



Color: Bronze

Weight: 34.8 lbs

Project:

Type:

Prepared By:

Date:

**Driver Info**

Type	Constant Current
120V	0.89A
208V	0.58A
240V	0.50A
277V	0.44A
Input Watts	109.4W

**LED Info**

Watts	105W
Color Temp	5000K (Cool)
Color Accuracy	70 CRI
L70 Lifespan	100,000 Hours
Lumens	13,680
Efficacy	125 lm/W

**Technical Specifications****Electrical****Drivers:**

Two Drivers, Constant Current, Class 2, 1400mA, 100-277V, 50/60Hz, 0.8A, Power Factor 99%

**THD:**

7.6% at 120V, 16.5% at 277V

**Photocell:**

120-277V Twistlock photocell included. Photocell is compatible with 120-277V.

**Compliance****DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: P0000179G

**UL Listed:**

Suitable for wet locations

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**Dark Sky Conformance:**

Conforms to (allows for conformance to) the requirements for the IDA's "Fixture Seal of Approval" as of March 1, 2016.

**Performance****Lifespan:**

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

**Construction****IES Classification:**

The Type IV distribution (also known as a Forward Throw) is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

**IP Rating:**

Ingress protection rating of IP66 for dust and water

**Maximum Ambient Temperature:**

Suitable for use in up to 40°C (104°F)

**Cold Weather Starting:**

The minimum starting temperature is -40°C (-40°F)

**Thermal Management:**

Superior thermal management with external "Air-Flow" fins

**Housing:**

Die-cast aluminum housing, lens frame and mounting arm

**Technical Specifications (continued)****Construction****Mounting:**

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

**Reflector:**

Specular vacuum-metallized polycarbonate

**Gaskets:**

High-temperature silicone gaskets

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**LED Characteristics****LEDs:**

Multi-chip, high-output, long-life LEDs

**Color Consistency:**

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**Color Stability:**

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

**Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

**Other****Equivalency:**

Equivalent to 400W Metal Halide

**Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

**Patents:**

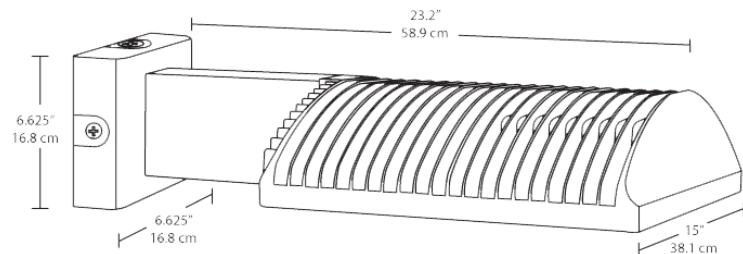
The design of WPLED105 is protected by patents pending in US, Canada, China, Taiwan and Mexico

**Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

**Optical****BUG Rating:**

B1 U0 G2

**Dimensions****Features**

High performance LED light engine

Maintains 70% of initial lumens at 100,000-hours

Weatherproof high temperature silicone gaskets

Superior heat sinking with die cast aluminum housing and external fins

Replaces 400W MH

100 up to 277 Volts

5-Year, No-Compromise Warranty

## Ordering Matrix

Family	Optics	Wattage	Color Temp	Mounting	Finish	Driver Options	Other Options
WPLED	4T	105					/PCT
4T = Type IV	50 = 50W	Blank = 5000K Cool	Blank = Arm	Blank = Bronze	Blank = Standard	/480 = 480V	Blank = Standard
3T = Type III	78 = 78W	N = 4000K Neutral	FX = Flat Mount	W = White	/BL = Bi-Level	/BL = Bi-Level	/PC = 120V Photocell
2T = Type II	105 = 105W	Y = 3000K Warm			/D10 = 0-10V Dimming	/D10 = 0-10V Dimming	/PC2 = 277V Photocell
	125 = 125W				/480/D10 = 480V 0-10V Dimming		/PCT = 120-277V Twistlock Photocell
	150 = 150W						/PCT4 = 480V Twistlock Photocell
							/PCS = 120V Swivel Photocell
							/PCS2 = 277V Swivel Photocell
							/PCS4 = 480V Swivel Photocell
							/WS = Multi-Level Motion Sensor
							/WS2 = Multi-Level Motion Sensor (20 ft. mt. ht.)
							/WS4 = Multi-Level Motion Sensor (40 ft. mt. ht.)
							/LC = Lightcloud® Controller