


Specifications

Weight: 9lbs, consists of LED module and LED driver

PARADOX 10

LED Retrofit

HIGHLIGHTS

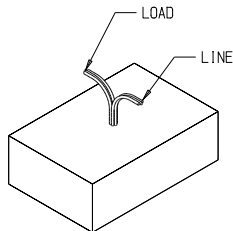
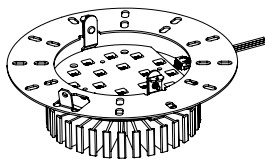
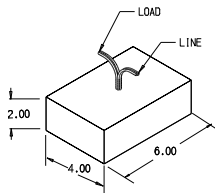
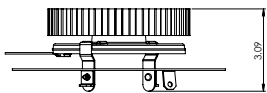
- Adjustable LED module for in-field aiming up to 15° tilt and 360° rotation
- Integral junction box for wire splicing
- Available with 0-10V low voltage dimming
- U.V. stabilized, impact and corrosion resistant housing
- Integral driver
- LED retro fit consists of LED module and LED driver

5
YEAR
warranty


IP67



DIMENSIONS



LUMEN PACKAGES

	NSP	MFL	FL	WFL	HSP	HFL	VWFL
Delivered Lumens	1700	1700	1500	1700	1900	1600	1400
Watts	19	19	19	19	19	19	19
LPW	90	91	79	90	96	80	77

Note: Based on 41K

ORDERING INFORMATION
EXAMPLE: RFPDX10 18LED WHT30K MVOLT FL IHL LDIM

Model*	LED Type*	LED Color*	Voltage*	Light Distribution*
RFPDX10	18LED 18 Chip LED array	WHT30K 3000K CCT WHT41K 4100K CCT WHT53K 5300K CCT AMBPC Phosphor Converted Amber BLU Blue GRN Green RED Red	MVOLT (120 - 277V)	NSP Narrow Spot MFL Medium Flood FL Flood WFL Wide Flood VWFL¹ Very Wide Flood (no optics) HSP Horizontal Spot HFL Horizontal Flood
Accessories		Options	Listing	
Internal IHL Internal Honeycomb Louver FRF Frosted Filter		LDIM 0-10V Dimming	IEC ² International Electrotechnical Commission	

ELECTRICAL LOAD

Light Engines	Drive Current (mA)	System Watts	Current (A)			
			120	208	240	277
18 LED	350	19	0.16	0.09	0.08	0.07

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

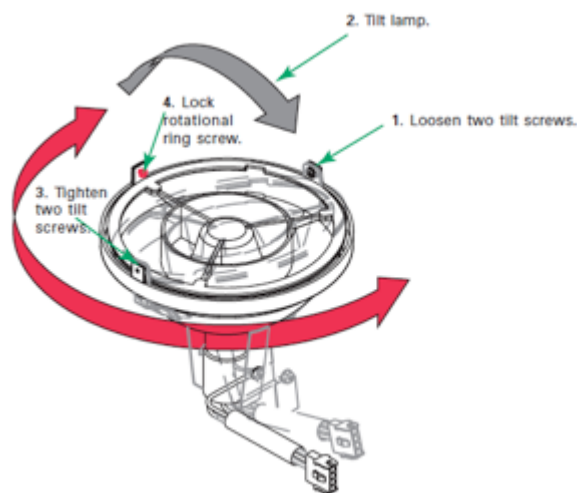
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory 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	14.8 x 14.8	27.1 x 27.1	19	53	1,000
	MFL	6 x 6	35.7 x 35.7	109 x 109	19	54	1,000
	FL	5 x 5	75.8 x 56.2	95.7 x 83.4	19	48	900
	WFL	7 x 7	114.2 x 114.2	136.1 x 136.1	19	54	1,000
	HSP	3 x 3	20.8 x 20.8	38.9 x 38.9	20	57	1,100
	HFL	4 x 3	40.5 x 15.6	60.8 x 30.4	20	48	950
	VWFL	7 x 7	110.2 x 110.2	141 x 141	18	45	800
4100K 70CRI	NSP	2 x 2	14.8 x 14.8	27.1 x 27.1	19	90	1,700
	MFL	6 x 6	35.7 x 35.7	109 x 109	19	91	1,700
	FL	5 x 5	75.8 x 56.2	95.7 x 83.4	19	79	1,500
	WFL	7 x 7	114.2 x 114.2	136.1 x 136.1	19	90	1,700
	HSP	3 x 3	20.8 x 20.8	38.9 x 38.9	20	96	1,900
	HFL	4 x 3	40.5 x 15.6	60.8 x 30.4	20	80	1,600
	VWFL	7 x 7	110.2 x 110.2	141 x 141	18	77	1,400
5300K 70CRI	NSP	2 x 2	14.8 x 14.8	27.1 x 27.1	19	90	1,700
	MFL	6 x 6	35.7 x 35.7	109 x 109	19	91	1,700
	FL	5 x 5	75.8 x 56.2	95.7 x 83.4	19	79	1,500
	WFL	7 x 7	114.2 x 114.2	136.1 x 136.1	19	90	1,700
	HSP	3 x 3	20.8 x 20.8	38.9 x 38.9	20	96	1,900
	HFL	4 x 3	40.5 x 15.6	60.8 x 30.4	20	80	1,600
	VWFL	7 x 7	110.2 x 110.2	141 x 141	18	77	1,400

LED LIFE: L70/60,000 hours

OPERATING TEMPERATURE: -30°C Through 40°C

LAMP ADJUSTMENT DETAIL



SPECIFICATIONS AND FEATURES

LED TYPE: Monochromatic and White LEDs, 19W, 18 chip arrays. All within 3 MacAdam ellipses.

VOLTAGE: MVOLT (120-277) 50/60Hz.

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

POWER MODULE: Integrally mounted modular 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 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.