

30W-200W G3 FLOOD LIGHT



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

FEATURES & BENEFITS:

- ◆ Cree Nichia LEDs Offer High Luminous Efficiency and Long Life.
- ◆ Lumen Package: 130lm/W
- ◆ High Efficiency LED Driver
- ◆ Available with 100-240VAC / 100-277VAC / 200-480VAC Input
- ◆ Cast Aluminum Construction Provides Superior Cooling
- ◆ Excellent Optical Design Optimizes Light Utilization and Distribution.
- ◆ 0-10V Dimming (Option)
- ◆ Photocell Control Available (Option)
- ◆ Beam Angles Available: 60° or 75x135°
- ◆ 180° Rotatable Bracket



PRODUCT APPLICATIONS

JAYKAL LED Flood Lighting can be widely used in outdoor lighting locations. Ideal for wet locations requiring IP65 protection, they provide an excellent solution for applications such as architectural up lighting, sign illumination and landscape lighting.



RoHS
Compliant



BAA
Compliant
Available

5 YEAR STANDARD WARRANTY—10 YEAR WARRANTY OPTION

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

Specifications are typical values and may change without notification

efficiency. illuminated.

30W-200W G3 FLOOD LIGHT

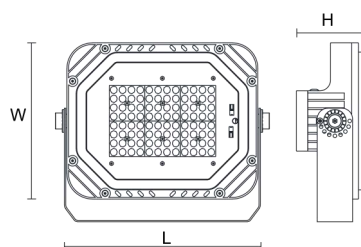


JAYKAL



Model	G3FL-30	G3FL-60	G3FL-80	G3FL-100	G3FL-150	G3FL-180	G3FL-200
Wattage	30W	60W	80W	100W	150W	180W	200W
LED Qty. & Current	32@140mA	64@140mA	96@125mA	144@100mA	192@117mA	240@110mA	240@125mA
Input Voltage	100-240VAC / 100-277VAC / 200-240VAC 50/60Hz						
LED Brand	Nichia / Philips Lumileds 3030						
Dimming (Optional)	0-10V						
Max. Current @ 120V	0.25A	0.5A	0.67A	0.83A	1.25A	1.5A	1.67A
Max. Current @ 208V	0.14A	0.29A	0.38A	0.48A	0.72A	0.86A	0.96A
Max Current @ 240V	0.125A	0.25A	0.33A	0.42A	0.625A	0.75A	0.83A
Max Current @ 277V	0.108A	0.22A	0.29A	0.36A	0.24A	0.65A	0.7A
Operating Temperature	-40°C to +50°C						
Power Factor (PF)	>0.95						
THD	20%						
Lumen Output (+/- 5%)	3,900lm	7,800lm	10,400lm	13,000lm	19,500lm	23,400lm	26,000lm
Luminaire Efficacy (+/- 5%)	130lm/W	130lm/W	130lm/W	130lm/W	130lm/W	130lm/W	130lm/W
Beam Angle	60° / 75x135°						
CRI	>70						
CCT	3000K / 4000K / 5000K / 5700K						
Rating	IP65						
Housing Material	Die-cast Aluminum and Tempered Glass						
Mounting	U-Bracket						
Accessories (Optional)	Motion Sensor						
Housing Color	Black / Gray						
L70 Hours	>75,000 Hours L70 at 25°C						
Certifications	UL,DLC,TUV,CE,ROHS						

DIMENSIONS



Wattage	30W	60W	80W	100W	150W	180W	200W
"L" Length	6.61 in.	5.47 in.	5.47 in.	14.14 in.	14.14 in.	16.22 in.	16.22 in.
"W" Width	5.12 in.	9.92 in.	9.92 in.	11.02 in.	11.02 in.	12.60 in.	12.60 in.
"H" Height	2.72 in.	3.67 in.	3.67 in.	4.36 in.	4.36 in.	4.96 in.	4.96 in.
Weight	3.09 lbs.	9.04 lbs.	9.48 lbs.	14.33 lbs.	15.21 lbs.	18.62 lbs.	18.76 lbs.

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

Specifications are typical values and may change without notification

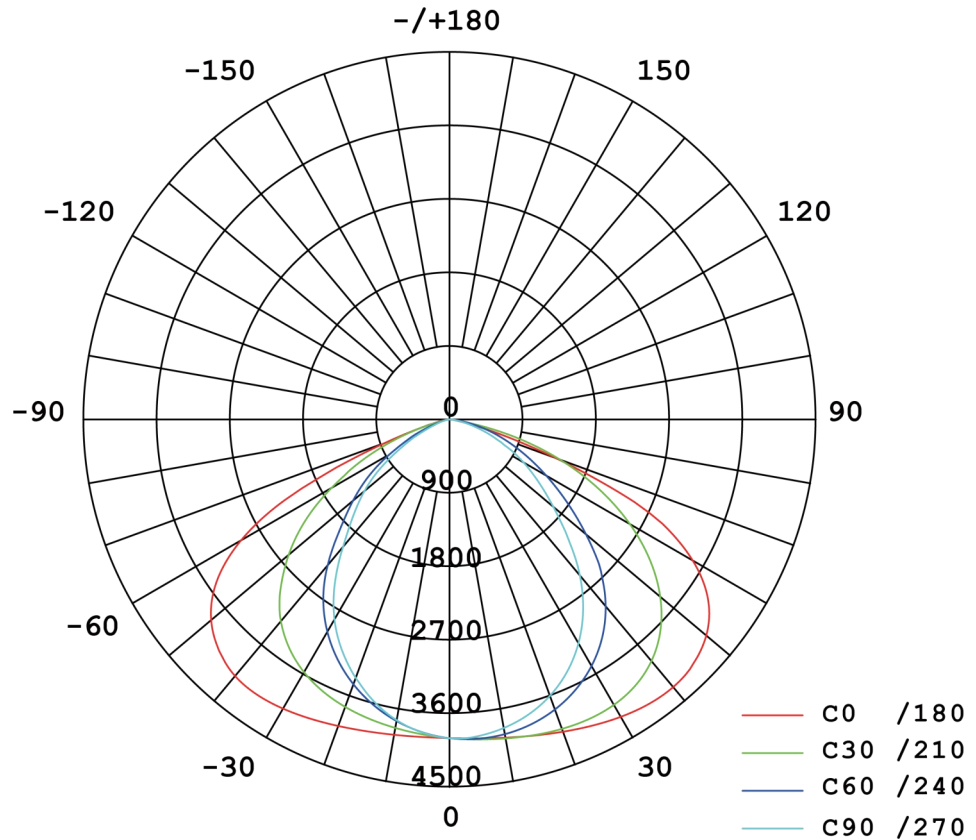
efficiency. illuminated.

30W-200W G3 FLOOD LIGHT



JAYKAL

PHOTOMETRICS



LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (54,000 Hours)	Calculated L70 (Hours)
25°	78.05%	82,000
40°	78.99%	79,000
50°	78.49%	75,000

ORDERING GUIDE

EXAMPLE: JLS68103-G3FL-200-277-57K-B-60-PC

MODEL	-	WATTAGE	VOLTAGE	-	CCT	-	FINISH	-	Beam Angle	-	CONTROL
JLS68103-G3FL		30 = 30W	240 = 100-240VAC		40K = 4000K		B = Black		60 = 60°		BLANK = None
		60 = 60W	277 = 120-277VAC		57K = 5700K		G = Gray		75 = 75x135°		M = Motion
		80 = 80W	480 = 200-480VAC		65K = 6500K		C = Custom				PC = Photo Cell
		100 = 100W									
		150 = 150W									
		180 = 180W									
		200 = 200W									

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

Specifications are typical values and may change without notification

efficiency. illuminated.



JAYKAL LED Products
Ten (10) YEAR LIMITED WARRANTY

FOR EDUCATIONAL INSTITUTIONS, GOVERNMENTAL AND PROFESSIONAL CUSTOMERS AND APPLICATIONS ONLY

Jaykal LED Solutions, Inc. ("Seller") warrants that its retrofit kits listed on Seller's invoice reflecting its original purchase (the "Products") will be free from defects in material and workmanship for the applicable period expressed in years or hours, whatever comes first, subject to the terms and conditions herein. The Seller is Jaykal LED Solutions, Inc. identified as such on the invoice. Seller warrants that the Product, when delivered in new condition and in its original packaging, will be free of defects in material and workmanship for a period of ten (10) YEARS from the date of original purchase. This limited warranty may not be transferred to subsequent purchasers of the Product. The Product will be deemed defective when there is no light being produced by the Linear LED.

If Seller determines the Product is defective, Seller will elect, in its sole discretion, to repair the Product, replace the Product or to grant purchaser credit for a future Product purchase. All components and fixtures determined to be covered by this warranty as provided above, will be repaired or replaced at no charge to the customer. Seller reserves the right to utilize new, reconditioned, refurbished, repaired or remanufactured products or parts in the warranty repair or replacement process. Such products and parts will be comparable in function and performance to an original product or part, as determined by Seller in its sole discretion, and warranted for the remainder of the original warranty period.

This limited warranty will not apply to loss or damage to the Product caused by: negligence; abuse; misuse; mishandling; improper installation, storage or maintenance; damage due to fire or acts of God; vandalism; civil disturbances; power surges; improper power supply; electrical current fluctuations; corrosive environment installations; induced vibration; harmonic oscillation or resonance associated with movement of air currents around the Product; alteration; accident; failure to follow installation, operating, maintenance or environmental instructions prescribed by Seller or applicable electrical codes; or improper service of the Product performed by someone other than Seller or its authorized service provider. THIS LIMITED WARRANTY IS VOID IF THE PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH IT IS DESIGNED.

This limited warranty only applies to the below listed Products registered with Jaykal as part of an installation project. To register Products, contact Jaykal with proof of purchase within thirty (60) days from date of installation by fax at: (302) 295-0016 or by mail at: Jaykal LED Solutions, Inc. ATTN: Warranty Claims, 21499 Baltimore Avenue, Georgetown, DE 19947.

LED PRODUCT MODEL	WARRANTY PERIOD
JLS68103-G3SL Streetlight Series	10 Years from Delivery Date
JLS68103-G3FL Flood Light Series	10 Years from Delivery Date



JAYKAL LED Products
Ten (10) YEAR LIMITED WARRANTY

FOR COMMERCIAL, INDUSTRIAL, GOVERNMENTAL AND PROFESSIONAL CUSTOMERS AND APPLICATIONS ONLY
(CONTINUED PAGE 2 OF 2))

In order to make a warranty claim, you must notify Seller in writing within sixty (60) days after your discovery of the defect, provide proof of purchase such as the invoice and comply with Seller's other warranty requirements. Upon receiving that notice, Seller may require you to promptly return the Product to Seller, or its authorized service provider, freight prepaid. To file a warranty claim, contact Jaykal LED Solutions, Inc. by fax at: (302) 295-0016 or by mail at: Jaykal LED Solutions, Inc. ATTN: Warranty Claims: 21499 Baltimore Avenue, Georgetown, DE 19947.

THE FOREGOING WARRANTY PROVISIONS ARE EXCLUSIVE AND ARE GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY AGAINST INFRINGEMENT AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL SELLER BE LIABLE FOR INCIDENTAL, COMPENSATORY, CONSEQUENTIAL, INDIRECT, SPECIAL OR OTHER DAMAGES. SELLER'S AGGREGATE LIABILITY WITH RESPECT TO A DEFECTIVE PRODUCT SHALL IN ANY EVENT BE LIMITED TO THE MONIES PAID TO SELLER FOR THAT DEFECTIVE PRODUCT.

This warranty is effective for purchases of Product on or after the effective date set forth below. Seller reserves the right to modify this warranty from time to time. Any modification of this warranty shall be effective for all orders placed with Seller on or after the effective date of such revised warranty. Under no circumstances shall the above warranty on any LED product exceed the lesser of ten (10) years or the rated hours of operation, whichever comes first.

Effective Date: TBD

Municipal District: Jamestown, RI - Streetlight Project

Installing Contractor: PowerSecure, Inc.