



#### Specifications

**Weight:** 7lbs, consists of LED module and LED driver

## PARADOX 7 LED Retrofit

### HIGHLIGHTS

- Adjustable LED module for in-field aiming up to 15° tilt and 360° rotation
- Integral junction box for wire splicing
- Available with 0-10V low voltage dimming
- U.V. stabilized, impact and corrosion resistant housing
- Integral driver
- LED retro fit consists of LED module and LED driver

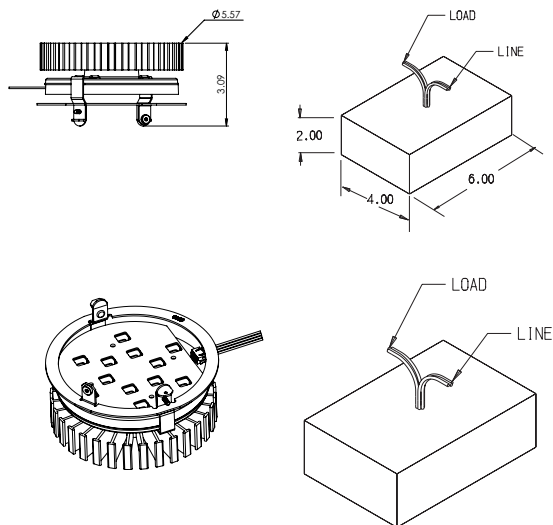
**5**  
YEAR  
warranty



IP67



### DIMENSIONS



### LUMEN PACKAGES

	NSP	MFL	FL	WFL	HSP	HFL	VWFL
Delivered Lumens	1200	1200	900	1100	1200	1100	700
Watts	14	14	14	14	14	14	14
LPW	86	86	64	79	86	79	54

Note: Based on WHT41K

## ORDERING INFORMATION

EXAMPLE: RFPDX7 12LED WHT53K MVOLT NSP FLC IHL

Model*	LED Array*	LED Color*	Voltage*	Light Distribution*
RFPDX7	12LED	<b>WHT30K</b> 3000K CCT <b>WHT41K</b> 4100K CCT <b>WHT53K</b> 5300K CCT <b>AMBPC</b> Phosphor Converted Amber <b>BLU</b> Blue <b>GRN</b> Green <b>RED</b> Red	<b>MVOLT</b> (120-277 Volt 50/60HZ)	<b>NSP</b> Narrow Spot <b>MFL</b> Medium Flood <b>FL</b> Flood <b>WFL</b> Wide Flood <b>VWFL<sup>1</sup></b> Very Wide Flood (no optics) <b>HSP</b> Horizontal Spot <b>HFL</b> Horizontal Flood
Accessories Options Listing				
<b>Internal</b>		<b>LDIM</b> 0-10V Dimming. Dims to 20%.	<b>IEC<sup>2</sup></b> International Electrotechnical Commission	
<b>IHL</b>	Honeycomb Louver			
<b>FRF</b>	Frosted Filter			

## ELECTRICAL LOAD

Light Engines	Drive Current (mA)	System Watts	Current (A)			
			120	208	240	277
12 LED	350	14	0.117	0.067	0.058	0.051

## PROJECTED LED LUMEN MAINTENANCE

Data references the extrapolated performance projections for the Fixture platform in a 25°C ambient, based on 8400 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.

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

## 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	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

### Notes:

- FRF filter needed with VWFL
- Only for use in 50HZ applications.

## PERFORMANCE DATA

### LUMEN OUTPUT

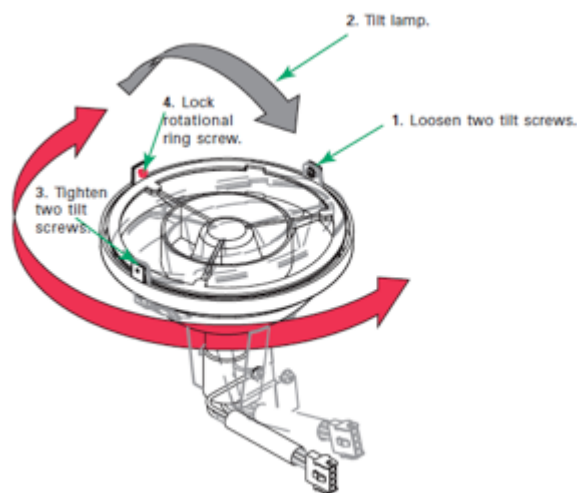
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

	Distribution	Nema Type	Beam Angle (50%) H x V	Field Angle (10%) H x V	Watts	LPW	Delivered Lumens
3000K 80CRI	NSP	2 x 2	14.7 x 14.7	28 x 28	14	50	700
	MFL	3 x 3	24.4 x 24.4	44 x 44	14	50	700
	FL	6 x 6	74.5 x 70.8	104.2 x 102.1	14	36	500
	WFL	6 x 6	102.5 x 100.4	129.6 x 129.1	14	43	600
	HSP	3 x 3	21.6 x 21.6	39.9 x 39.9	14	50	700
	HFL	4 x 3	39.3 x 15.7	59.6 x 29.9	14	43	600
	VWFL	6 x 6	89.3 x 85.1	129.4 x 128.2	13	31	400
4100K 70CRI	NSP	2 x 2	14.7 x 14.7	28 x 28	14	86	1,200
	MFL	3 x 3	24.4 x 24.4	44 x 44	14	86	1,200
	FL	6 x 6	74.5 x 70.8	104.2 x 102.1	14	64	900
	WFL	6 x 6	102.5 x 100.4	129.6 x 129.1	14	79	1,100
	HSP	3 x 3	21.6 x 21.6	39.9 x 39.9	14	86	1,200
	HFL	4 x 3	39.3 x 15.7	59.6 x 29.9	14	79	1,100
	VWFL	6 x 6	89.3 x 85.1	129.4 x 128.2	13	54	700
5300K 70CRI	NSP	2 x 2	14.7 x 14.7	28 x 28	14	86	1,200
	MFL	3 x 3	24.4 x 24.4	44 x 44	14	86	1,200
	FL	6 x 6	74.5 x 70.8	104.2 x 102.1	14	64	900
	WFL	6 x 6	102.5 x 100.4	129.6 x 129.1	14	79	1,100
	HSP	3 x 3	21.6 x 21.6	39.9 x 39.9	14	86	1,200
	HFL	4 x 3	39.3 x 15.7	59.6 x 29.9	14	79	1,100
	VWFL	6 x 6	89.3 x 85.1	129.4 x 128.2	13	54	700

LED LIFE: L70/60,000 hours

OPERATING TEMPERATURE: -30°C Through 40°C

### LAMP ADJUSTMENT DETAIL



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## SPECIFICATIONS AND FEATURES

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**LED TYPE:** Monochromatic and White LEDs, 12W. All within 3 MacAdam ellipses.

**VOLTAGE:** MVOLT (120-277).

**LIGHT DISTRIBUTION:** See Ordering Guide. LED module has 15° of internal tilt and 360° of rotation.

**POWER MODULE:** Integrally mounted modular encapsulated LED driver.

**LISTING:** cCSAus, suitable for wet locations, laboratory tests conducted by CSA to UL Standard UL-1598 and UL-8750.

**BUY AMERICAN ACT:** This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/resources/buy-american](http://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](http://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.