## CDLED6PS-20W-50D950-W

# RAB



Cylinders are a complete design solution. They are available in various sizes, mounting options, colors and beam angles, and suitable for indoor/outdoor use. Color: Matte white Weight: 8.7 lbs

# Technical Specifications

## Listings

## UL Listed:

Suitable for wet locations

## IESNA LM-79 & IESNA 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.

## Electrical

## Driver:

Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.18A, 208V: 0.11A, 240V: 0.10A, 277V: 0.09A

#### Dimming Driver:

0 - 10V (at 120-277V), TRIAC and ELV (at 120V only)

## THD:

12% at 120V, 19.4% at 277V

#### **Power Factor:**

98.6% at 120V, 89.7% at 277V

## Optical

**Optics:** 

50°

## **LED Characteristics**

#### Lifespan:

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

## LEDs:

Long-life, high-efficacy, surface-mount LEDs

## **Color Stability:**

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

## Construction

#### **Cold Weather Starting:**

The minimum starting temperature is -30°C (-22°F)

#### **Maximum Ambient Temperature:**

Suitable for use in 40°C (104°F)

## Lens:

Solite Glass Lens and Microprismatic Diffusion Lens

## Reflector:

Vacuum-metalized polycarbonate

Project: Prepared By:		Type: Date:			
Туре	Constant Current	Watts	20W		
120V	0.18A	Color Temp	5000K (Cool)		
208V	0.11A	Color Accuracy	92 CRI		
240V	0.10A	R9	68		
277V	0.09A	L70 Lifespan	50,000		
Input Watts	20.30W	Lumens	1,853		
Efficiency	99%	Efficacy	91.3 LPW		

## Housing:

Extruded aluminum

#### Mounting:

Pendant stem (comes with components to create 12", 24", 36" or 48" in field)

### Gaskets:

High-temperature silicone

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

#### Finish:

Formulated for high durability and long-lasting color

## Other

#### 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 <u>rablighting.com/warranty.</u>

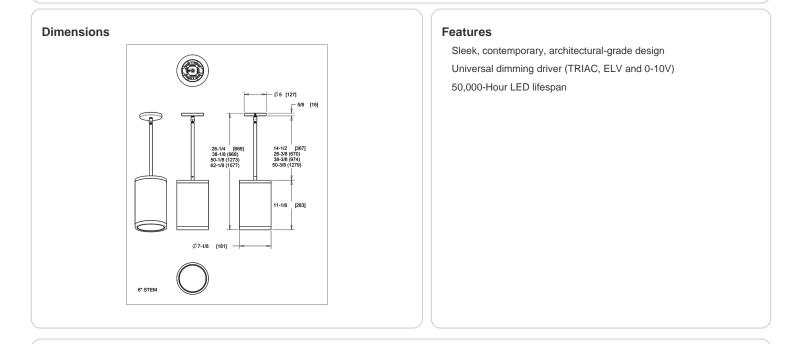
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## **Technical Specifications (continued)**

## Other

## **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.



## **Ordering Matrix**

Family	Size	Mounting	Wattage	Optic	CRI/Color Temp		Finish
CDLED	6	PS	– 20W –	50D	950	-	W
	<b>2 =</b> 2"	WD = Wall Direct (Downlight) Only	<b>10W =</b> 10W	<b>20D =</b> 20°	927 = 90 CRI, 2700K		W = Matte White
	<b>4</b> = 4"	WU = Wall Indirect (Uplight) Only	20W = 20W	<b>30D =</b> 30°	930 = 90 CRI, 3000K		K = Matte Black
	<b>6 =</b> 6"	W = Wall Direct/Indirect	<b>26W =</b> 26W	<b>40D =</b> 40°	935 = 90 CRI, 3500K		S = Matte Silver
		(Downlight/Uplight)	40W = 40W	<b>50D =</b> 50°	940 = 90 CRI, 4000K		Z = Bronze
		S = Surface (Ceiling Mount)		<b>80D =</b> 80°	950 = 90 CRI, 5000K		
		PC = Pendant Cord 48" Standard		WW = Wall Wash			
		PS = Pendant Stem					