# CDLED6PS-20W-80D940-K





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 black

Weight: 8.7 lbs

Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info		
Type	Constant Current	Watts	20W	
120V	0.18A	Color Temp	4000K (Neutral)	
208V	0.11A	Color Accuracy	90 CRI	
240V	0.10A	R9	52	
277V	0.09A	L70 Lifespan	50,000	
Input Watts	20.30W	Lumens	1,856	
Efficiency	99%	Efficacy	91.4 LPW	

## **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:

80°

#### **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

## 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 rablighting.com/warranty.



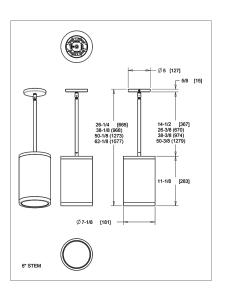
# **Technical Specifications (continued)**

## 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.

#### **Dimensions**



#### **Features**

Sleek, contemporary, architectural-grade design Universal dimming driver (TRIAC, ELV and 0-10V) 50,000-Hour LED lifespan

# **Ordering Matrix**

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