

# 2x2 Architectural/Prismatic Troffer Retrofit Kit



**JAYKAL**

PROJECT NAME:

**JAYKAL LED SOLUTIONS, INC.**

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

PROJECT NOTES:

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

(P) 302-295-0015 | (E) [sales@jaykal.net](mailto:sales@jaykal.net) | (W) [www.jaykal.net](http://www.jaykal.net)

*Specifications are typical values and may change without notification*

**efficiency. illuminated.**

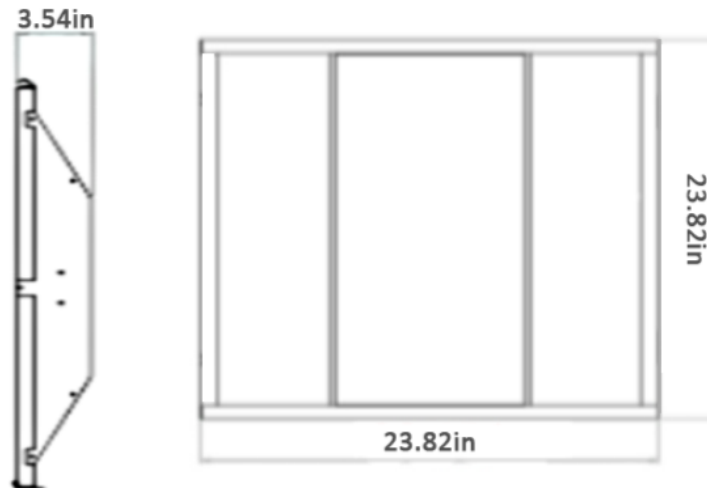
# 2x2 Architectural/Prismatic Troffer Retrofit Kit



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## SPECIFICATIONS TABLE

Watts	24W / 36W	Lumens	3048 / 4572 lm	Efficacy	127 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
JLS68102-22TRF		<b>30K</b> = 3000K <b>35K</b> = 3500K <b>40K</b> = 4000K <b>50K</b> = 5000K		<b>2</b> = 24W <b>3</b> = 36W		<b>OC</b> = Occupancy Sensor <b>0</b> = No Sensor		<b>A</b> = Architectural / Volumetric <b>P</b> = Prismatic		<b>N</b> = No Dim <b>10</b> = 0-10V DC <b>P</b> = Phase Dim (AC) <b>50</b> = 50/50 Dim		<b>EM</b> = Emergency Backup		<b>R</b> = Retrofit

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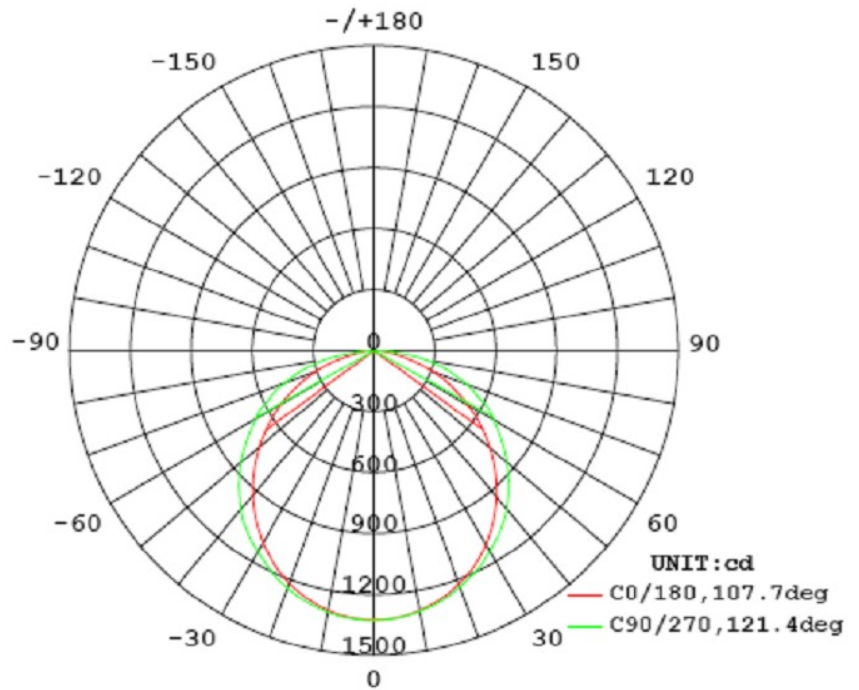
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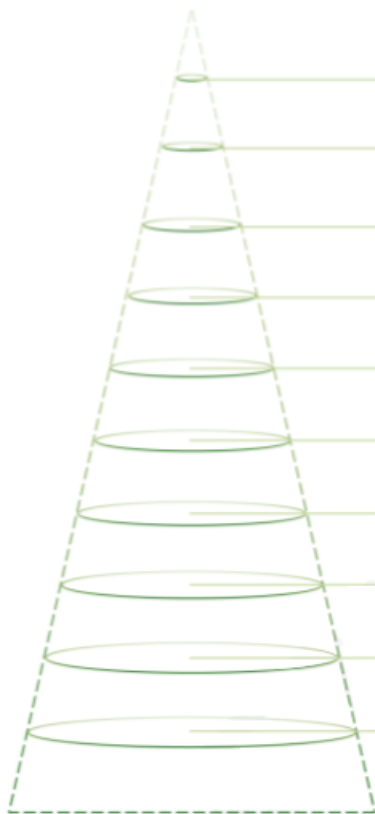
## PHOTOMETRY

### Luminous Intensity Distribution

	Beam Angle (50% I <sub>max</sub> ):	Field Angle (10% I <sub>max</sub> ):
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	Diameter (cm)	E <sub>avg</sub> (lx)	E <sub>max</sub> (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