



PARADOX 10

19W LED

10" Architectural In-Grade

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

5
YEAR
warranty



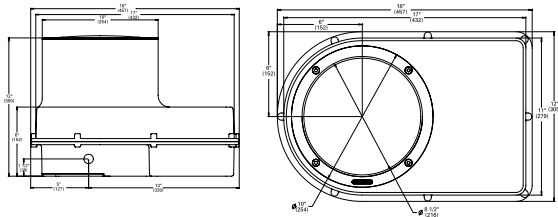
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Specifications

Length:	18"
	457 mm
Width:	12"
	305 mm
Height:	12"
	305 mm
Weight:	11lbs

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: PDX10 B 18LED WHT30K MVOLT NSP FLC 34S

Model*	Door Material*	LED Type*	LED Color*	Voltage*	Light Distribution*	
PDX10	SS	Stainless Steel	18LED 18 Chip LED array	MVOLT (120 - 277V)	NSP	
	BSS	Brushed Stainless Steel			MFL	
	B	Bronze			FL	
						WFL
			WHT30K	3000K CCT	VWFL ²	
			WHT41K	4100K CCT	HSP	
			WHT53K	5300K CCT	HFL	
			AMBPC	Phosphor Converted Amber	Note: FRF filter required with VWFL distribution	
			BLU	Blue		
			GRN	Green		
			RED	Red		

Lens*	Conduit Entries*	Accessories	Options	Listing	
FLC	Flat Lens Clear	34S Two 3/4" NPT Side (Standard)	<u>Internal</u>	LDIM 0-10V Dimming	IEC International Electrotechnical Commission
FLCAS	Flat Lens Clear, Anti-Slip	25S Two 25mm Side	IHL Internal Honeycomb Louver		Note: Only for use with 50hz applications
FLCSR	Flat Lens Frosted, Slip Resistant		FRF Frosted Filter		
Note: FLCSR lens meets ADA requirements for coefficient of friction					

ELECTRICAL LOAD

Light Engines	Drive Current (mA)	System Watts	Current (A)					
			120	208	240	277	347	480
18 LED	350	19	0.16	0.09	0.08	0.07	0.05	0.04

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

SLIP RESISTANCE AND LOAD RATING

PDX10
MAXIMUM LOAD RATING
Peak compression force of 4,944 lbs.
LENS STATIC COEFFICIENT OF FRICTION
PDX10 Anti-Slip Lens (FLCAS): Dry = 0.76; Wet = 0.20
PDX10 Slip Resistant Lens (FLCSR): Dry = 0.84; Wet = 0.65

PERFORMANCE DATA

LUMEN OUTPUT

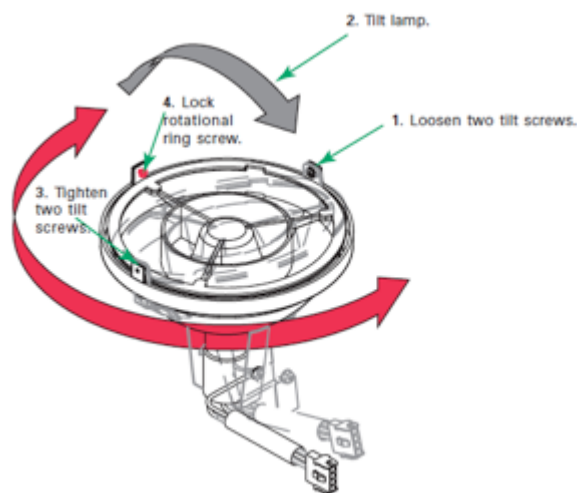
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory 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

DOOR MATERIAL: Die cast bronze or stainless steel.

HOUSING: Compression molded polyester with patent pending internal direct access junction box for through-branch wiring. Internal junction box provides 44in³ volume to ensure proper seal during installation. The housing is U.V. stabilized, impact and corrosion resistant for use in all types of environments. The housing has a side-car configuration and houses the lamp and power module components as well as the lens/ door finishing section.

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

VOLTAGE: MVOLT.

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

LENS/SEAL: Tempered clear flat borosilicate glass. The patent pending door / lens seal uses proprietary knife edge technology to secure the assembly to the housing. Three captive screws hold the assembly in place. The lens is notched to provide maximum aperture opening.

CONDUIT ENTRIES: Two molded ¾" NPT side entries standard, bottom hubs are molded with ¾" NPT membrane knockout.

ACCESSORIES: See Ordering Guide.

POWER MODULE: Integrally mounted modular encapsulated LED driver.

FINISH: Natural bronze, stainless steel, or stainless steel with a brushed finish.

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. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/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.