

1X4 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.



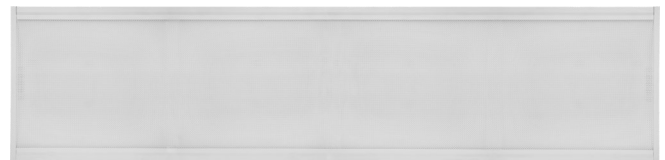
FEATURES & BENEFITS:

- ◆ Wattage Options: 24 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

(P) 302-295-0015 | (E) sales@jaykal.net | (W) www.jaykal.net

Specifications are typical values and may change without notification

efficiency. illuminated.

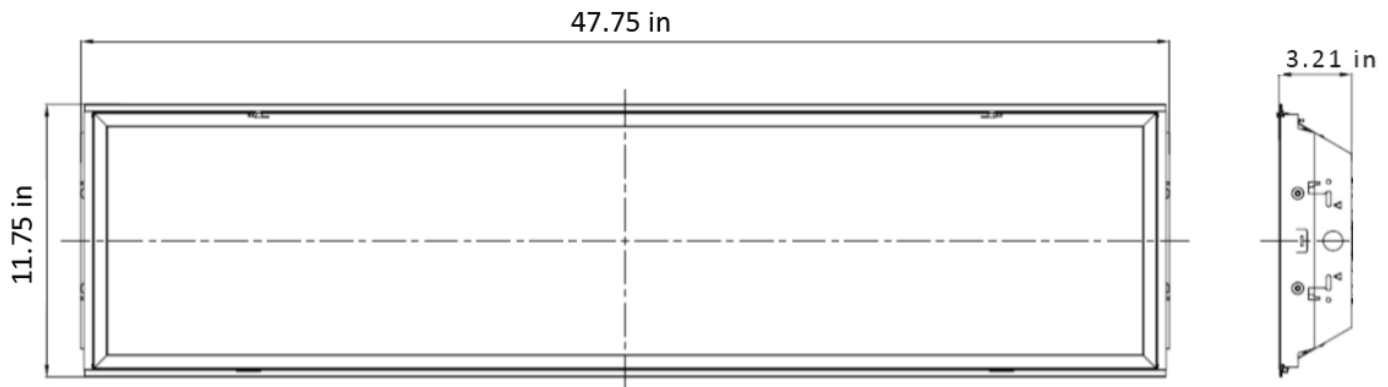
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SPECIFICATIONS TABLE

Watt	24 W	Lumens	2,880 lm	Efficacy	120 lm/w
Input Voltage	120-277VAC 50/60hz	Power Factor	0.90	CRI	> 80
THD	< 15 %	CCT	3000K/3500K/4000K/5000K		
Life (L70)	50,000 hours	Illumination Angle	120°	Operational Temperatures	-25°C — 40°C
Housing Finish	White Powder Coat	Lens Finish	Frosted	Protection	IP44
Housing Material	Sheet Metal	Lens Material	Polycarbonate	Environment	Indoor / Dry
Weight	20.94 lbs. / 9.5 kg	Dimensions	47.75 x 11.75 x 3.21 in / 1213 x 298 x 81.5 mm		
UL File No	E476503	Warranty	5 Year		



ORDERING GUIDE

MODEL NUMBER	-	CCT	-	WATTS	-	SENSORS	-	DIFFUSER OPTION	-	DIMMING OPTION	-	EMERGENCY BACKUP OPTION	-	TROFFER OPTION
JLS68102-14TRF		30K = 3000K 35K = 3500K 40K = 4000K 50K = 5000K		2 = 24W		OC = Occupancy Sensor 0 = No Sensor		A = Architectural 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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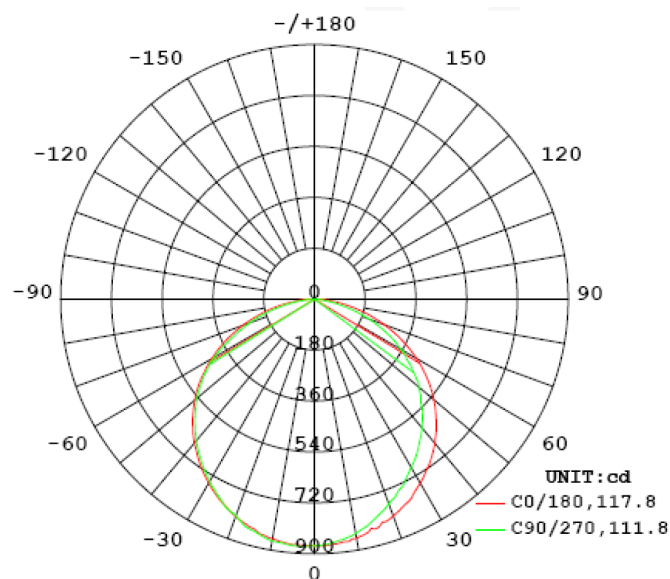
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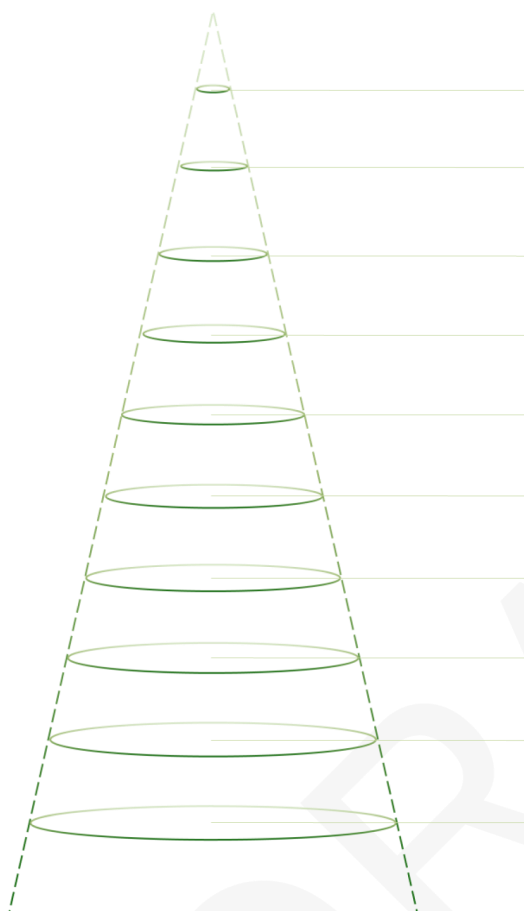
PHOTOMETRY

Luminous Intensity Distribution

	Beam Angle (50% I _{max}):	Field Angle (10% I _{max}):
C0/180	117.8	163.8
C45/225	113.7	160.9
C90/270	111.8	158.0
C135/315	113.2	161.1
AVG.	114.1	161.0



Angle: 114.1°. Flux out: 1890.0 lm.



Height (m)	Diameter (cm)	E _{avg} (lx)	E _{max} (lx)
0.5	154.28	939.5	3519.0
1.0	308.56	234.9	879.8
1.5	462.84	104.4	391.0
2.0	617.12	58.7	219.9
2.5	771.41	37.6	140.8
3.0	925.69	26.1	97.8
3.5	1079.97	19.2	71.8
4.0	1234.25	14.7	55.0
4.5	1388.53	11.6	43.5
5.0	1542.81	9.4	35.2