

# LINEAR EXPLOSION PROOF



**JAYKAL**

PROJECT NAME:

**JAYKAL LED SOLUTIONS, INC.**

[www.jaykal.net](http://www.jaykal.net)

PROJECT NOTES:

21499 Baltimore Ave.

Georgetown, DE 19947

(P) 302-295-0015

## FEATURES

- ◆ Available From 40W to 150W
- ◆ 100-277VAC or 200-480VAC Input
- ◆ 6063 Cast Aluminum Construction
- ◆ Transmissive Tempered Glass Lens
- ◆ Photocell or Motion Control Options
- ◆ Dimming Option



**RoHS**   
Compliant

Revised 1/31/23

*Specifications are typical values and may change without notification*

**efficiency. illuminated.**

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SPECIFICATIONS TABLE							
SPECIFICATIONS	40W	50W	60W	80W	100W	120W	150W
INPUT VOLTAGE	100-277VAC / 200-480VAC 50/60hz						
SURGE PROTECTION	4kV Standard						
EFFICACY	120lm/W						
1-10V DIMMING	Optional						
LUMENS	4,800lm	6,000lm	7,200lm	9,600lm	12,000lm	14,400lm	18,000lm
POWER FACTOR	>0.95						
CRI	>70						
L70 HOURS	50,000+ hours LED Lifespan Based on I ES LM-80 results & TM-21 Calculations at 25°C, and ERP>6000h						
CCT	3000K/4000K/5000K						
OPERATIONAL TEMP.	-40°C - 50°C						
BEAM ANGLE	120° Standard Distribution is NEMA High/Low Bay Lights (Type5)						
HOUSING MATERIAL	ADC12 and 6063 Aluminum Die-Cast						
LENS MATERIAL	High Transmittance Tempered Glass						
HOUSING FINISH	Dark Bronze / Custom						
MOUNTING	U-Bracket						
PROTECTION	IP 66 / IEC60598 Ingress Protection Rating of NEMA 4/4X (IP66) for Dust and Water						
WEIGHT	6 lbs.			11 lbs.			
DIMENSIONS	23.5L X 5.0W X 4.5D in.			21.9L X 8.0W X 4.4D in.			
WARRANTY	5 Year Standard, 10 Year Optional						
UL CLASSIFICATIONS	UL844, UL1598, UL8750, CSA C22.2 NO. 137						
UL MARKING CLASS	<b>UL Marking:</b> Class I, Division 2, Groups A, B, C, D / Class II, Division 2, Groups F and G / Class III						
IEC/EN	<b>600079-0, 7, 28, 31 / Ex Mark:</b> II 3G Ex op is IICT*Gc II3D Ex tc op is IICT*Dc						
EPA RATING	0.61 sq./ft.						
VIBRATION RATING	3G vibration tested per ANSI C136.31 and IEC60598						

ORDERING INFORMATION		EXAMPLE: JLS68103-EXP-LN-2-150-277-40K-R-PC					
MODEL	LENGTH	WATTAGE	VOLTAGE	CCT	FINISH	CONTROLS	
JLS-EXP-LN	2 = 2 Foot	40 = 40W 50 = 50W 60 = 60W 80 = 80W 100 = 100W 120 = 120W 150 = 150W	277 = 120-277VAC 480 = 200-480VAC	30K = 3000K 40K = 4000K 50K = 5000K	R = Red	PC = Photocell M = Motion Sensor	

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