

NexusLED®
Simpler is Better

OUTDOOR LIGHTING
LED Floodlight **FLTU Series**

LED Floodlight FLTU Series

The FLTU-2 Series is a high-wattage LED floodlight engineered for demanding environments that require powerful, uniform lighting. Designed specifically for stadiums, football fields, tunnels, and other large-scale facilities, the FLTU-2 Series delivers exceptional brightness, superior beam control, and long-lasting reliability.

With precision optics and robust construction, it ensures optimal visibility and safety for both players and spectators, while maintaining energy efficiency. The FLTU-2 Series is built to perform under all weather conditions, making it the trusted choice for professional and industrial lighting projects.



Application areas

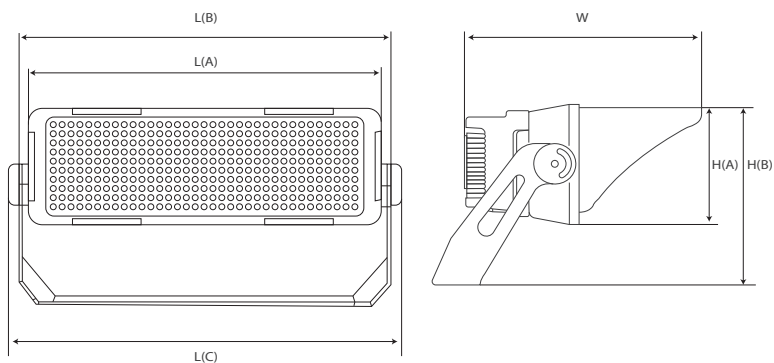
Sign board lights, compound lightings, stadiums, football fields, tunnels, and other large-scale facilities

Product Specifications

AC Input: 100 ~ 240Vac	Lifetime (typical): 54,000 hours at ta 25°C
Power Factor: >0.9	LED Lumen Maintenance: LM80
Color Temperature: 4000K (available in 3000K, 5700K)	Electrical Safety: Class I
Color Rendering Index (CRI): >70	Compliant: IEC, SIRIM
Beam Angle: 120°(available 10°/15°/30°/60°/90°)	Heatsink material: Die-cast Aluminium
Operating Temperature: -20°C ~ +50°C	Luminaire Cover Material: PC Lens
Storage Temperature: -20°C ~ +80°C	IP Rating: IP66

Model	System Power	Luminaire Efficacy Rating(LER)	Luminous Flux (Initial Lumens)
FLTU-2-400W	400W+/-20W	>145 lm/W	58,000lm
FLTU-2-500W	500W+/-20W	>167 lm/W	81,900lm
FLTU-2-600W	600W+/-20W	>130 lm/W	83,500lm
FLTU-2-800W	800W+/-20W	>150 lm/W	121,000lm
FLTU-2-1000W	1000W+/-20W	>146 lm/W	146,000lm
FLTU-2-1200W	1200W+/-20W	>130 lm/W	161,000lm
FLTU-2-1500W	1500W+/-20W	>140 lm/W	210,000lm
FLTU-2-1800W	1800W+/-20W	>140 lm/W	252,000lm

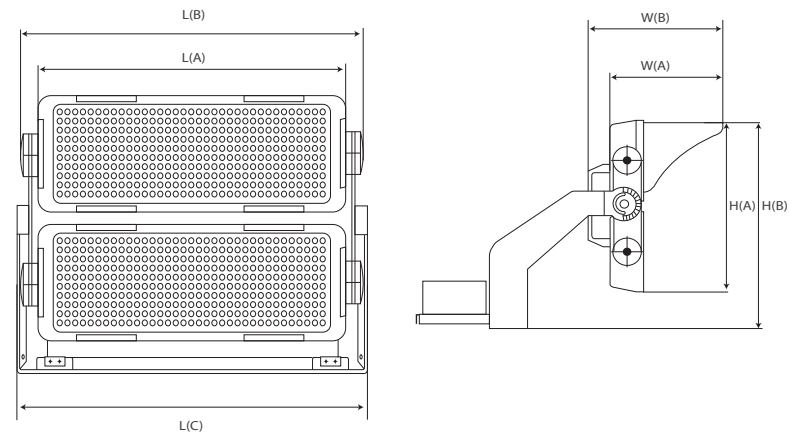
Dimension



FLTU-400W/500W/600W

Size	L(A)	L(B)	L(C)	W	H(A)	H(B)
mm	563.6	584	594	373.22	191.57	287.46

Weight	15kg
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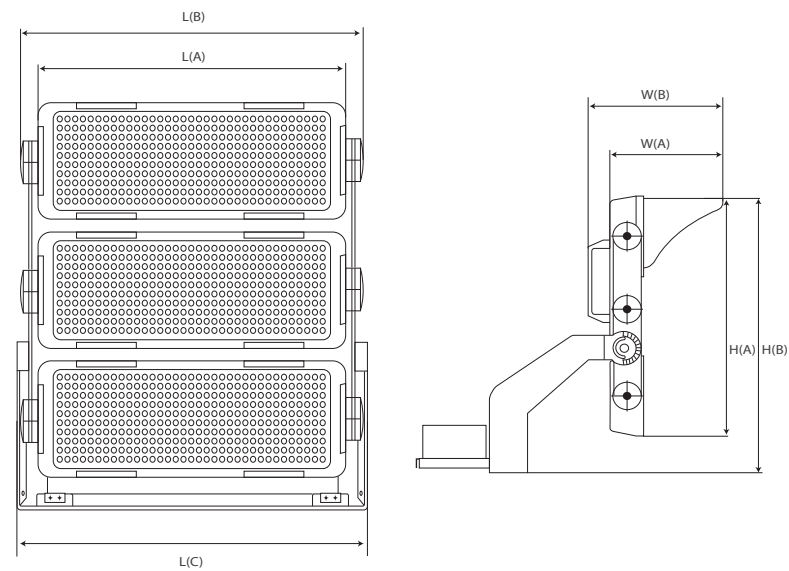


FLTU-800W/1000W/1200W

Size	L(A)	L(B)	L(C)
mm	563.6	623.05	638

Size	W(A)	W(B)	H(A)	H(B)
mm	270.5	322.41	411.43	500.98

Weight	28kg
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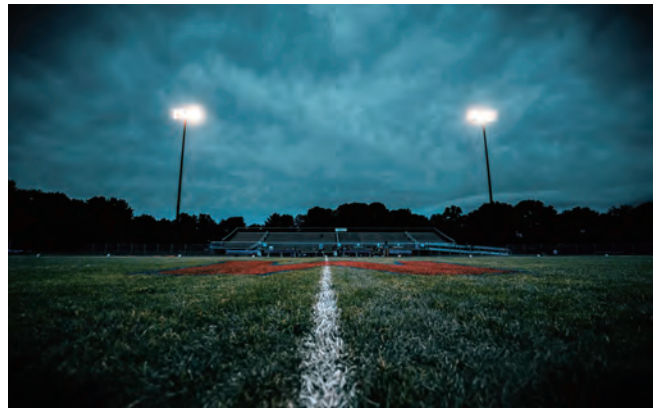
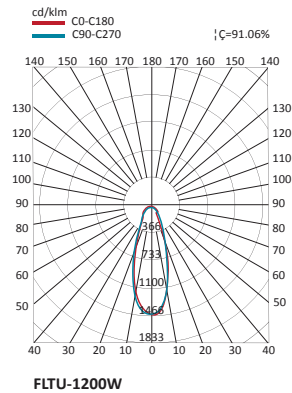
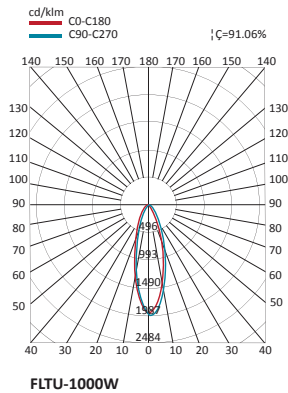
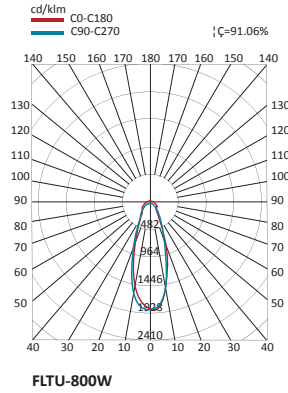
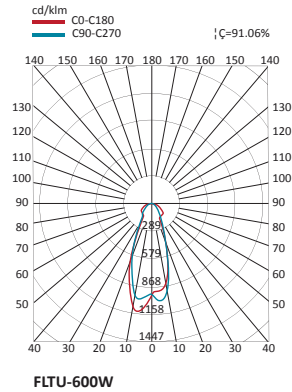
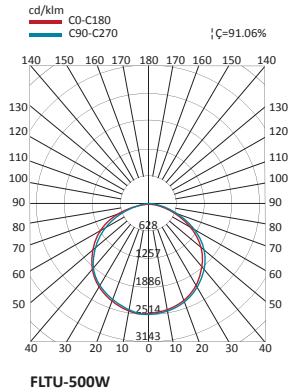
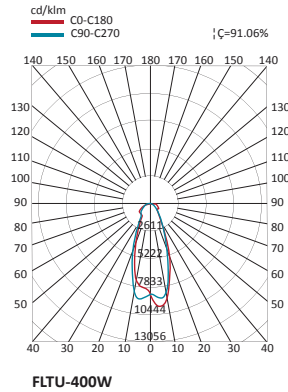
FLTU-1500W/1800W

Size	L(A)	L(B)	L(C)
mm	563.6	623.05	638

Size	W(A)	W(B)	H(A)	H(B)
mm	270.5	322.41	631.57	721.12

Weight	45kg
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Photometry



No. 32-40, Jalan Sri Sulong Selatan, Taman Perindustrian Sri Sulong, 83000 Batu Pahat, Johor, Malaysia Tel: +607-4102 159 Fax: +607-4102 206

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