

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 energy sources, significantly reducing maintenance costs
- Mounting system allows safe, easy installation
- Thermal management 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 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 for details.

LABELS & LISTINGS



CLS1



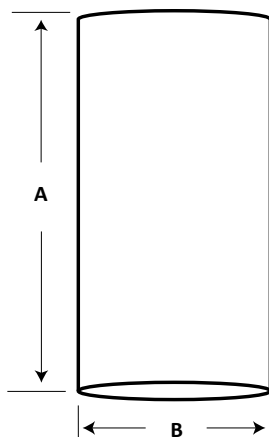
Cylinders Single Light Surface Mount

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"

MODEL NUMBER / ORDERING KEY

SERIES	SIZE	NOMINAL LUMENS	LED TYPE	COLOR TEMPERATURE	REFLECTOR BEAM	REFLECTOR FINISH	REFLECTOR COLOR	FLANGE COLOR	DIMMING
CLS1 LED Cylinder Single Light	08 8" Diameter 10 10" Diameter	10 1000 lumens 20 2000 lumens 30 3000 lumens	PT8 Philips DLM Fortimo, 80CRI	27K 2700 Kelvin 30K 3000 Kelvin 35K 3500 Kelvin 40K 4000 Kelvin	N¹ Narrow M Medium W² Wide	RM Semi-specular (Anodized) RD Diffused (Anodized) RS Specular (Anodized) RP Painted	ANODIZED (Blank or CL) Clear CZ Bronze CB Black CK Gold CG Graphite CH Warm Haze CP Pewter CT Wheat CS Straw PAINTED CW Painted White	(Blank or FM) Match reflector color FB Black FW White	(Blank or DUX) Non dimming (120V-277V) 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)
	<i>See dimension chart for exact sizes.</i>	<i>Consult factory for max ambient temperature.</i>			¹ <i>Narrow beam, not available for 8".</i> ² <i>8" wide beam includes a faceted reflector.</i>		<i>Contact factory for other anodized and painted colors.</i>		<i>Consult factory for dimmer compatibility, dimmer options and other voltages.</i>

HOUSING COLOR	SUSPENSION	SUSPENSION LENGTH	SUSPENSION COLOR	EMERGENCY	LENS	OTHER
HB Black HW White HS Silver HZ Bronze	KF Flush Mount	MXXX No Length	MX Match	(Blank or EBXX) No emergency battery back-up installed	(Blank or LXX) No lens installed L01 Frosted lens L02 Transparent lens	(Blank or SXX) No option included
<i>Consult factory for custom colors.</i>						

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

