



# HLF1

## High Lumen LED Flood Luminaire



Catalog  
Number

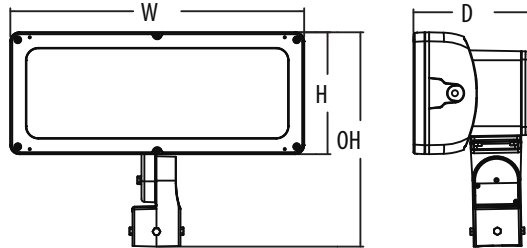
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

### Specifications

<b>EPA:</b>	3.6 ft <sup>2</sup> (0.34 m <sup>2</sup> )
<b>Depth:</b>	10" (25.4 cm)
<b>Width:</b>	25" (63.5 cm)
<b>Height:</b>	10" (25.4 cm)
<b>Overall Height:</b>	19" (48.3 cm)
<b>Weight:</b>	61 lbs (27.6 kg)



### A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a **shaded background**. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability<sup>1</sup>
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a **shaded background**<sup>1</sup>

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)



A+ Capable options indicated by this color background.

### Ordering Information

**EXAMPLE:** HLF1 LED P1 40K WFL MVOLT IS DDBXD

HLF1 LED									
Series	Performance package	Color temperature		Distribution	Voltage	Mounting		Options	Finish (required)
HLF1 LED	P1	30K	3000 K	VNSP	Very narrow spot (7°) <sup>1</sup>	MVOLT <sup>2</sup>	<b>Shipped included</b>	<b>Shipped installed</b>	DDBXD
	P2	40K	4000 K	MFL	Medium flood (6x6)	120 <sup>3</sup>	IS	Integral slipfitter (fits 2-7/8" O.D. tenon)	DBLXD
	P3	50K	5000 K	WFL	Wide flood (6x7)	208 <sup>3</sup>	YKC62	Yoke with 16-3 SO cord	DNAXD
						240 <sup>3</sup>			DWHXD
						277 <sup>3</sup>			
						347 <sup>3</sup>			
						480 <sup>3</sup>			
							<b>Shipped separately</b>		
							UBV	Upper/bottom visor (universal)	
							FV	Full visor	
							WG	Wire guard	
							VG	Vandal guard (polycarbonate)	



## Ordering Information

### Accessories

Ordered and shipped separately.

FTS CG6 DDBXD U	Slipfitter for 2-3/8" to 2-7/8" OD tenons; mates with yoke mount (specify finish)
DSHORT SBK U	Shorting cap <sup>6</sup>
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) <sup>6</sup>
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) <sup>6</sup>
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) <sup>6</sup>

For more mounting options, visit our [Floodlighting Accessories](#) pages.

For more control options, visit [DTL](#) and [ROAM](#) online.

### NOTES

1. VNSP includes an external reflector that ships separately. For installation instructions, refer to the instruction sheet provided with the reflector. VNSP is limited to aiming from 0-90° only. VNSP is not available for use with options CFB, UVB, FV, WG or VG.
2. MVOLT driver operates on any line voltage from 120-277V.
3. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
4. Specifies a ROAM® enabled luminaire with 0-10V dimming capability. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: [sales@roamservices.net](mailto:sales@roamservices.net).
5. For units with a photocontrol receptacle, the mounting must be restricted to ± 45° from horizontal aim per ANSI C136.10-2010.
6. Requires luminaire to be specified with PER, PER5 or PER7 option. Ordered and shipped as a separate line item.

## Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	Field Angle		Beam Angle		30K (3000 K, 70 CRI)			40K (4000 K, 70 CRI)			50K (5000 K, 70 CRI)		
			°H	°V	°H	°V	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW
P1	166W	VNSP	30	30	11	10	217,885	15,596	94	225,623	16,150	97	228,686	16,370	99
		MFL	109	114	84	103	9,070	18,706	113	9,410	19,370	117	7,296	19,633	118
		WFL	124	133	107	113	6,936	18,544	112	7,196	19,203	116	8,533	19,464	117
P2	246W	VNSP	30	30	11	10	302,828	21,677	88	313,583	22,446	91	317,840	22,751	92
		MFL	101	114	84	103	12,834	26,416	107	13,278	27,354	111	10,294	27,725	113
		WFL	124	133	107	113	9,815	26,187	106	10,154	27,117	110	12,040	27,486	112
P3	295W	VNSP	28	28	10	9	400,242	25,129	85	425,929	26,741	91	427,942	26,868	91
		MFL	101	114	84	103	12,468	30,670	104	13,278	32,638	111	10,194	32,792	111
		WFL	127	130	112	112	9,535	30,366	103	12,422	32,315	110	11,923	32,467	110

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.05
10°C	50°F	1.03
20°C	68°F	1.01
25°C	77°F	1
30°C	86°F	0.98
40°C	104°F	0.95

### Projected LED Lumen Maintenance

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	HLF1 LED P1			
	1	0.98	0.96	0.93
	HLF1 LED P2			
	1	0.98	0.96	0.93
	HLF1 LED P3			
	1	0.93	0.9	0.83

### Electrical Load

Power Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	166W	1.4	0.8	0.7	0.7	0.5	0.4
P2	246W	2.1	1.2	1.0	0.9	0.7	0.6
P3	295W	2.5	1.4	1.2	1.1	0.9	0.7

### PER Table

Control	PER (3 wire)	PER5 (5 wire)		PER7 (7 wire)		
			Wire 4/Wire5		Wire 4/Wire5	Wire 6/Wire7
Photocontrol Only (On/Off)	✓	⚠	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM	✗	✓	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture
ROAM with Motion (ROAM on/off only)	✗	⚠	Wires Capped inside fixture	⚠	Wires Capped inside fixture	Wires Capped inside fixture
Future-proof*	✗	⚠	Wired to dimming leads on driver	✓	Wired to dimming leads on driver	Wires Capped inside fixture
Future-proof* with Motion	✗	⚠	Wires Capped inside fixture	✓	Wires Capped inside fixture	Wires Capped inside fixture

✓ Recommended
✗ Will not work
▲ Alternate

\*Future-proof means: Ability to change controls in the future.



## Mounting, Options and Accessories



**IS - Integral slipfitter**  
(fits 2-7/8" O.D. tenon)



**YKC62**  
Yoke with 16-3 50 cord



**UBV**  
Upper/Bottom visor (universal)



**FV**  
Full visor



**VG**  
Vandal guard



**WG**  
Wire guard



**CFB**  
Black faceplate

## Optics

Depending on the distribution chosen, luminaires are built using internal and external reflectors.



**Internal reflectors**  
MFL, WFL

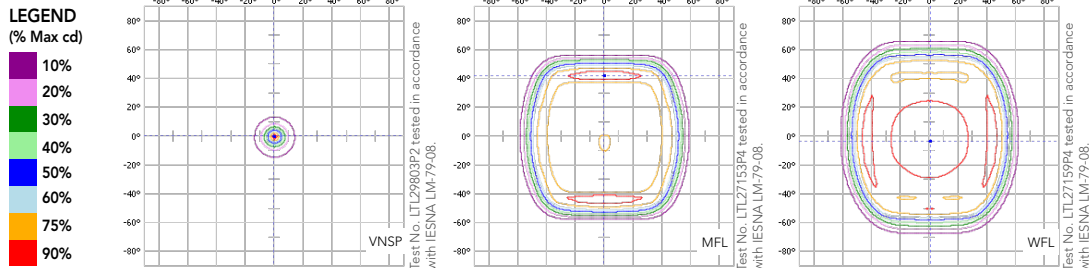


**Internal and external reflectors**  
VNSP

## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [HLF Size 1 homepage](#).

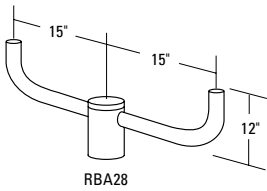
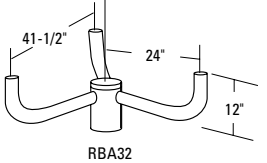
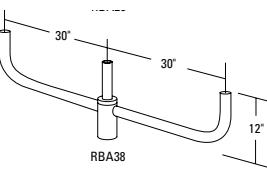
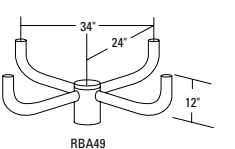
Isofootcandle plots for the HLF1 LED P3 40K. Distances are in units of mount height (20ft).



## Mounting Bracket Summary

The following is a list of approved mounting brackets for use with the HLF1. These are rated for use in up to 90mph wind zones. Mounting brackets are ordered separate from the luminaires.

### \*Aluminum Bullhorns

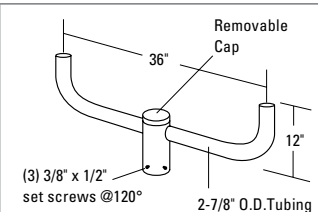
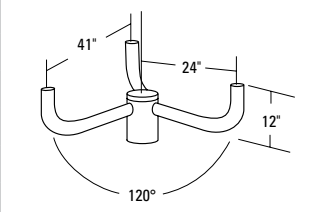
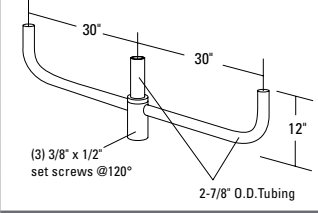
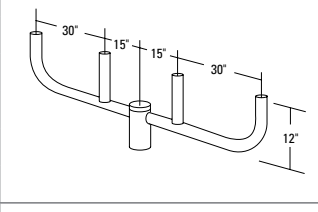
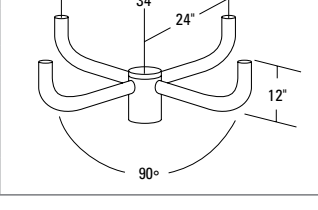
	Catalog Number	Weight (lbs.)	Max Luminaire Weight/Arm (lbs.)	Bracket EPA ft <sup>2</sup> (m <sup>2</sup> )	Bracket Configuration	Weight of Luminaires (lbs.)	Luminaire Tilt	Luminaire EPA ft <sup>2</sup> (m <sup>2</sup> )	Total EPA ft <sup>2</sup> (m <sup>2</sup> )
 <p>RBA28</p>	*RBA28	8.4	100	1.3 (0.12)	2 @ 180°	2 x 61 = 122	0°	2.4 (0.22)	6.1 (0.57)
							15°	2.5 (0.23)	6.3 (0.59)
							30°	2.8 (0.26)	6.9 (0.64)
							45°	3.5 (0.33)	8.3 (0.77)
							60°	3.6 (0.34)	8.5 (0.79)
							90°	3.6 (0.34)	8.5 (0.79)
 <p>RBA32</p>	*RBA32	14.3	100	1.7 (0.15)	3 @ 120°	3 x 61 = 183	0°	2.4 (0.22)	8.9 (0.83)
							15°	2.5 (0.23)	9.2 (0.85)
							30°	2.8 (0.26)	10.1 (0.94)
							45°	3.5 (0.33)	12.2 (1.13)
							60°	3.6 (0.34)	12.5 (1.16)
							90°	3.6 (0.34)	12.5 (1.16)
 <p>RBA38</p>	*RBA38	12.5	100	2.0 (0.18)	3 @ 180°	3 x 61 = 183	0°	2.4 (0.22)	9.2 (0.85)
							15°	2.5 (0.23)	9.5 (0.88)
							30°	2.8 (0.26)	10.4 (0.97)
							45°	3.5 (0.33)	12.5 (1.16)
							60°	3.6 (0.34)	12.8 (1.19)
							90°	3.6 (0.34)	12.8 (1.19)
 <p>RBA49</p>	*RBA49	17.5	100	2.2 (0.20)	4 @ 180°	4 x 61 = 244	0°	2.4 (0.22)	11.8 (1.10)
							15°	2.5 (0.23)	12.2 (1.13)
							30°	2.8 (0.26)	13.4 (1.24)
							45°	3.5 (0.33)	16.2 (1.51)
							60°	3.6 (0.34)	16.6 (1.54)
							90°	3.6 (0.34)	16.6 (1.54)

\* This can only be used with 4.0" OD tenon/pole tops

## Mounting Bracket Summary

The following is a list of approved mounting brackets for use with the HLF1. These are rated for use in up to 90mph wind zones. Mounting brackets are ordered separate from the luminaires.

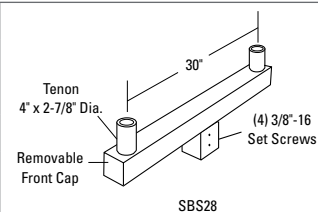
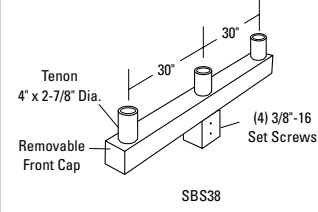
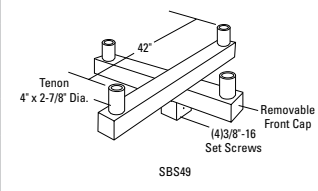
### Steel Bullhorns

	Catalog Number	Weight (lbs.)	Max Luminaire Weight/Arm (lbs.)	Bracket EPA ft <sup>2</sup> (m <sup>2</sup> )	Bracket Configuration	Weight of Luminaires (lbs.)	Luminaire Tilt	Luminaire EPA ft <sup>2</sup> (m <sup>2</sup> )	Total EPA ft <sup>2</sup> (m <sup>2</sup> )
	B528	21	150	1.0 (0.09)	2 @ 180°	2 x 61 = 122	0°	2.4 (0.22)	5.8 (0.54)
							15°	2.5 (0.23)	6.0 (0.56)
							30°	2.8 (0.26)	6.6 (0.61)
							45°	3.5 (0.33)	8.0 (0.74)
							60°	3.6 (0.34)	8.2 (0.76)
							90°	3.6 (0.34)	8.2 (0.76)
	B532	34	150	1.3 (0.12)	3 @ 120°	3 x 61 = 183	0°	2.4 (0.22)	8.5 (0.79)
							15°	2.5 (0.23)	8.8 (0.82)
							30°	2.8 (0.26)	9.7 (0.90)
							45°	3.5 (0.33)	11.8 (1.10)
							60°	3.6 (0.34)	12.1 (1.12)
							90°	3.6 (0.34)	12.1 (1.12)
	B538	32	150	1.6 (0.14)	3 @ 180°	3 x 61 = 183	0°	2.4 (0.22)	8.8 (0.82)
							15°	2.5 (0.23)	9.1 (0.85)
							30°	2.8 (0.26)	10.0 (0.93)
							45°	3.5 (0.33)	12.1 (1.12)
							60°	3.6 (0.34)	12.4 (1.15)
							90°	3.6 (0.34)	12.4 (1.15)
	B548	44	125	2.3 (0.21)	4 @ 180°	4 x 61 = 244	0°	2.4 (0.22)	11.9 (1.11)
							15°	2.5 (0.23)	12.3 (1.14)
							30°	2.8 (0.26)	13.5 (1.25)
							45°	3.5 (0.33)	16.3 (1.51)
							60°	3.6 (0.34)	16.7 (1.55)
							90°	3.6 (0.34)	16.7 (1.55)
	B549	44	150	1.6 (0.14)	4 @ 90°	4 x 61 = 244	0°	2.4 (0.22)	11.2 (1.04)
							15°	2.5 (0.23)	11.6 (1.08)
							30°	2.8 (0.26)	12.8 (1.19)
							45°	3.5 (0.33)	15.6 (1.45)
							60°	3.6 (0.34)	16.0 (1.49)
							90°	3.6 (0.34)	16.0 (1.49)

## Mounting Bracket Summary

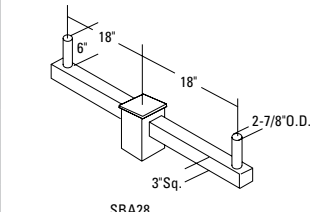
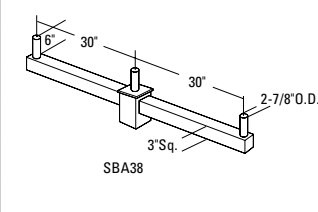
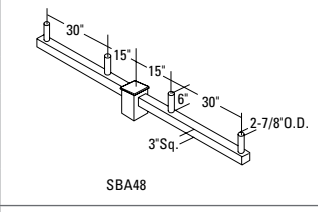
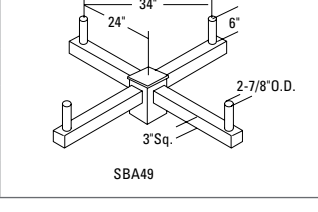
The following is a list of approved mounting brackets for use with the HLF1. These are rated for use in up to 90mph wind zones. Mounting brackets are ordered separate from the luminaires.

### \*Steel Cross Arms (Square Poles only)

Catalog Number	Weight (lbs.)	Max Luminaire Weight/Arm (lbs.)	Bracket EPA ft <sup>2</sup> (m <sup>2</sup> )	Bracket Configuration	Weight of Luminaires (lbs.)	Luminaire Tilt	Luminaire EPA ft <sup>2</sup> (m <sup>2</sup> )	Total EPA ft <sup>2</sup> (m <sup>2</sup> )
 SBS28	30	250	1.1 (0.10)	2 @ 180°	2 x 61 = 122	0°	2.4 (0.22)	5.9 (0.55)
						15°	2.5 (0.23)	6.1 (0.57)
						30°	2.8 (0.26)	6.7 (0.62)
						45°	3.5 (0.33)	8.1 (0.75)
						60°	3.6 (0.34)	8.3 (0.77)
						90°	3.6 (0.34)	8.3 (0.77)
 SBS38	42	150	1.7 (0.15)	3 @ 180°	3 x 61 = 183	0°	2.4 (0.22)	8.9 (0.83)
						15°	2.5 (0.23)	9.2 (0.85)
						30°	2.8 (0.26)	10.1 (0.94)
						45°	3.5 (0.33)	12.2 (1.13)
						60°	3.6 (0.34)	12.5 (1.16)
						90°	3.6 (0.34)	12.5 (1.16)
 SBS49	45	150	2.1 (0.20)	4 @ 90°	4 x 61 = 244	0°	2.4 (0.22)	11.7 (1.09)
						15°	2.5 (0.23)	12.1 (1.12)
						30°	2.8 (0.26)	13.3 (1.24)
						45°	3.5 (0.33)	16.1 (1.50)
						60°	3.6 (0.34)	16.5 (1.53)
						90°	3.6 (0.34)	16.5 (1.53)

\*Requires T20 (2-7/8" max OD) tenon on pole for mounting

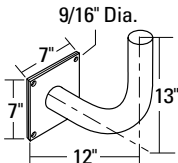
### Aluminum Cross Arms (Square Poles only)

Catalog Number	Weight (lbs.)	Max Luminaire Weight/Arm (lbs.)	Bracket EPA ft <sup>2</sup> (m <sup>2</sup> )	Bracket Configuration	Weight of Luminaires (lbs.)	Luminaire Tilt	Luminaire EPA ft <sup>2</sup> (m <sup>2</sup> )	Total EPA ft <sup>2</sup> (m <sup>2</sup> )
 SBA28-4	12	100	0.9 (0.08)	2 @ 180°	2 x 61 = 122	0°	2.4 (0.22)	5.7 (0.53)
						15°	2.5 (0.23)	5.9 (0.55)
						30°	2.8 (0.26)	6.5 (0.60)
						45°	3.5 (0.33)	7.9 (0.73)
						60°	3.6 (0.34)	8.1 (0.75)
						90°	3.6 (0.34)	8.1 (0.75)
 SBA38-4	17	100	1.5 (0.13)	3 @ 180°	3 x 61 = 183	0°	2.4 (0.22)	8.7 (0.81)
						15°	2.5 (0.23)	9.0 (0.84)
						30°	2.8 (0.26)	9.9 (0.92)
						45°	3.5 (0.33)	12.0 (1.11)
						60°	3.6 (0.34)	12.3 (1.14)
						90°	3.6 (0.34)	12.3 (1.14)
 SBA48-4	22	75	2.3 (0.21)	4 @ 180°	4 x 61 = 244	0°	2.4 (0.22)	11.9 (1.11)
						15°	2.5 (0.23)	12.3 (1.14)
						30°	2.8 (0.26)	13.5 (1.25)
						45°	3.5 (0.33)	16.3 (1.51)
						60°	3.6 (0.34)	16.7 (1.55)
						90°	3.6 (0.34)	16.7 (1.55)
 SBA49-4	22	100	1.7 (0.15)	4 @ 90°	4 x 61 = 244	0°	2.4 (0.22)	11.3 (1.05)
						15°	2.5 (0.23)	11.7 (1.09)
						30°	2.8 (0.26)	12.9 (1.20)
						45°	3.5 (0.33)	15.7 (1.46)
						60°	3.6 (0.34)	16.1 (1.50)
						90°	3.6 (0.34)	16.1 (1.50)

## Mounting Bracket Summary

The following is a list of approved mounting brackets for use with the HLF1. These are rated for use in up to 90mph wind zones. Mounting brackets are ordered separate from the luminaires.

### Wall Mount Brackets

	Catalog Number	Weight (lbs.)	Max Luminaire Weight/Arm (lbs.)	Bracket EPA ft <sup>2</sup> (m <sup>2</sup> )	Bracket Configuration	Weight of Luminaires (lbs.)	Luminaire Tilt	Luminaire EPA ft <sup>2</sup> (m <sup>2</sup> )	Total EPA ft <sup>2</sup> (m <sup>2</sup> )
	FRWB	12	80	N/A	1	1 x 61 = 61	0°	2.4 (0.22)	N/A
							15°	2.5 (0.23)	
							30°	2.8 (0.26)	
							45°	3.5 (0.33)	
							60°	3.6 (0.34)	
							90°	3.6 (0.34)	

## FEATURES & SPECIFICATIONS

### INTENDED USE

The contemporary design of the High Lumen LED Flood reflects its embedded high performance LED technology and its versatility. It is ideal for large signage, retail, sports fields, truck yards, and many commercial applications.

### CONSTRUCTION

The High Lumen LED Flood's die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environment contaminants (IP66). Low EPA 3.6 ft<sup>2</sup> (0.34 m<sup>2</sup>) for optimized wind loading.

### FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling.

### OPTICS

Specular reflectors are engineered for superior field-to-beam ratios, uniformity, and spacing. Light engines are available in 3000 K (70 CRI min.), 4000 K (70 CRI min.) and 5000 K (70 CRI min.) configurations. Optional visors minimize uplight and reduce light trespass.

### ELECTRICAL

Light engines consist of chip-on-board (COB) LEDs directly coupled to the housing to maximize heat dissipation and promote long life (100,000 hrs at 25°C, L83). Class 1 electronic driver has a power factor >90%, THD <20%, and has an expected life of 100,000 hours with <1% failure rate. 10kV surge protection meets a minimum Category C low operation per ANSI/IEEE C62.41.2.

### INSTALLATION

Integral adjustable slipfitter or yoke mounting assemblies facilitate quick and easy installation with a variety of mounting accessories. This secure connection enables the High Lumen LED Flood to withstand up to a 1.5 G vibration load rating per ANSI/IEEE C136.31.

### LISTINGS

CSA certified to U.S. and Canadian standards. IP 66 rated for outdoor applications. Rated for -40°C minimum ambient conditions. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

### WARRANTY

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.





# VRC LED

## LED Canopy/Ceiling Luminaire

Catalog  
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

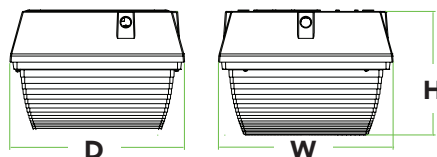
### Specifications

**Width:** 12-3/8"  
(31.5 cm)

**Height:** 8-3/4"  
(22.3 cm)

**Depth:** 12-3/8"  
(31.5 cm)

**Weight:** 7.5 lbs  
(3.4kg)



### Introduction

The popular VRC luminaire is now available with long-lasting, energy-efficient LED technology. Featuring a classic dayform, the VRC LED offers a traditional appearance and is powered by advanced LEDs.

The VRC LED luminaire is powerful yet energy efficient, capable of replacing up to a 250W metal halide luminaire while saving up to 86% in energy costs. Offering an expected service life of more than 20 years, the VRC LED eliminates frequent lamp and ballast replacements associated with traditional technologies.

### Ordering Information

**EXAMPLE:** VRC LED 1 50K MVOLT

VRC LED				
Series	Performance Package	Color Temperature	Voltage	Finish
VRC LED	1 3389 lumens	50K 5000K <sup>1</sup>	MVOLT <sup>2</sup>	(blank) Dark bronze

#### NOTES

- 1 Correlated color temperature (CCT) shown is nominal per ANSI C78, 377-2008.
- 2 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).

### FEATURES & SPECIFICATIONS

#### INTENDED USE

41 watt LED ceiling light delivers 3,389 lumens for an energy-efficient replacement of 250W MH canopy/ceiling lights. Traditional style does not detract from current building aesthetics. The VRC LED provides years of maintenance-free general illumination for outdoor applications. Ideal for entrances, parking areas, covered walkways and loading docks.

#### CONSTRUCTION

Rugged cast-aluminum, corrosion-resistant housing with bronze polyester powder paint for lasting durability. Castings are sealed with a one-piece gasket to inhibit the entrance of external contaminants. Rated for outdoor installations, -40°C minimum ambient.

#### ELECTRICAL

Two high-powered LEDs provide 3,400 lumens. Includes an MVOLT (120-277V) driver.

#### OPTICS

High-performance LEDs maintain 84% of light output at 100,000 hours of service life (L84/100,000 hours). Polycarbonate lens is designed for even light distribution.

#### INSTALLATION

Mounts to a recessed junction box or surface mount with three conduit entry points.

#### LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards.

#### WARRANTY

Five-year limited warranty. Full warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx).

**Note:** Specifications are subject to change without notice. Actual performance may differ as a result of end-user environment and application





## Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application.

Performance Package	Drive Current (mA)	CCT	System Watts	50K (5000K, 67 CRI)				
				Lumens	B	U	G	LPW
1	530	5000K	41W	3,389	1	3	1	82

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.01
20°C	68°F	1.00
<b>25°C</b>	<b>77°F</b>	<b>1.00</b>
30°C	86°F	0.99
40°C	104°F	0.98

### Electrical Load

LED Package	Drive Current (mA)	System Watts	Current (A)			
			120	208	240	277
1	530	41W	0.38	0.22	0.19	0.17

### Projected LED Lumen Maintenance

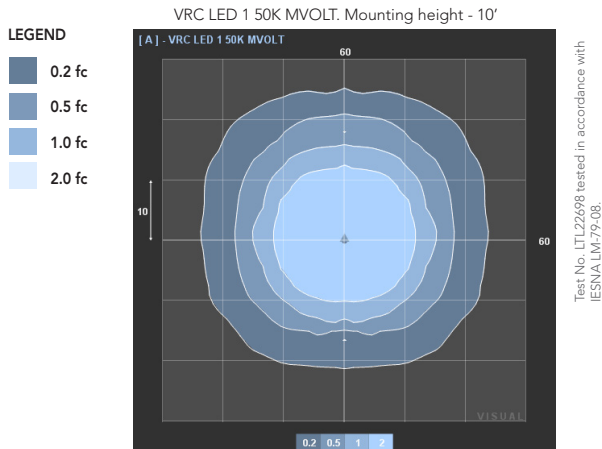
Data references the extrapolated performance projections in a **40°C ambient**, based on 10,000 hours of LED testing (LED lifespan based on IESNA LM-80-08 results and calculated per IESNA TM-21-11 methodology).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	60,000	100,000
Lumen Maintenance Factor	1.0	0.93	0.90	0.88	0.84

## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting VRC LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards



## Lighting Facts Labels

Lithonia Lighting

**Lighting facts®**

A Program of the U.S. DOE

**Light Output (Lumens)** 3389

**Watts** 41

**Lumens per Watt (Efficacy)** 84

**Color Accuracy**

Color Rendering Index (CRI) 65

**Light Color**

Correlated Color Temperature (CCT) 4955 (Daylight)

Warm White 2700K 3000K Bright White 4500K Daylight 6500K

All results are according to IESNA LM-79-08: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: NJSM-177611 (12/4/2012)

Model Number: VRC LED 1 50K MVolt

Type: Canopy light

