

FEATURES AND BENEFITS

- Specification grade construction and optical system provides exceptional light distribution for smooth, even luminance
- Excellent color rendering with >80 CRI
- LED light on top and bottom are customizable with various reflectors finishes, beam spreads, lenses, and lumen packages
- Longer life with up to 90% savings over conventional lighting sources, significantly reducing maintenance costs
- Mounting system allows safe, easy installation
- Thermal platform engineered for maximum component life
- 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 CLD utilizes a highly efficacious LED light engine with CRI of >80 and 50,000 hours at L70. For available color temperatures see ordering information.

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

Suspension Cables: Aircraft cable 1/16" (7x7) tool-less adjustable.

WARRANTY

10 year limited warranty on luminaire. Pass through warranties on components when used in accordance with manufacturing guidelines. See www.lumenoptix.com for details.

LABELS & LISTINGS

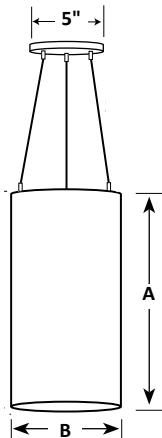


Cylinders
**Double Light
 Suspended Tri-Cable**

TECHNICAL DATA ¹			
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

¹Values 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
Double Light
Suspended Tri-Cable

MODEL NUMBER / ORDERING KEY

CLD1		UP/DOWN ¹		UP/DOWN ¹		UP/DOWN ¹		UP/DOWN ¹		UP/DOWN ¹
SERIES	SIZE	NOMINAL LUMENS	LED TYPE	COLOR TEMP	REFLECTOR BEAM	REFLECTOR FINISH	REFLECTOR COLOR	FLANGE COLOR	DIMMING ³	
CLD1 LED Cylinder Double Light	08 8" Diameter	10 1000 lumens	PT8 Philips DLM Fortimo, 80CRI	27K 2700 Kelvin	N² Narrow	RM Semi-specular (Anodized)	ANODIZED (Blank or CL) Clear	(Blank or FM) Match reflector color FB Black FW White	(Blank or DUX) Non dimming (120V-277V) Single Power / Dimming Feed DU1 0-10V dimming (120V-277V) DU5 Lutron® Hi-Lume 1% 3 wire dimming (120V-277V) DU6 Lutron® Hi-Lume 1% EcoSystem dimming (120V-277V) D13 Lutron® Hi-Lume 1% 2 wire leading edge dimming (120V) D14 2 wire trailing edge dimming (120V)	
	10 10" Diameter	20 2000 lumens		30K 3000 Kelvin	M Medium	RD Diffused (Anodized)	CZ Bronze			
		30 3000 lumens		35K 3500 Kelvin	W Wide	RS Specular (Anodized)	CB Black			
				40K 4000 Kelvin		RP Painted	CK Gold			
							CG Graphite			
							CH Warm Haze			
							CP Pewter			
							CT Wheat			
							CS Straw			
							PAINTED			
							CW Painted White			

See dimension chart for exact sizes.

Listed lumen output is nominal. Consult factory for max ambient temperature.

² Not available on 8".

Contact factory for other anodized and painted colors.

For other voltages and dimming options, consult factory. Consult factory for dimmer compatibility.

¹ If UP and DOWN options match, use one code and omit using forward slash. If different options are chosen, list UP first and DOWN second with the forward slash between them.

³ For independent control of UP and DOWN light, specify the same control separated with a forward slash. Not available with all options.

					UP/DOWN ¹	
HOUSING COLOR	SUSPENSION	SUSPENSION LENGTH	SUSPENSION COLOR	EMERGENCY	LENS	OTHER
HB Black	KT Tri Cable	MO48 48" Drop	MB Black	(Blank or EBXX) No emergency battery back-up installed	(Blank or LXX) No lens installed	(Blank or SXX) No option included
HW White		MO96 96" Drop	MW White			
HS Silver			MS Silver			
HZ Bronze			MZ Bronze			
					L01 Frosted lens	
					L02 Transparent lens	

For custom colors, consult factory.

Product specifications subject to change without notice. For the most current spec sheet, visit our website www.lumenoptix.com.