

## FEATURES AND BENEFITS

- Specification grade construction and optical system provides exceptional light distribution for smooth, even luminance
- Excellent color rendering with >80 CRI
- Longer life with up to 90% savings over conventional lighting sources, significantly reducing maintenance costs
- Mounting system allows safe, easy installation
- CSA certified for damp locations
- Made in the USA of US and Imported Parts

## MECHANICAL

**Housing:** Fabricated of 18 gauge steel, one-piece welded construction. Finish is pretreated, powder coat paint. All internal metal brackets are constructed of heavy-duty 16 gauge galvanized steel.

**Reflector:** Proprietary designed, spun 16GA, polished anodized aluminum in narrow, medium and wide distributions for different applications. Available in clear Alzak®, semi-spec and diffused finish. Additional colors are also available.

**Lens:** Optional frosted or transparent.

## ELECTRICAL

**LED Light Engine:** The CLS utilizes a high efficacy LED light engine with CRI of >80 and 50,000 hours at L70. For available color temperatures see ordering information.

**LED Driver:** For dimming options and protocols see ordering key on next page. Consult factory for additional specifications.

## WARRANTY

10 year limited warranty on luminaire. Pass through warranties on components when used in accordance with manufacturing guidelines. See [www.lumenoptix.com](http://www.lumenoptix.com) for details.

## LABELS & LISTINGS



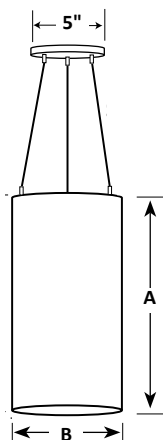
## Cylinders Single Light Suspended Cable Single & Triple

TECHNICAL DATA <sup>1</sup>			
LUMEN PACKAGE	1000	2000	3000
NOMINAL WATTAGE	15	28	43
POWER FACTOR	>0.9	>0.9	>0.9
THD	<10%	<10%	<10%
CRI	>80	>80	>80
INPUT FREQUENCY	% Hz	% Hz	% Hz

<sup>1</sup> Values are for non-dimming and 0-10V dimming.



## DIMENSIONS & FIXTURE CONFIGURATIONS



### 8" CYLINDER

A	Cylinder Height	12.40"
B	Cylinder Diameter	8.00"

### 10" CYLINDER

A	Cylinder Height	14.00"
B	Cylinder Diameter	9.63"

Cylinders  
Single Light Suspended Cable  
Single & Triple

MODEL NUMBER / ORDERING KEY

CLS1									
SERIES	SIZE	NOMINAL LUMENS	LED TYPE	COLOR TEMPERATURE	REFLECTOR BEAM	REFLECTOR FINISH	REFLECTOR COLOR	FLANGE COLOR	DIMMING
CLS1 LED Cylinder Single Light	<b>08</b> 8" Diameter	<b>10</b> 1000 lumens	PT8 Philips DLM Fortimo, 80CRI	<b>27K</b> 2700 Kelvin	<b>N<sup>1</sup></b> Narrow	<b>RM</b> Semi-specular (Anodized)	<b>ANODIZED</b> (Blank or CL) Clear	<b>(Blank or FM)</b> Match reflector color <b>FB</b> Black <b>FW</b> White	<b>(Blank or DUX)</b> Non dimming (120V-277V) <b>DU1</b> 0-10V dimming (120V-277V) <b>DU5</b> Lutron® Hi-Lume 1% 3 wire dimming (120V-277V) <b>DU6</b> Lutron® Hi-Lume 1% EcoSystem dimming (120V-277V) <b>D13</b> Lutron® Hi-Lume 1% 2 wire leading edge dimming (120V) <b>D14</b> 2 wire trailing edge dimming (120V)
	<b>10</b> 10" Diameter	<b>20</b> 2000 lumens		<b>30K</b> 3000 Kelvin	<b>M</b> Medium	<b>RD</b> Diffused (Anodized)	<b>CZ</b> Bronze		
		<b>30</b> 3000 lumens		<b>35K</b> 3500 Kelvin	<b>W<sup>2</sup></b> Wide	<b>RS</b> Specular (Anodized)	<b>CB</b> Black		
				<b>40K</b> 4000 Kelvin		<b>RP</b> Painted	<b>CK</b> Gold		
							<b>CG</b> Graphite		
							<b>CH</b> Warm Haze		
							<b>CP</b> Pewter		
							<b>CT</b> Wheat		
							<b>CS</b> Straw		
							<b>PAINTED</b>		
							<b>CW</b> Painted White		

*See dimension chart for exact sizes.*

*Consult factory for max ambient temperature.*

<sup>1</sup> Narrow beam not available for 8".

<sup>2</sup> 8" wide beam includes a faceted reflector.

*Contact factory for other anodized and painted colors.*

*Consult factory for dimmer compatibility, dimmer options and other voltages.*

HOUSING COLOR	SUSPENSION	SUSPENSION LENGTH	SUSPENSION COLOR	EMERGENCY	LENS	OTHER
<b>HB</b> Black	<b>KC</b> Single Cable	<b>M048<sup>3</sup></b> 48" Drop	<b>MB</b> Black	<b>(Blank or EBXX)</b> No emergency battery back-up installed	<b>(Blank or LXX)</b> No lens installed	<b>(Blank or SXX)</b> No option included
<b>HW</b> White						
<b>HS</b> Silver						
<b>HZ</b> Bronze						

*Consult factory for custom colors.*

<sup>3</sup> KC and KT suspension options only available in 48" or 96" lengths.

Product specifications subject to change without notice.  
For the most current spec sheet, visit our website [www.lumenoptix.com](http://www.lumenoptix.com).

