

2x2 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.



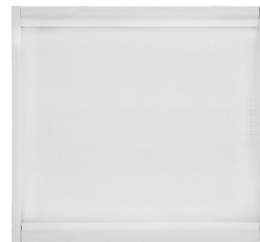
FEATURES & BENEFITS:

- ◆ Wattage Options 24/36 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.

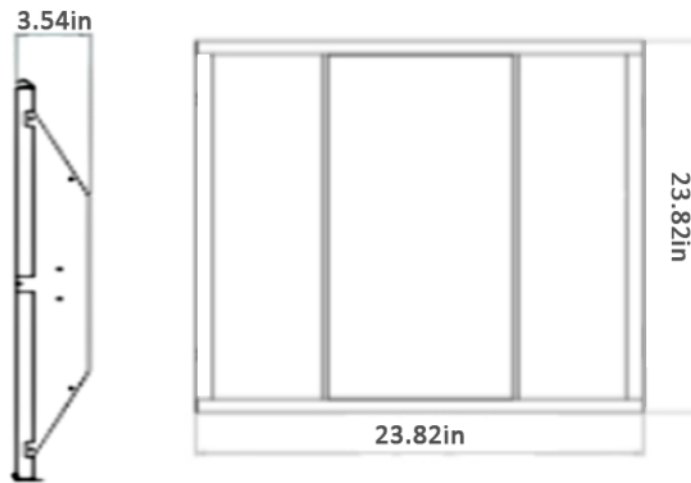
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SPECIFICATIONS TABLE

Watts	24W / 36 W	Lumens	3,048 / 4,572 lm	Efficacy	127 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	6.61 lbs. / 3 kg	Dimensions	23.82 X 23.82 X 3.54 in / 605 X 605 X 90 mm		
UL File No	E476503	Warranty	5 Year Standard		



ORDERING GUIDE

MODEL NUMBER	-	CCT	-	WATTS	-	SENSORS	-	DIFFUSER OPTION	-	DIMMING OPTION	-	EMERGENCY BACKUP OPTION	-	TROFFER OPTION
JLS68102-22TRF		30K = 3000K 35K = 3500K 40K = 4000K 50K = 5000K		2 = 24W 3 = 36W		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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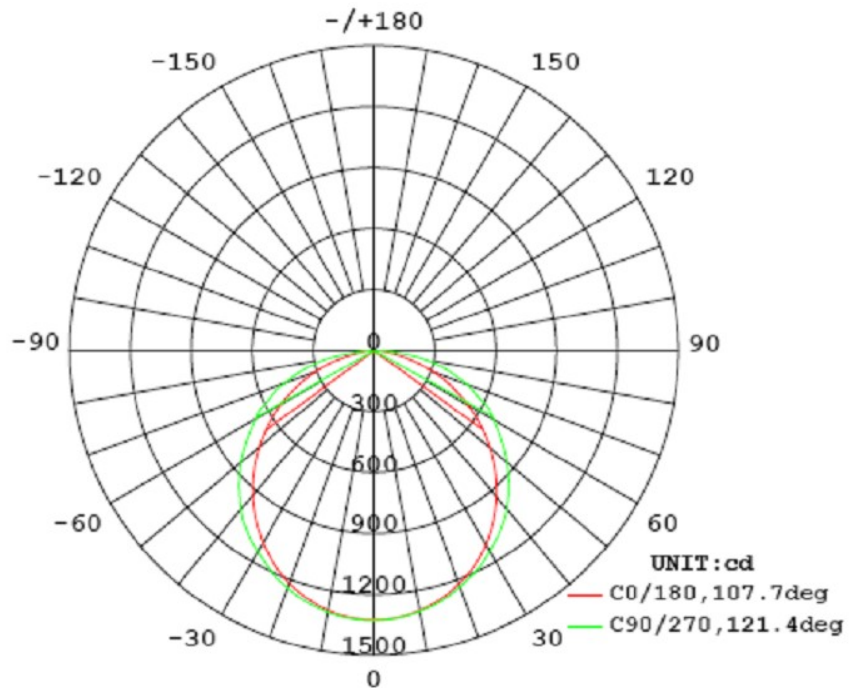


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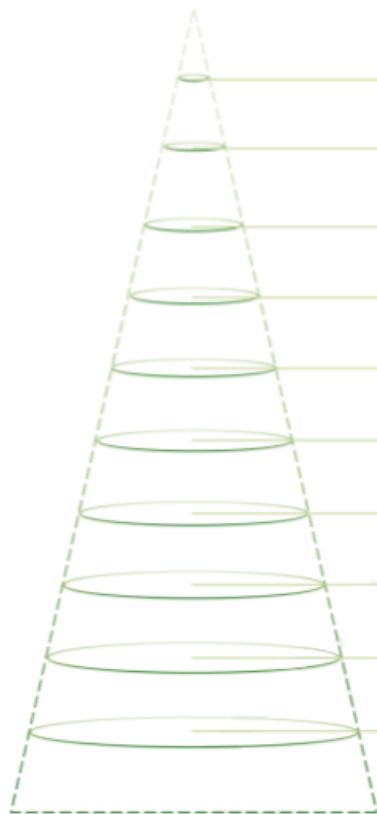
PHOTOMETRY

Luminous Intensity Distribution

	Beam Angle (50% I _{max}):	Field Angle (10% I _{max}):
C0/180	107.7	157.3
C45/225	115.1	165.5
C90/270	121.4	167.2
C135/315	114.5	165.2
AVG.	114.7	163.8



Angle: 114.70° . Flux out: 2885.0 lm.



Height (m)	Diameter (cm)	E _{avg} (lx)	E _{max} (lx)
0.5	156.1	1434.0	5313.0
1.0	312.1	358.6	1328.0
1.5	468.2	159.4	590.3
2.0	624.3	89.6	332.1
2.5	780.3	57.4	212.5
3.0	936.4	39.8	147.6
3.5	1092.5	29.3	108.4
4.0	1248.5	22.4	83.0
4.5	1404.6	17.7	65.6
5.0	1560.7	14.3	53.1

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