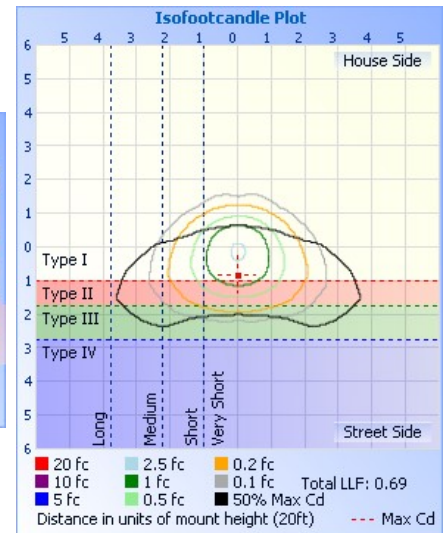
## PHOTOMETRY



**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:  $\geq 0.9$   
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).