

240W-1420W SPORTS LIGHT INTEGRATED DRIVER



JAYKAL

PROJECT NAME:

JAYKAL LED SOLUTIONS, INC.

www.jaykal.net

PROJECT NOTES:

21499 Baltimore Ave.

Georgetown, DE 19947

(P) 302-295-0015 (F) 302-295-0016

FEATURES & BENEFITS

- ◆ Wattages: 240W-1420W
- ◆ CCT: 3000K, 4000K, 5000K, 5700K
- ◆ 137-153LM/W
- ◆ 100V-277VAC / 347V-480V
- ◆ IP Rating: IP66
- ◆ Impact Rating: IK10
- ◆ Aluminum Powder Coated Fixture
- ◆ Meets 3G Vibration Standards
- ◆ Finish: Bronze
- ◆ 5 Year Warranty, 10 Year Available



RoHS 
Compliant

Revised 5/8/23

Specifications are typical values and may change without notification

efficiency. illuminated.

240W-1420W SPORTS LIGHT INTEGRATED DRIVER



JAYKAL

SPECIFICATIONS TABLES														
JLS68103-HPAL	240	320	410	480	535	550	600	735	790	937	1080	1200	1420	
INPUT VOLTAGE	100-277VAC / 347-480VAC													
WATTAGE	240W	320W	410W	480W	510W	550W	600W	735W	760W	937W	1,080W	1,150W	1,420W	
EFFICACY	148 LM/W	150LM/W	143LM/W	138 LM/W	136LM/W	146LM/W	144LM/W	137 LM/W	137LM/W	144LM/W	140LM/W	137LM/W	129LM/W	
LUMENS	35,520 LM	48,000 LM	58,630 LM	66,240 LM	69,360 LM	80,300 LM	86,400 LM	100,695 LM	104,120 LM	134,928 LM	151,200 LM	157,550 LM	183,180 LM	
L70 HOURS	50,000 @ 25°C													
POWER FACTOR	>0.95													
CRI	70 (Std.) 80/90 Optional													
THD	<20%													
CCT	4000K/5000K/5700K													
OPERATIONAL TEMP.	-40°C - 40°C													
DIMMING CONTROL	1-10V@100-277V / 0-10V@347-480V													
OPTICS	16°/40°/60°/90°									16°/40°/60°		10°		
IP RATING	IP66													
HOUSING MATERIAL	A1070 Pure Aluminium with 223 watt/meter/K [W/(m-K)]													
WEIGHT	29.54 lbs.	30.36 lbs.	32.12 lbs.	32.18 lbs.	32.56 lbs.	42.02 lbs.	42.24 lbs.	44.31 lbs.	44.44 lbs.	62.70 lbs.	69.30 lbs.	70.4 lbs.	84.7 lbs.	
SURGE PROTECTION	20kV/40kV													
EPA RATING	0.87 ft ²					1.07 ft ²				1.26 ft ²			1.86 ft ²	
CERTIFICATIONS	UL/DLC/CE/ENEC/ROHS													
FCC COMPLIANCE	FCC 47, CFR Part 18													

Specifications are typical values and may change without notification

efficiency. illuminated.

240W-1420W SPORTS LIGHT INTEGRATED DRIVER



JAYKAL

ORDERING GUIDE		EXAMPLE: JLS68103-HPAL-300-277-740K-BR-40-5-D-S-V-I-A					
MODEL	WATTAGE	VOLTAGE	CCT	FINISH	BEAM ANGLE	LED	OPTIONS
JLS68103-HPAL	240 = 240W 320 = 320W 410 = 410W 480 = 480W 535 = 510W 550 = 550W 600 = 600W 735 = 735W 790 = 760W 937 = 937W 1080 = 1080W 1200 = 1150W 1420 = 1420W	277 = 100-277VAC 480 = 347-480VAC	730K = 3000K 740K = 4000K 750K = 5000K 757K = 5700K	BR = Bronze (Std.) WH = White BK = Black	<u>240W-535W</u> 16 = 16° 40 = 40° 60 = 60° 90 = 90° <u>550W-790W</u> 16 = 16° 40 = 40° 60 = 60° <u>937W-1200W</u> 16 = 16° 40 = 40° 60 = 60° <u>1420</u> 10 = 10°	5 = CREE	D = 1-10V Dimming (100-277V) or 0-10V Dimming (347-480V) PC = Photocell S = Surge Protector V = Visor I = Integrated Driver (Std.) A = Type A Ventilation Ring B = Type B Ventilation Ring Blank = No Options

ACCESSORIES		
DESCRIPTION	PART NUMBER	NOTES
VISOR	HPAL - VISOR	Light Visor.
LASER AIMING DEVICE	HPAL - LASER	Laser Aiming Tool

Specifications are typical values and may change without notification

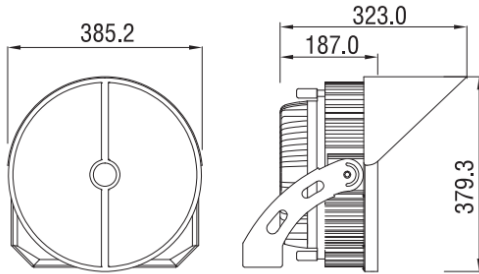
efficiency. illuminated.

240W-1420W SPORTS LIGHT INTEGRATED DRIVER

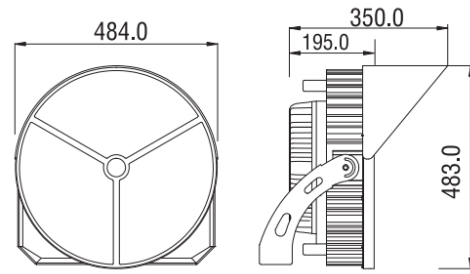


JAYKAL

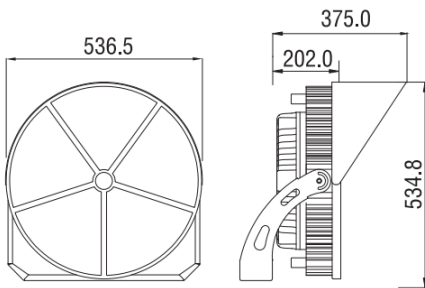
DIMENSIONS (Unit : mm)



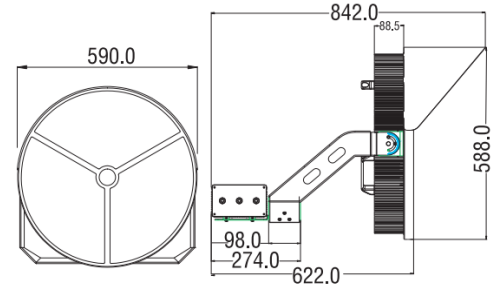
240W - 535W



550W - 790W

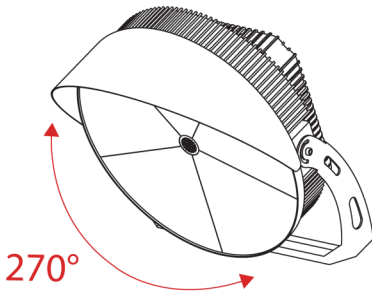


937W - 1200W

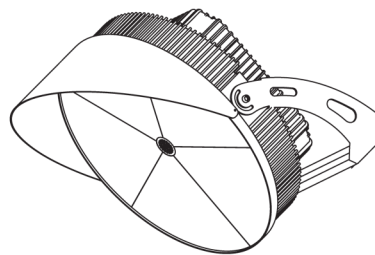


1420W

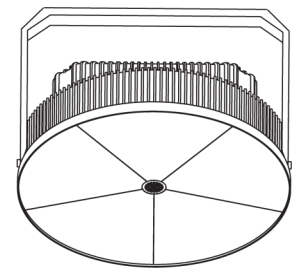
MOUNTINGS



HORIZONTAL MOUNT



VERTICAL MOUNT



CEILING MOUNT

Specifications are typical values and may change without notification

efficiency. illuminated.