# CDLED6PS-20W-80D935-S

# 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 silver 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:** 

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

Project: Prepared By:		Туре:		
		Date:		
Driver	nfo	LED Info		
Туре	Constant Current	Watts	20W	
120V 208V	0.18A 0.11A	Color Temp	3500K (Warm Neutral)	
240V	0.10A	Color Accuracy	92 CRI	
277V	0.09A	R9	58	
Input Watts 20.30W		L70 Lifespan	50,000	

#### Housing:

Efficiency 99%

Extruded aluminum

#### Mounting:

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

Lumens

Efficacy

1.744

85.9 LPW

#### 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>

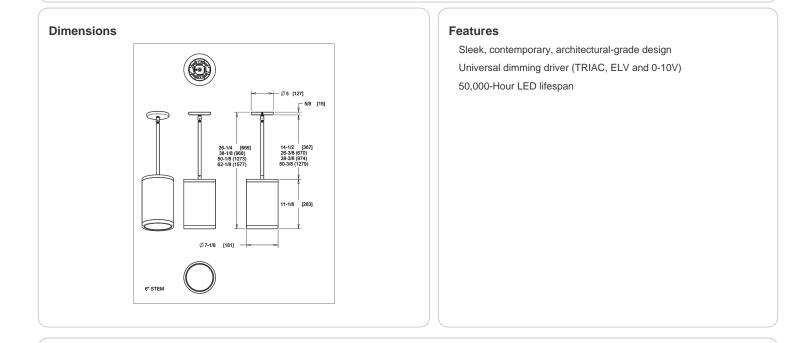
# CDLED6PS-20W-80D935-S

# **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 –	80D	935	-	S
	<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	26W = 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					