

J
SERIES

QUALITY YOU CAN **TRUST**



RoHS
Compliant

IP66

LUMILEDS
The Brighter Choice

INVENTRONICS
LED DRIVER inside

5 YEAR
WARRANTY

LED PROJECTOR LIGHTS



Overview

The KULON® J-Series LED projector lights are using LUMILEDS® LUXEON TX luminous source, providing excellent lumen output, long-lifespan stability and splendid sight.

The KULON® J-Series LED projector lights are using high-end LED driver with long lifespan. Provide 5 years warranty on luminaire.

Color Options

➡ Black

LED LUMINOUS SOURCE



LED DRIVER

INVENTRONICS EUC Series LED driver, integrate 0-10V dimming function and 4KV /6KV surge protection. Provide excellent performance and lifespan.

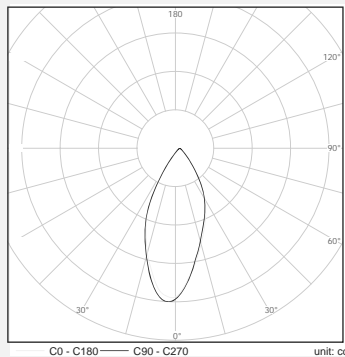
OPTIMAL HEAT RADIATION

Excellent thermal management system and heat radiation enable the LEDs consistently work cooler, providing significant boosts to lifetime and efficacy.

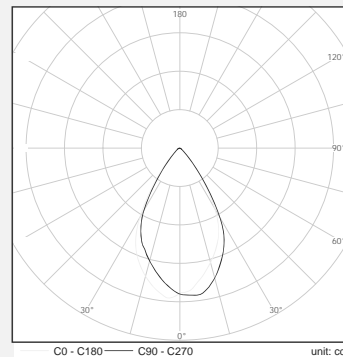


Reference Only

Beam Angle 45°



Beam Angle 60°



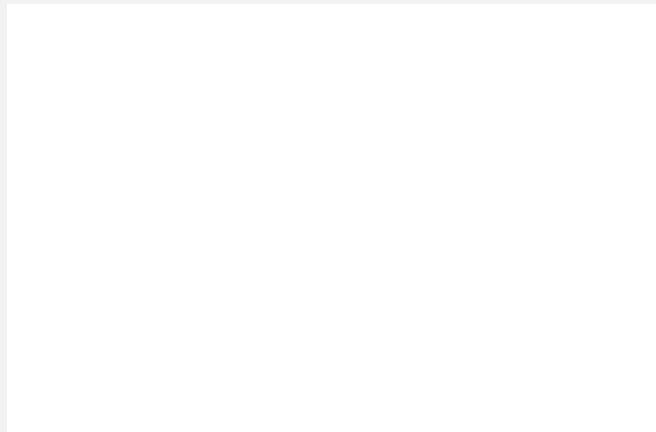
- Application:
1. Court, Training Ground
 2. School, Community
 3. Square, Stadium
 4. Area Lighting

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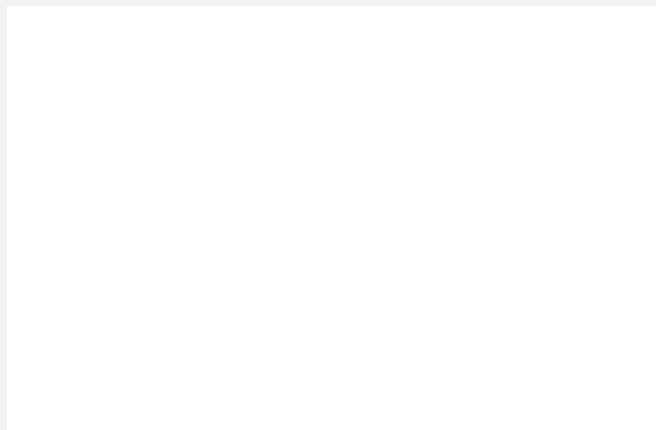


Detailed Features

Unique embossing lens and projector design, better performance for industrial lighting.



Utilize M12 waterproof connector to ensure the safety of internal luminous source.



Use waterproof connector to fix the input cables, ensure product safety.

360° adjustable bracket, can be adjusted to any precise angle.

Neat inner cavity structure, ensure the thermal conduction of LED driver.

Entirely made in aluminium, not only exquisite appearance, but also no corrosion concerns.

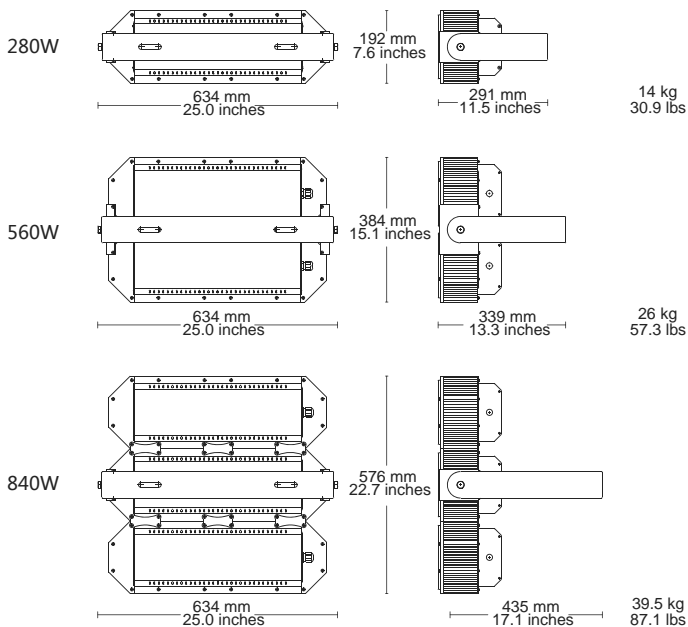
DETAILED FEATURES

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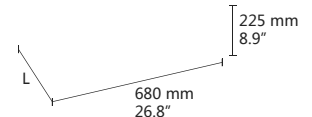
Product	K-FL280WJ	K-FL560WJ	K-FL840WJ
Nominal Wattage	280W	560W	840W
LED Working Current	700 mA	700 mA	700 mA
Input Voltage	100-240V /277V AC, 50/60Hz	100-240V /277V AC, 50/60Hz	100-240V /277V AC, 50/60Hz
Dimming	0(1)-10V	0(1)-10V	0(1)-10V
Max. Current @ 208V	2.88 A	5.76 A	8.64 A
Max. Current @ 240V	1.44 A	2.88 A	4.32 A
Max. Current @ 277V	1.25 A	2.5 A	3.75 A
Operating Temperature	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C
Power Factor (PF)	> 0.95	> 0.95	> 0.95
Total Harmonic Distortion (THD)	< 20%	< 20%	< 20%
Lumen Output(+/- 5%)	31360 lm	62720 lm	94080 lm
Beam Angle	45°, 60°	45°, 60°	45°, 60°
CRI	Minimum 70 CRI	Minimum 70 CRI	Minimum 70 CRI
CCT	3000K 4000K 5000K 5700K	3000K 4000K 5000K 5700K	3000K 4000K 5000K 5700K
Rating	IP66	IP66	IP66
Heat Radiator	Stretched Aluminium Alloy	Stretched Aluminium Alloy	Stretched Aluminium Alloy
Lens	PC	PC	PC
Packaging Type	1 unit /ctn.	1 unit /ctn.	1 unit /ctn.

PRODUCT DATA



PACKAGING DATA

Nominal Wattage	280W	560W	840W
"L" Length	380 mm 15.0"	520 mm 20.5"	710 mm 28.0"
Weight	15.5 kg 34.2 lbs.	28.5 kg 62.8 lbs.	43 kg 94.8 lbs.



LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Theoretical L70 (Hours)
25°C	94.01%	244,000

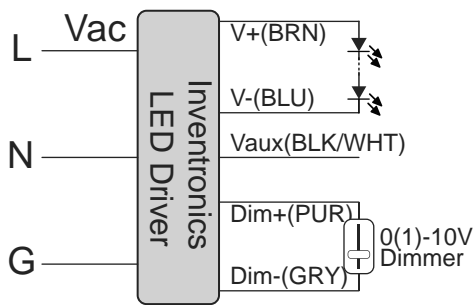
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Dimming

† 0(1)-10V Dimming

The recommended implementation of the dimming control is provided below.



Io/Iomax vs. Dimming Voltage

Notes:

1. The dimmer can also be replaced by a 0-10V voltage source signal or passive components like resistors and zener.
2. Do NOT connect Dim to the output V- or V+, otherwise the driver will not work properly.
3. If dimming is not used, Dim + should be open or connect to Vaux.

AFTER-SALE SERVICE

Hangzhou KULON Technology Co., Ltd (“KULON”) warrants this KULON-branded hardware product against defects in materials and workmanship under normal use for a period of FIVE (5) YEAR from the date of purchase. KULON provides free repair or replacement within warranty period. KULON shall charge against defeats by abnormal storage, usage, connection or change the structure or any components of the product.

*Damage by thunder stroke over 10KV(L,N to FG) /6KV(L to N) will not covered by warranty based on IEC61000-4-5.

The product (LED lighting equipment, electrical , electronic equipment) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

- Features and specifications are subject to change without notice.
- The product color may be different with actual due to discrepancy of camera or screen image.
- kulon () is a trademark of kulon Tech. All other trademarks are trademarks of their respective owners.

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