

20W 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.

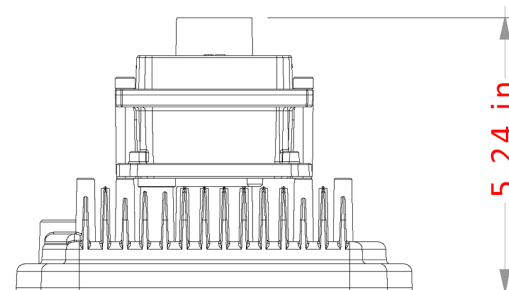
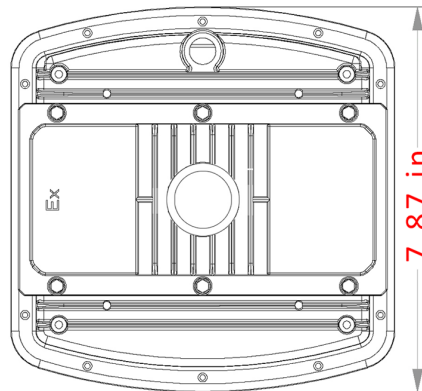
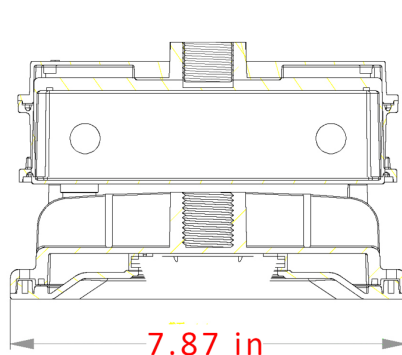
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SPECIFICATIONS TABLE

Watt	20W	Lumens	1,520 lm	Efficacy	73 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/Custom	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-J40-NSC-D20W	W = White G = Grey B = Brown C = Custom	30K = 3000K 40K = 4000K 50K = 5000K 57K = 5700K	C = Clear F = Frosted	F = Flat R = Refractor/Round	W = Wire Mesh	NPT = 3-Port NPT

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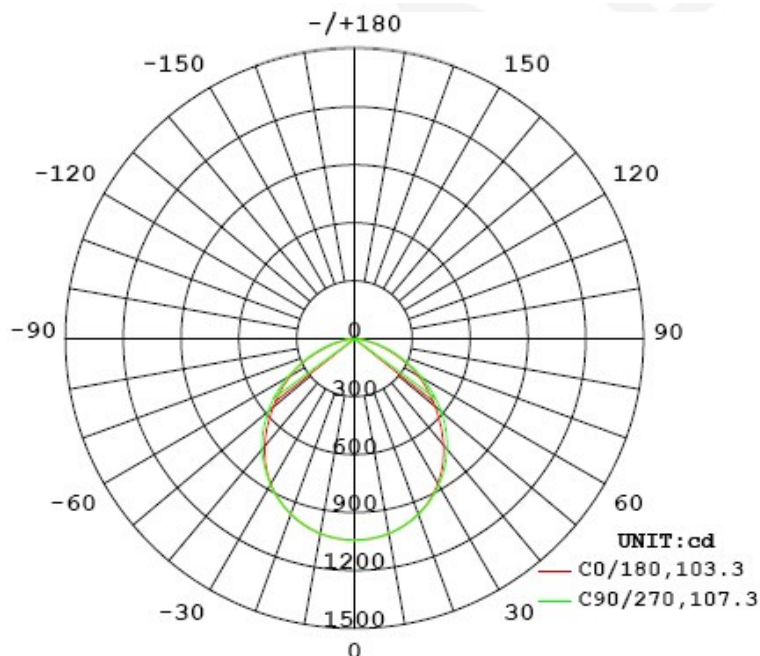
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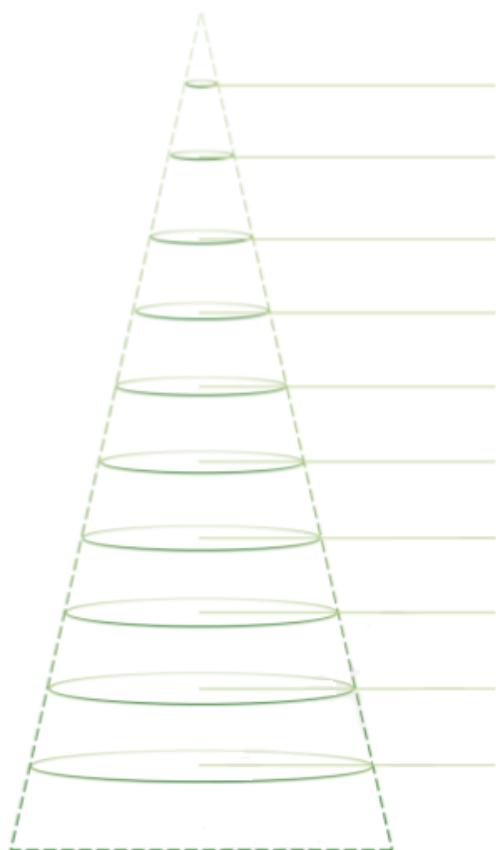
PHOTOMETRY

Luminous Intensity Distribution

	Beam Angle	Field Angle
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)	Eavg (lx)	Emax (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