



# LED ROADWAY LIGHT

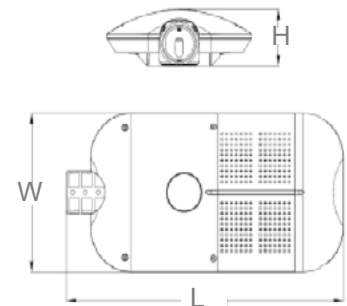


## PRODUCT DESCRIPTION

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

80W	120W	160W
Length: 22.7"	Length: 25.9"	Length: 29.1"
Width: 11.8"	Width: 11.8"	Width: 11.8"
Height: 4.2"	Height: 4.2"	Height: 4.2"
Max. Weight: 18.5 lbs	Max. Weight: 21 lbs	Max. Weight: 23.4 lbs



## Ordering Information

**Example: ABBRW160LED50III-PC12**

ABOVE ALL	Roadway light	Watts	Source type	CCT	Distribution	Control	Finish
ABB	RW	80	LED	30 - 3000K	II - type II	Blank - No Controls	Blank - Black
		80 Watts		40 - 4000K	III - type III	PC12 - Photo Control	
		110		50 - 5000K	120V		
		120 Watts					
		160					
		160 Watts					

Notice:

\* Standard Finish is black. Special Order as other finish color - Please 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.

Watts	Lumen Output	AC Input 120V	Dist. Type	CCT	LPW
80W	9600lm	0.74A	Type III	5000K	120
120W	14400lm	1.10A	Type II		120
160W	19200lm	1.47A			120

### 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).

### Lumen Ambient Temperature (LAT) Multipliers

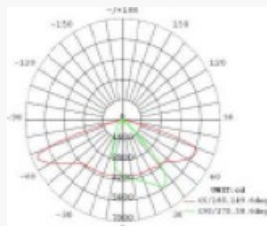
Use these factors to determine relative lumen output for average ambient temperature from -40°F-104°F (-40°C-40°C)

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

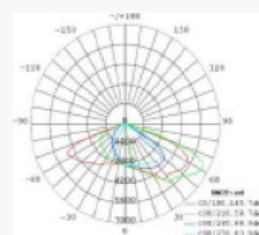
Operating Hours	0	4,000	7,000	15,000	>54,000
Lumen Maintenance Factor	1.0	0.98(L98)	0.96(L96)	0.92(L92)	0.70(L70)

### Photometry

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



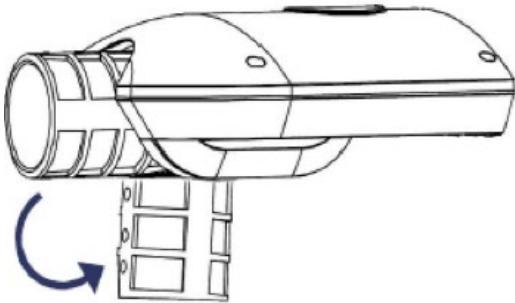
**Type II**



**Type III**

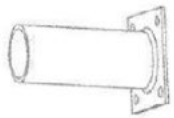
## FEATURES

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

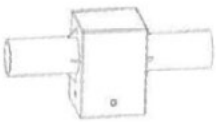


2. Diversified Installation Methods.

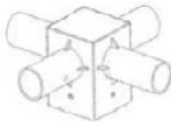
### Optional converters for different applications



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#: 10105-11102

### 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

Ten year limited warranty. Full warranty terms located at [www.abovealllighting.com/warrantystatements](http://www.abovealllighting.com/warrantystatements)

**Note:** Specifications subject to change without notice.