

2x4 Architectural/Prismatic Troffer



JAYKAL

PROJECT NAME:

JAYKAL LED SOLUTIONS, INC.

www.jaykal.net

PROJECT NOTES:

26832 Lewes Georgetown Hwy,
Building 2, Unit E
Harbeson, DE 19951
(P) 302-295-0015
(F) 302-295-0016

DESCRIPTION:

The simple design of the Troffer provides maximum light distribution and is ideal for commercial and industrial uses. This luminaire was engineered as an energy efficient and eco-friendly as a new fixture.



FEATURES & BENEFITS:

- ◆ Wattage Options: 24/40/50 Watt
- ◆ CCT Options; 3000K/3500K/4000K/5000K
- ◆ Multiple Dimming Options
- ◆ Architectural or Prismatic Diffuser
- ◆ 5 Year Warranty
- ◆ Near Zero Maintenance

DIFFUSER OPTIONS



Architectural Diffuser



Prismatic Diffuser



5 YEAR STANDARD WARRANTY—EXTENDED WARRANTIES AVAILABLE

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Specifications are typical values and may change without notification

efficiency. illuminated.

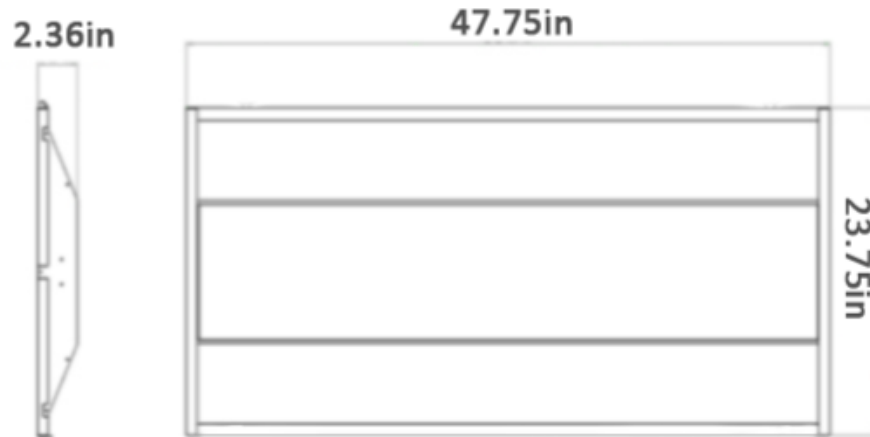
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SPECIFICATIONS TABLE

Watt	24W / 36W / 40W / 50 W	Lumens	3,216 / 4,824 / 5,360 / 6,700 lm	Efficacy	134 lm/w
Input Voltage	100-277VAC 50/60hz	Power Factor	0.98	CRI	> 80
THD	< 15 %	CCT	3000K / 3500K/ 4000K / 5000K		
Life (L70)	50,000 hours	Illumination Angle	120°	Operational Temperatures	-30°C — 50°C
Housing Finish	White Powder Coat	Lens Finish	Frosted	Protection	IP44
Housing Material	Sheet Metal	Lens Material	Polycarbonate	Environment	Indoor / Dry
Weight	16.53 lbs. / 7.5 kg	Dimensions	47.75 X 23.75 X 2.36 in / 1213 603 X 60 mm		
UL File No	E476503	Warranty	5 Year Standard		



ORDERING GUIDE

MODEL NUMBER	-	CCT	-	WATT	-	SENSORS	-	DIFFUSER OPTION	-	DIMMING OPTION	-	EMERGENCY BACKUP OPTION	-	TROFFER OPTION
JLS68102-24TRF		30K = 3000K 35K = 3500K 40K = 4000K 50K = 5000K		2 = 24W 3 = 36W 4 = 40W 5 = 50W		OC = Occupancy Sensor 0 = No Sensor		A = Architectural / Volumetric P = Prismatic		N = No Dim 10 = 0-10V DC P = Phase Dim (AC) 50 = 50/50 Dim		EM = Emergency Backup		T = Troffer

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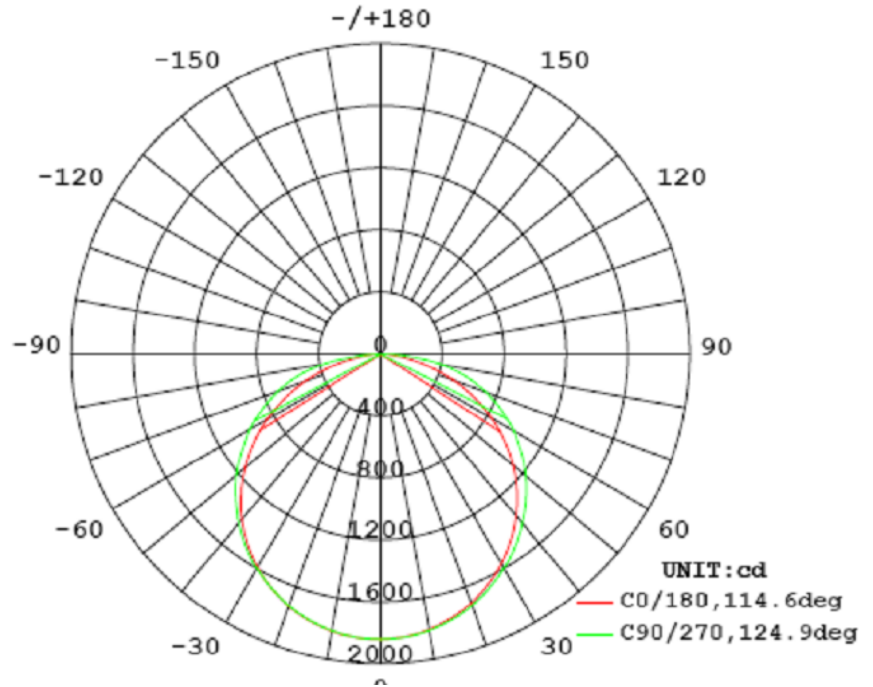
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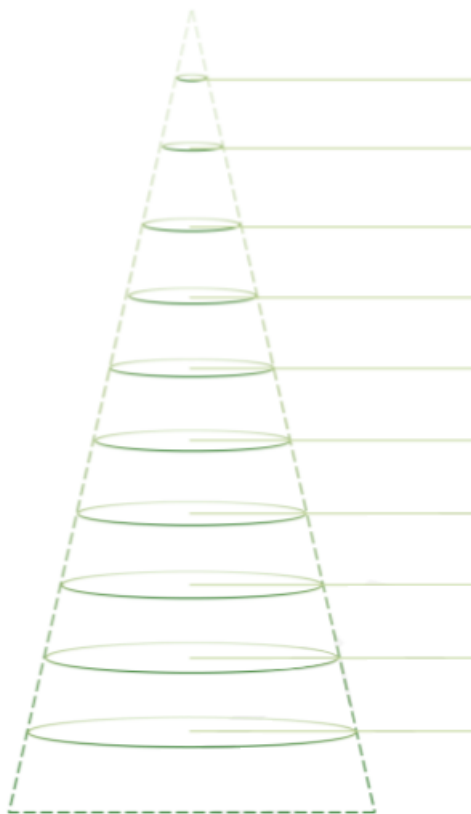
PHOTOMETRY

Luminous Intensity Distribution

	Beam Angle (50% I _{max}):	Field Angle (10% I _{max}):
C0/180	114.6	159.8
C45/225	120.3	168.3
C90/270	124.9	168.3
C135/315	120.9	168.8
AVG.	120.2	166.3



Angle: 120.20° . Flux out: 4407.0 lm.



Height (m)	Diameter (cm)	E _{avg} (lx)	E _{max} (lx)
0.5	173.9	1724.0	7374.0
1.0	347.8	431.0	1844.0
1.5	521.7	191.6	819.3
2.0	695.6	107.8	460.9
2.5	869.5	69.0	295.0
3.0	1043.4	47.9	204.8
3.5	1217.3	35.2	150.5
4.0	1391.2	26.9	115.2
4.5	1565.1	21.3	91.0
5.0	1739.1	17.2	73.7