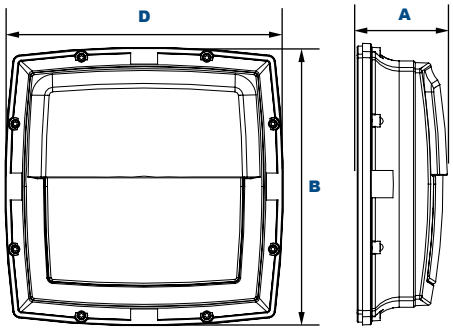
WS25C

L70 25°C — 187,000 Hours

EasyLED Excel Square Bulkhead Half Cutoff



Dimensions	
Width (D)	12½″ (318mm)
Length (B)	12½″ (318mm)
Height (A)	4¼″ (108mm)

EasyLED Technology

The Jemm Excel Square Bulkhead is designed to replace HID lighting systems up to 100w MH or HPS. The half-cutoff frame helps protect the polycarbonate lens and adds a decorative appearance. Typical applications include office and public buildings, condominiums, schools, shopping malls, and hospitality. Recommended mounting heights are 8 to 20 feet.

Specifications and Features:

Housing:
Die Cast Gasketed Aluminum Half Cutoff Front Frame and Housing with Integral Heat Sinking and Driver Compartment. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable.

Listing & Ratings:
CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

Finish:
Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:
SoftLED LumaLens Polycarbonate Opal Vandal-Resistant Lens Eliminates LED Hot Spots

Mounting Options:
Surface Mount

EasyLED LED:
Aluminum Boards

Wattage:
Array: 17w, System: 19.7w; (100w HID Equivalent)

Driver:
Electronic Driver, 120-277V, 50/60Hz or 347V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls:
Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEPG Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty:
5-Year Warranty for -40°C to +50°C Environment.

See Page 2 for Projected Lumen Maintenance Table.

Order Information Example: WS25CF17U5KLZSF

WS25C	F				L		
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Lens**	**Color**	**Options**
WS25C= EasyLED Excel Square Bulkhead Half Cutoff	**F**=Type IV	**1X17**=17w	**U**=120-277V **C**=347V	**4K**=4000K **5K**=5000K	**L**=SoftLED LumaLens Opal Polycarbonate Array Lens	**Z**=Bronze **W**=White **C**=Custom (Consult Factory)	**SF**=Single Fuse (120-277V Only) **DF**=Double Fuse (120-277V Only) **SP**=Surge Protector **PC3**=Photocell, 120-277VAC **P10**=Pencil Photocell, 120VAC **P12**=Pencil Photocell, 277VAC **P14**=Pencil Photocell, 120-277VAC **S2**=Microwave Sensor with Dimming for Mounting Heights of 8 to 40´ (120-277V Only) **BU**=Battery Backup, 90 Minutes

Project Information:

Project Name: | Fixture Type:

Complete Catalog #: | Date:

Comments:

Certification & Listings:

IP66 SoftLED

WS25C

L70 25°C — 187,000 Hours

EasyLED Excel Square Bulkhead Half Cutoff

Accessories & Replacement Parts:

P18103

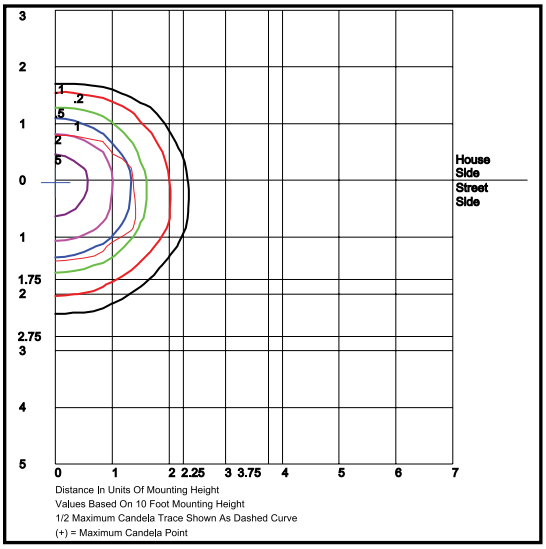
P18110 & P18112

P18114

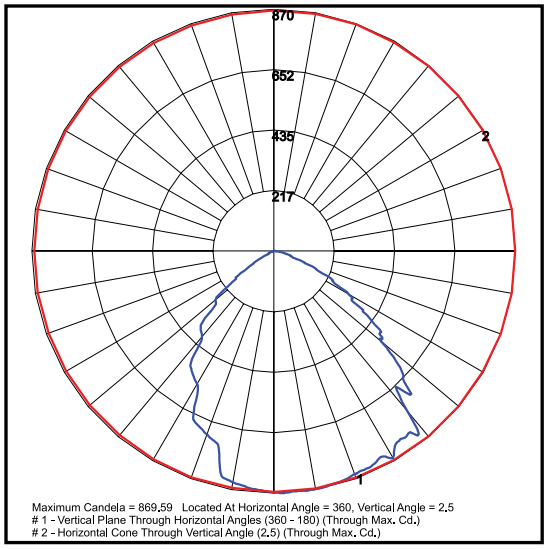
P17117

Replacement Parts (Order Separately, Field Installed)	
P18103	120-277VAC Photocell
P18110	110-130V 120VAC Pencil Photocell
P18112	208-277V 240VAC Pencil Photocell
P18114	120-277V, 50/60Hz Pencil Photocell
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz.
For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet.	

Photometric Data



WS25CF17U5K
Type IV
Grid in MH
MH=10 Feet



WS25CF17U5K
Type IV

Photometric Performance

				5000 CCT 80 CRI					4000 CCT 80 CRI				
LED Board Watts	Drive Current (mA)	Input Watts	Optics	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EasyLED 17w	525	20	Type IV	2,073	104	0	4	2	1,990	100	0	4	2

Projected Lumen Maintenance

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	20	1.00	0.96	0.92	0.84	187,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	20	1.00	0.96	0.91	0.82	113,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	20	1.00	0.94	0.89	0.77	88,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.