



AL55Q

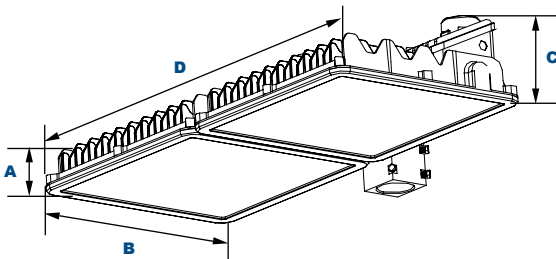
L70
25°C

419,000 Hours

EasyLED Bentley PowerBolt Area Light



Shown with Pole Mounted Slipfitter.



Dimensions

Width (B)	33" (838mm)
Length (D)	16½" (419mm)
Height (A)	3" (76mm)
Height (C)	7" (178mm)

Order Information Example:

AL55QF2X262U5KCZSFSP

AL55Q	2X262					SF		
Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options
AL55Q =EasyLED Bentley PowerBolt Area Light	A =Type I B =Type II C =Type III D =Type IV F =Type V	2X262 =524w	U =120-277V H =347/480V	4K =4000K 5K =5000K	C =Clear Flat Glass Lens P =Clear Flat Prismatic Glass Lens*	Z =Bronze C =Custom (Consult Factory)	SF =Slipfitter, Included	SF =Single Fuse DF =Double Fuse SP =Surge Protection R7 =7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle with P18132 shorting cap

AL55Q Bentley PowerBolt luminaire is available with a wide choice of optical distributions designed to replace HID lighting systems of 1000w to 1500w MH or HPS. Typical area lighting applications include auto dealerships, retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 20 to 50 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Heavy-Duty Die Cast Aluminum Housing & Front Frame, Integral Heat Sinking, Driver Compartment. Photocell Adaptable. Includes Receptacle and Shorting Cap.

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:

Tempered Clear Flat Glass Lens or Tempered Clear Flat Prismatic Glass Lens.

Mounting Options:

Mount with Adjustable Slipfitter. (Factory Installed)

EasyLED LED:

Aluminum Boards

Wattage:

Array: 524w, System Input: 568w
 (1000-1500w HID Equivalent)

Driver:

Electronic Driver, 120-277V, 50/60Hz or 347/480V, 50/60Hz; Dimmable Driver

Warranty:

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

LM-79 Report Available on Select Models.

See Page 3 for Projected Lumen Maintenance Table.

Project Information:

Project Name: _____ Fixture Type: _____
 Complete Catalog #: _____ Date: _____
 Comments: _____

Certification & Listings:





Mounting Options:





AL55Q with External Slipfitter (SF)

External Mount Die-Cast Adjustable Slipfitter for 2 3/4" Tenons, Bronze Powdercoat Finish, Includes Hardware.

EPA (Effective Projected Area)

Note: Values for horizontal mounting.

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	.96	62 Lbs

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 2@180° Mount	1.92	124 Lbs

Accessories & Replacement Parts:

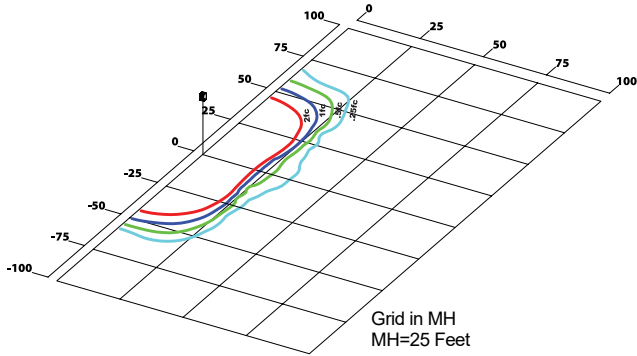


AL35GSZ

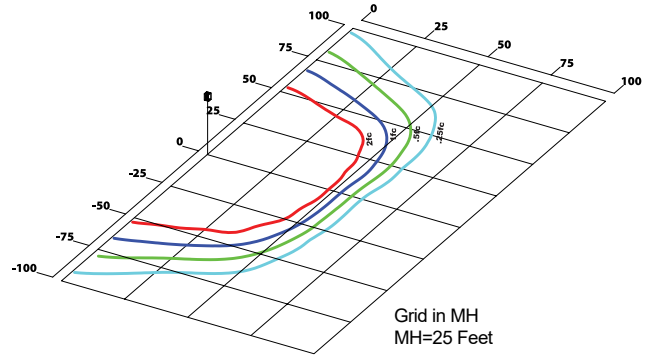
Accessories (Order separately, Field installed)		Replacement Parts (Order separately, Field installed)	
P18140	110-120VAC Instant Twist Lock Photocell	AL35GL	Tempered Clear Flat Glass Lens.
P18142	105-287VAC Instant Twist Lock Photocell	AL35GLP	Tempered Prismatic Flat Glass Lens.
P18150	120VAC Time Delay Twist Lock Photocell	FL90SFXZ	External Mount Die-Cast Adjustable Slipfitter for 2 3/4" Tenons, Bronze Powdercoat Finish, Includes Hardware.
P18152	277VAC Time Delay Twist Lock Photocell		
P18131	Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.		
P18132	Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.		
AL35GSZ	Aluminum House Side Shield, Bronze Powdercoat Finish, Includes Hardware. AL55 Requires Two.		



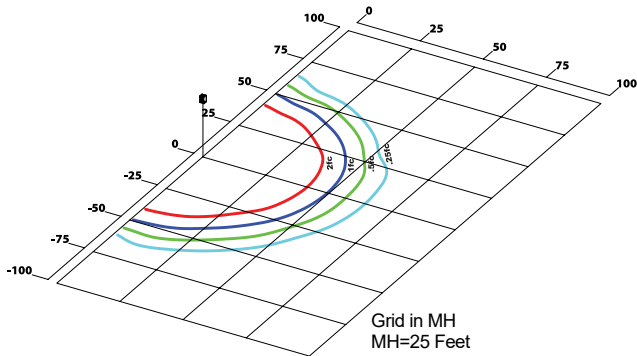
Photometric Data



AL55QA2X262U5KC
Type I



AL55QC2X262U5KC
Type III



AL55QF2X262U5KC
Type V

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI			4000 CCT 80 CRI		
				Lumens	LPW	B U G	Lumens	LPW	B U G
EasyLED 2x262w	525	568	Type I	61,088	108	5 3 4	55,896	98	5 3 4
			Type III	58,998	104	5 3 4	53,984	95	4 3 4
			Type V	52,528	93	5 3 2	48,063	85	5 3 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	568	1.00	0.98	0.96	0.93	419,000	
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	568	1.00	0.97	0.94	0.88	251,000	
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	568	1.00	0.97	0.95	0.90	191,000	

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.