

# P8152 Series

2" Pro-Optic® LED  
 Open and Wall Wash Downlight



## SPECIFICATIONS:

### General

- 2" commercial grade LED downlight utilizing remote phosphor technology to obtain color consistency, energy savings, and low maintenance costs
- 50,000 hours minimum life up to 35°C (95° F) in open plenum applications

### Housing

- One-piece 22 gauge non-corrosive steel platform
- Pre-wired J-box with snap-on cover for easy access
- Snap-in connection from driver compartment allows easy installation of light engine/trim assembly without tools above or below the ceiling and can be upgraded to accommodate technology improvements
- Approved for 8 (4 in/4 out) No. 12 AWG conductors rated for 90°C through wiring

### Reflector

- High purity aluminum Alzak, iridescence suppressed, semi-diffuse reflector
- Self-flanged trim standard
- White painted self-flanged trim (-28) option available

### LED Light Engine

- The P8152 uses the Philips Fortimo DLM LED Module with remote phosphor technology. This technology provides controlled color consistency from fixture to fixture
- The system is designed for optimal life and lumen maintenance (50,000 hours at 70% lumen maintenance)
- Both reflector and light engine assembly are mechanically retained to housing. The light engine comes standard with 90 CRI for all CCT's

### LED Driver

- Driver is designed to match the 50,000 hour minimum life expectancy of the system
- Meets UL Class 2, inherent short circuit protection, self limited, overload protected
- Integrated thermal feedback loop will gradually reduce current to protect system life
- Universal driver 120V-277V

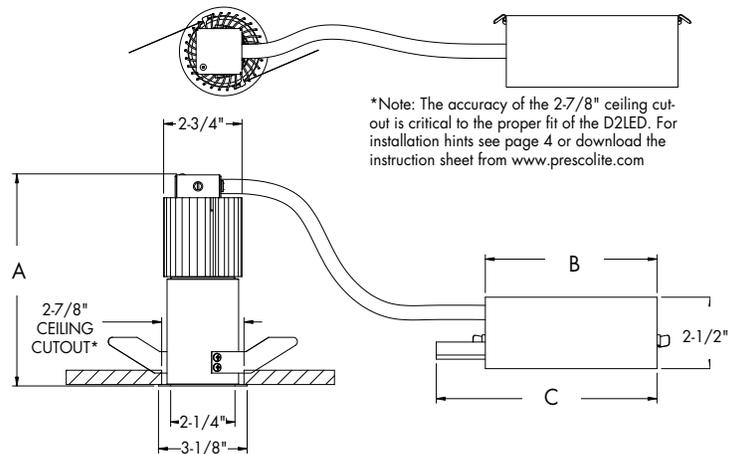
### Dimming

- Forward Phase - Triac dimmable

### Labeling

- cCSAus certified to US and Canadian standards
- Suitable for wet locations
- 5 year warranty

### Images:

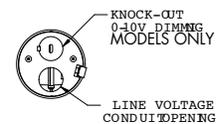


#### REFLECTORS

Beam Angle	DIM "A"
FL35	6-3/4"
WW	7"

#### J-TUBE

OPTIONSD	IM "B"	DIM "C"
STANDARD	7-3/4"	9-1/2"
HDM1	6-1/4"	18"
LDMG	7"	-3/4"
DM01	10"	1-3/4"



## CATALOG NUMBER: \_\_\_\_\_

### SAMPLE: P8152-21A/27K9

Base	ReflectorFinish	Color Temp	CRI
<b>P8152</b> - 1100 Lumens	<b>28</b> - White (standard) <b>21A</b> - Clear Alzak	<b>27K</b> - 2700K	<b>9</b> - 90 CRI

## Performance:

Input Voltage	120V/277V
Input Frequency	50/60 Hz
Input Current	0.170 (120V) 0.076 (277V)
Input Power	21W
Constant Current Output	760 mA
Power Factor	≥0.90
EMI Filtering	FCC 47CFR PART 15, CLASS B
Operating Temperature	-30°C to 35°C
Dimming	0-10V to 10%

Over-voltage, over-current, short-circuit protected  
 Power consumption and photometric output may vary with HDM or 2DM driver option

## Dimming Notes:

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