



4451 STEPLIGHT LED

Specifications

Length:	10-1/2" 267 mm
Width:	4-9/16" 124 mm
Height:	5-3/8" 136 mm
Weight:	7lbs

HIGHLIGHTS

- Heavy wall cast bronze or aluminum construction with stainless steel fasteners
- Up to 380lumens
- IP66. Completely weatherproof with neoprene gasket and tempered lens
- Optional louver available for 45° cutoff
- Designed for concrete, block, or brick applications

5
YEAR
warranty

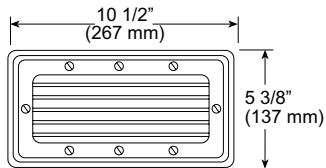
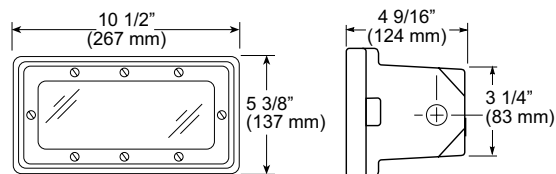


IP66

BAA

BABA

DIMENSIONS



LLV Louver

LUMEN PACKAGES

Delivered Lumens	380
Watts	15
LPW	26
Peak Candela	274

Note: Information based on WHT41K with Plain Lens

ORDERING INFORMATION

EXAMPLE: 4451 A LED WHT41K MVOLT LLV BZ

Model	Material	LED Array	LED Color	Voltage	Accessories	Finish ¹	
4451	A Aluminum	LED	WHT30K White	MVOLT (120-277)	External	BL Black	
	B Bronze		WHT41K White			LLV Louver Door	BZ Bronze
			WHT53K White				DDB Dark Bronze
						DNA Natural Aluminum	
						GN Green	
						GR Gray	
						SND Sand	
						STG Steel Gray	
						TVG Terra Verde Green	
						WH White	
						CF Custom	
						__Z ² Zinc Undercoat (i.e. BLZ)	

ELECTRICAL LOAD

Light Engines	System Watts	Current (A)			
		120	208	240	277
Linear	14.25	0.12	0.07	0.06	0.05

PROJECTED LED LUMEN MAINTENANCE

Data references the extrapolated performance projections for the **Fixture** platform in a **25°C ambient**, based on 13,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

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.

Based on 2700K-5000K LED color

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.00	0.99	0.98	0.96

Notes:

- 1 Finish is natural aluminum or bronze unless finish specified.
- 2 Add Zinc undercoat for harsh environments.

LUMEN AMBIENT TEMPERATURE (LAT) MULTIPLIERS

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

Based on 2700K-5000K LED color

Ambient	Lumen Multiplier
0°C	1.02
10°C	1.01
20°C	1.00
25°C	1.00

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. Contact factory for performance data on any configurations not shown here.

	System Watts	Distribution Type	Distribution	30K (3000K, 85CRI)			41K (4100K, 70CRI)			53K (5300K, 70CRI)			B	U	G
				Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW			
LED	15	Plain Lens	Type IV Very Short	164	228	15	274	380	26	274	380	26	0	3	1
		With Louver	Type III Very Short	161	48	3	269	79	5	269	79	5	0	1	0

OPERATING TEMPERATURE: -40°C Through 50°C

SPECIFICATIONS AND FEATURES

MATERIAL: Cast aluminum or cast bronze.

LED: 6 LEDs driven at 615 mA with a maximum power consumption of 14 watts. Lumen maintenance of individual light sources have been independently tested to IESNA LM-80 standards.

LENS: Diffused, tempered glass for non-louvered door. Clear, tempered glass for louvered door. All within 3 MacAdam ellipses.

GASKET: Single piece molded U-shape silicone.

LED DRIVER: 14Watt, MVOLT (120-277 Volt). Driver Included.

CONDUIT ENTRIES: 3/4" NPT side entries standard.

ACCESSORIES: LLV - Louver door, 45° cut-off.

FINISH: Super durable Polyester TGIC powder coat finish (standard). Optional Zinc undercoat for harsh environments.

FASTENERS: Stainless steel.

LISTING: cCSAus, Wet Location, Laboratory test conducted by CSA to UL Standards UL-1598 & UL-8750

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

WARRANTY: 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

Consult factory for details.

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.