

40W LED Flood Light / Surface Mount Canopy



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:

Jaykal's LED Flood Lights are engineered to meet your most demanding lighting needs. Constructed from high pressure die-cast aluminum alloy and tempered glass, these fixtures are tough. We recommend these for rugged environments requiring fixtures to withstand punishment that would quickly take a toll on conventional fixture construction.

FEATURES & BENEFITS:

- ◆ Wattage Available: 20W/40W/80W/100W/120W/185W
- ◆ CCT: 3000K/4000K/5000K/5700K
- ◆ LM-79, LM-80, ISTMT and TM-21 available
- ◆ Class 1 Division 2 Rating, Group A, B, C, D, E
- ◆ Near Zero maintenance
- ◆ Lights turn on instantly without any warm-up time
- ◆ Compatible with controls and sensors for add. energy savings
- ◆ Optional: Bi-Level Dimming
- ◆ Finishes: White/Grey/Brown/Custom
- ◆ Anti-Explosive Finishes: Yellow
- ◆ Lens Finish Options: Clear, Frosted
- ◆ Lens Shape Options: Flat, Round
- ◆ Optional: Wire Mesh Safety Guard
- ◆ 5 Year Warranty



BUY AMERICAN & ARRA
COMPUANT AVAILABLE



RoHS
Compliant



E480387

5 YEAR STANDARD WARRANTY—EXTENDED WARRANTIES AVAILABLE

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Specifications are typical values and may change without notification

efficiency. illuminated.

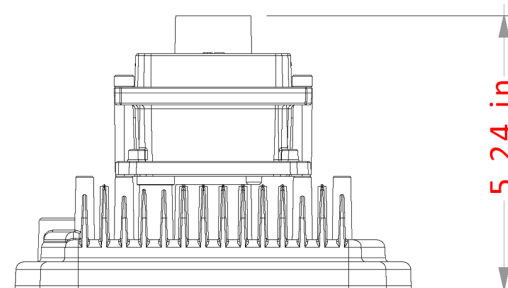
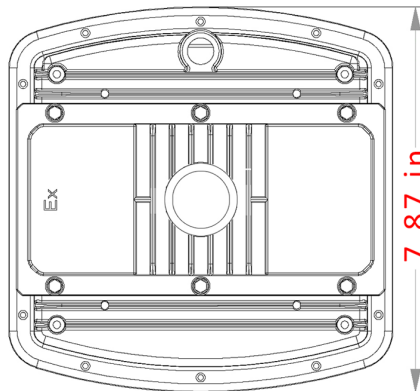
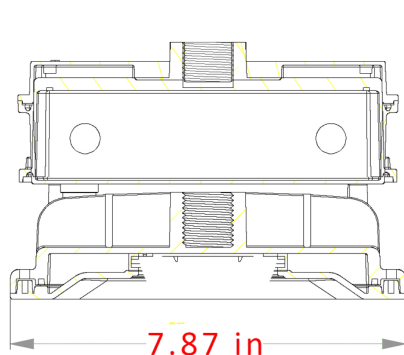
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SPECIFICATIONS TABLE

Watt	40W	Lumens	3,398 lm	Efficacy	79 lm/W
Input Voltage	100-277VAC 50/60hz	Power Factor	0.99	CRI	~ 70
THD	< 10 %	CCT	3000K / 4000K / 5000K / 5700K		
Life (L70)	60,000 hours	Illumination Angle	120°	Operational Temperatures	-40°C — 50°C
Housing Finish	White/Grey/Brown/	Lens Finish	Clear/Frost	HazLoc Rating	C1D2
Housing Material	Die-cast Aluminum	Lens Material	Toughened Glass	Environment	Dry & Wet Locations
Weight	8.8 lbs. / 4 kg	Dimensions	7.87 x 7.87 x 5.24 in / 200 X 200 X 133 mm		
UL File No	E480387	Warranty	5 Years		



ORDERING GUIDE

MODEL NUMBER	-	FINISH	-	CCT	-	LENS FINISH	-	LENS TYPE	-	SAFETY COVER	-	NPT
JLS-J40S-NSC		W = White		30K = 3000K		C = Clear		F = Flat		W = Wire Mesh		NPT = 3-Port NPT
		G = Grey		40K = 4000K		F = Frosted		R = Refractor/Round				
		B = Brown		50K = 5000K								
		C = Custom		57K = 5700K								

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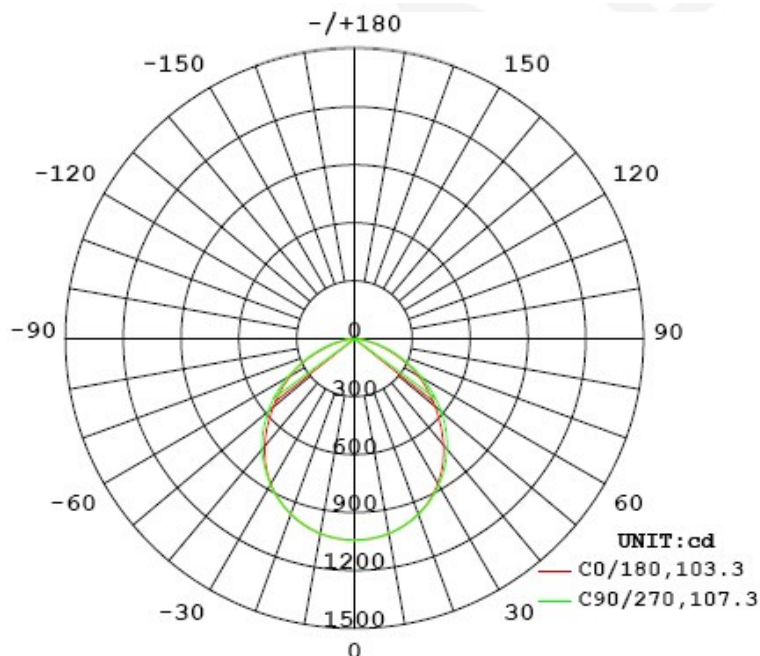
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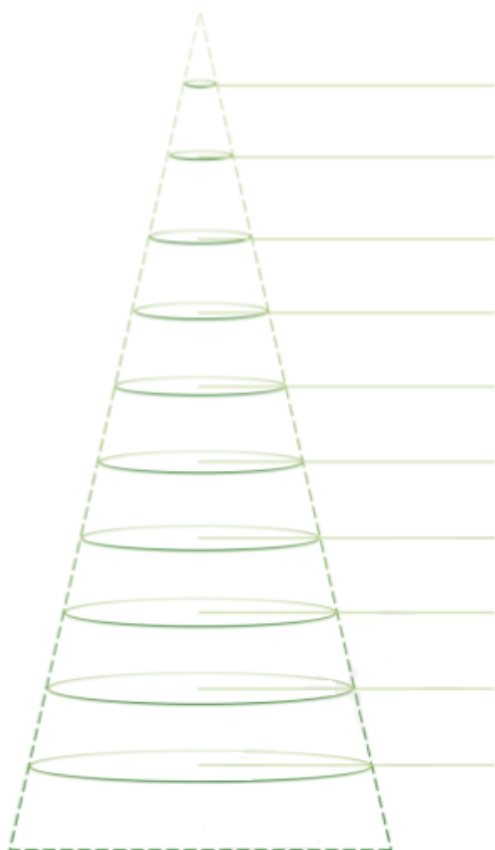
PHOTOMETRY

Luminous Intensity Distribution

	Beam Angle (50% I _{max}):	Field Angle (10% I _{max}):
C0/180	103.3	152.9
C45/225	106.6	153.8
C90/270	107.3	155.8
C135/315	106.5	153.5
AVG.	105.9	154.0



Angle: 105.9 ° . Flux out: 1958.0 lm.



Height (m)	Diameter (cm)	E _{avg} (lx)	E _{max} (lx)
0.5	132.46	1416.0	4173.0
1.0	264.93	353.9	1043.0
1.5	397.39	157.3	463.6
2.0	529.86	88.5	260.8
2.5	662.32	56.6	166.9
3.0	794.78	39.3	115.9
3.5	927.25	28.9	85.2
4.0	1059.71	22.1	65.2
4.5	1192.17	17.5	51.5
5.0	1324.64	14.2	41.7