

LED ROADWAY LIGHT



IMAGE MAY VARY FROM ACTUAL PRODUCT

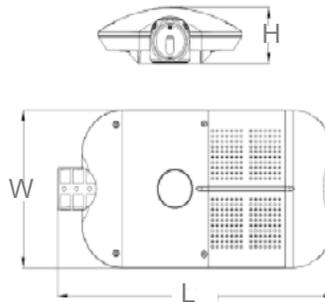


PRODUCT DESCRIPTION

This updated series is the result of a multi-disciplinary design study and it applies the latest technologies developed by ABOVE ALL. The product's reliability and performance are our priority. The ABOVE ALL LED Lighting Technology provides significant advantages in terms of luminous efficiency, minimizing losses refraction and reflection inside the optical system.

SPECIFICATION

Length: 22.7"
 Width: 11.8"
 Height: 4.2"
 Max. Weight: 18.5 lbs



Ordering Information

Example: ABBRW160LED50III-PC

ABOVE ALL	Roadway light	Watts	Source type	CCT	Distribution	Control
ABB	RW	80	LED	30 - 3000K	II - type II	PC-Photo Control 120V
		80 Watts		40 - 4000K	III - type III	MS - Multi-level Motion Sensor
		110		50 - 5000K		
		120 Watts				
		160				
		160 Watts				

Notice:

1. Standard Finish as White/ Traditional Bronze.
2. DLC Premium only with 5000K at present.
3. Special Order as other finish color - Ask Customer Service for Details.

PERFORMANCE DATA

LUMEN OUTPUT

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Lumen Ambient Temperature (LAT) Multipliers

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

Watts	Lumen Output	AC Input 120V	System Watts	Dist. Type	LPW
80W	8800lm	0.74A	80W	Type III	110 lm/W
120W	13200lm	1.10A	120W	Type II	
160W	17600lm	1.47A	160W		

Ambient		Multiplier
Celsius	Fahrenheit	
0	32	1.02
10	50	1.01
20	68	1.00
25	77	1.00
30	86	1.00
40	104	0.99

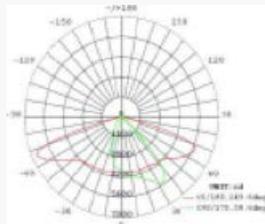
Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the LED Roadway light Fixture in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

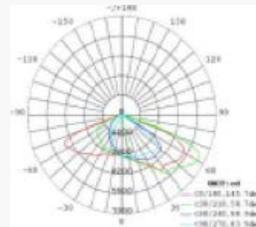
Operating Hours	0	4,000	7,000	15,000	>54,000
	Lumen Maintenance Factor	1.0	0.98(L98)	0.96(L96)	0.92(L92)

Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



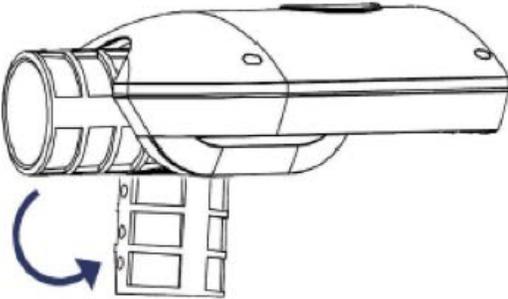
Type II



Type III

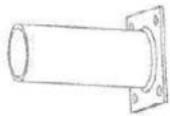
FEATURES

1. The angles of the bracket of roadway light can be adjusted from 0 to 90 degrees to fit with different styles of poles.

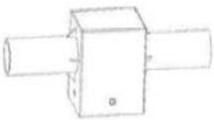


2. Diversified Installation Methods.

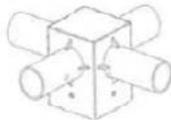
Optional converters for different applications



60mm to wall mount converter



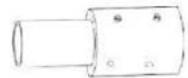
2 in 1 converter



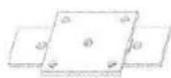
4 in 1 converter



Round to square converter



80-60mm converter



wall mount converter



60-40mm converter

PRODUCT SPECIFICATIONS

CONSTRUCION & MATERIALS

- Housing is all aluminum construction
- Terminal block for power input suitable for #12 - #18 AWG wire
- Luminaire sides are rugged die cast aluminum with integral, weathertight LED driver compartments and high performance heat sinks
- Surface-mount directly to a vertical or horizontal surface with included mount bracket

System Wattage	Max THD (%)	Power Factor	Power Efficiency	Replaces/ Equiv.(MH)
80W	20	>0.95	93%	320W
120W	20	>0.95	93%	400W
160W	20	>0.95	93%	400-600W

Ref#: 10105-10117

ELECTRICAL SYSTEM

- Input Voltage: 120-277V
- 50/60Hz
- Minimum Ambient -40°C
- Power Factor: > 0.95 at full load
- Total Harmonic Distortion: < 20% at full load
- Integral 10KV surge suppression protection standard

CERTIFICATIONS AND QUALIFICATIONS

- cETLus listed
- Suitable for wet location
- IP66 rated
- DLC qualified. Please refer to <http://www.designlights.org/QPL> for most current information
- Comes standard with 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- RoHS compliant
- Complies with 2013 California Title 24 building and electrical codes as a residential outdoor lighting fixture and as a commercial outdoor non-pole-mounted fixture ≤ 30 Watts

Warranty

Seven year limited warranty. Full warranty terms located at www.aboveallLighting.com/warrantystatements

Note: Specifications subject to change without notice.