

THE Cylinder

IMPERVIOUS TO HARSH ENVIRONMENTS

CUT SHEET



Agriculture / Horticulture Lighting
#LSH
 120 - 277vAC / 347 - 480vAC

Catalog Number	Type
Notes	

LED commercial & Industrial performance LIGHTING EQUIPMENT

Operating Temperature
 -20°C to +40°C



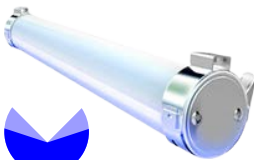
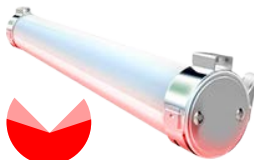
Select from
 2 ft, 4 ft & 5 ft. lengths

KEY FEATURES & UNIQUE BENEFITS

- Virtually impenetrable stainless steel / UV-Resistant Polycarbonate design.
- IK10 Impact rating for harsh areas and pressure washing.
- IP69K Intensive cleaning rating from the IEC 60529 Rating System for pressure washing and to remain vapor tight.
- Protection against the ingress of solid objects and rated as dust tight.
- Adapts to rapid environmental temperature changes.
- Made from anti-corrosive components and connectors.
- Stainless Steel End Caps and Hardware Kits.
- Easy installation, maintenance, replacement and cleaning.



Specialized color wavelengths trigger certain poultry behaviors.

 <p>Short wavelength blue produces a calming affect to reduce poultry activity.</p> <p>470nm Blue</p>	 <p>Long wavelength red reduces aggression in poultry activity.</p> <p>660nm Red</p>
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Color Wavelength Benefits:

- Increase development and weight gain.
- Increases flock uniformity and feed conversion.
- Regulates reproduction cycles and faster maturity.
- Provides friendly environment & increases feeding.
- Higher level of animal friendly welfare.

SPECIFICATIONS

NAME	The Cylinder	CRI	>80Ra						
Category	Agriculture / Horticulture Lighting	Power Factor	>0.992						
Model	#LSH	Color Temp (Kelvin)	3000, 4000, 5000, 6000 Kelvin						
Voltage	120 - 277vAC	Weight	4 lbs. / 5 lbs. / 6 lbs.						
Ambient Temperatures	Ambient -20°C to 40°C (104°F)	Dimensions	23.62", 47.24", 59" x 3" diameter						
Housing	S304 Stainless Steel End Caps	NPT	3/4"						
Lens	UV-Resistant Polycarbonate (Clear / Frosted)	Warranty	5-Year Limited						
IP Rating	IP69K	<table border="1"> <tr> <td>20 watts</td> <td>2,400 Lumens</td> </tr> <tr> <td>36 watts</td> <td>4,300 Lumens</td> </tr> <tr> <td>45 watts</td> <td>5,400 Lumens</td> </tr> </table>		20 watts	2,400 Lumens	36 watts	4,300 Lumens	45 watts	5,400 Lumens
20 watts	2,400 Lumens								
36 watts	4,300 Lumens								
45 watts	5,400 Lumens								
Wattage	20w / 36w / 45w								
Efficacy	120 to 113 lm/w range								
Lifetime	75,000 hr. at L70								

PRODUCT ORDERING SELECTION

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Series	Type-Watts	Kelvin	Voltage	Lens	Options
LSH2	<input type="checkbox"/> 20 - 20w	<input type="checkbox"/> 30 - 3000K	<input type="checkbox"/> U - 120-277vAC	<input type="checkbox"/> FL - Frosted Polycarbonate	<input type="checkbox"/> CK304 - Cable Kit 304S Stainless Steel
LSH4	<input type="checkbox"/> 36 - 36w	<input type="checkbox"/> 40 - 4000K		<input type="checkbox"/> CL - Clear Polycarbonate	<input type="checkbox"/> 3PC - 3 Point Connector (Standard)
LSH5	<input type="checkbox"/> 45 - 45w	<input type="checkbox"/> 50 - 5000K		<input type="checkbox"/> FLR - RED Frosted Polycarbonate	<input type="checkbox"/> B - Brass Connector
		<input type="checkbox"/> 60 - 6000K		<input type="checkbox"/> FLB - BLUE Frosted Polycarbonate	
				<input type="checkbox"/> CLR - RED Clear Polycarbonate	
				<input type="checkbox"/> CLB - BLUE Clear Polycarbonate	



Specifications and data are subject to change without notice.

MOUNTING



Two 304 Stainless Steel Mounting Clamps
Standard per Fixture.



Stainless Steel Cable Kit
CK304



3-Point Connector (Standard)
3PC

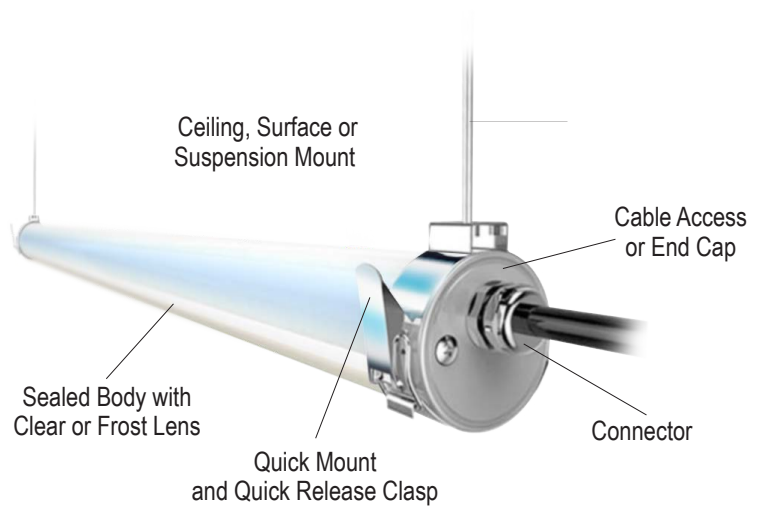


Brass Connector
B

IMPORTANT DETAILS



The IP69K rating is for applications where high pressure and high temperature wash-down are used to sanitize equipment. The test specification was initially developed for vehicles, especially those needing regular intensive cleaning (dump trucks, cement mixers, etc.), but has been widely adopted in the Food & Beverage industries as a test of products to withstand sanitary washdown.



DIMENSIONS

