

CP-HF- Series Flood Luminaire



MODEL No. CP-HF120
(shown)



“Let us help light your way!”

Product Specifications

Series CP-HF **LED FLOOD LIGHTS / Luminaire's**



Overview

New, built-in driver design. Clean and simple in appearance.

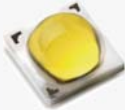
Calima's CP-HF Series LED luminaire use high efficient LUMILEDS®

Luxeon TX luminous source and highly reliable HLG Series Mean Well® driver.

Colour Options

Silver / Gray

LED LUMINOUS SOURCE



Greater than 135lm/W high efficacy, illumination grade LED light source.



LED DRIVER (Two options)

+ NON-DIMMABLE



High-end Mean Well HLG Series LED driver, optimal stability, performance and lifespan.

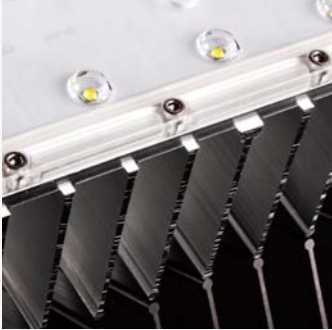
+ DIMMABLE

INVENTRONICS High-end programmable LED driver, integrate dimming function and 6KV /10KV surge protection. Provide excellent performance and lifespan.

LED MODULE

Great design with good thermal dissipation and IP67 weather performance!

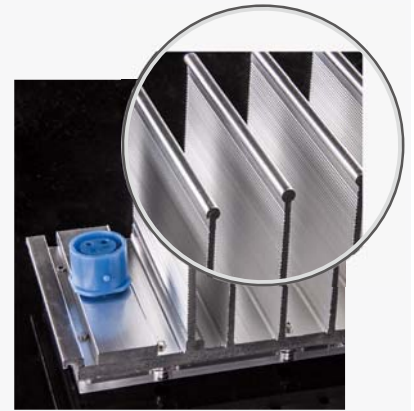




Overall stainless steel screws adopted.

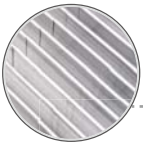


Black & Silver Color Modules.

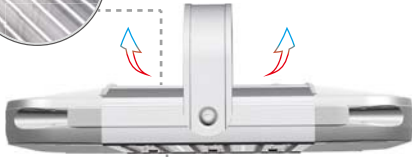


Cylindrical edge design, avoid cut risk.

XTREME LUMINAIRE DESIGN



Reasonable heat sink design, not only keep ventilation but also avoid laceration.



Gaps between each module are increased heat dissipation speed and solved the problem of dust deposition.



Features:

Professional lens design, with 60°, 90°, 110°, optional.



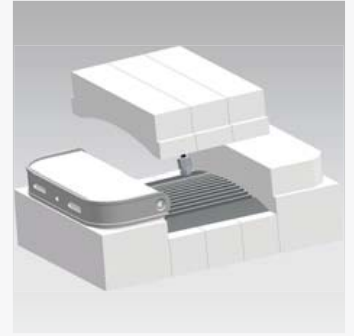
M16 Water proof connector.



Full aluminum housing. Good heat dissipation and corrosion protection.



Part specific packaging, for high protection during shipping & handling.



Safe: Internal waterproof connector. Convenient & Fast

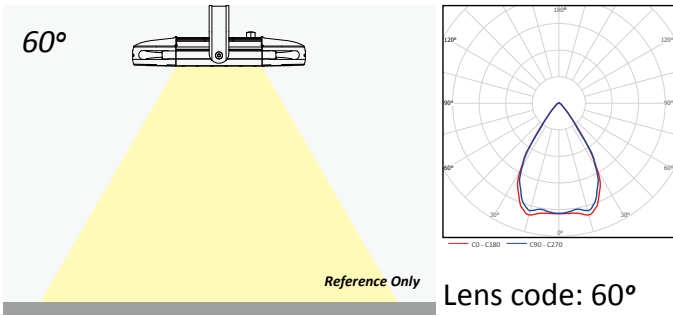
Innovation: Pluggable connections. Clean and efficient

UL standard connections

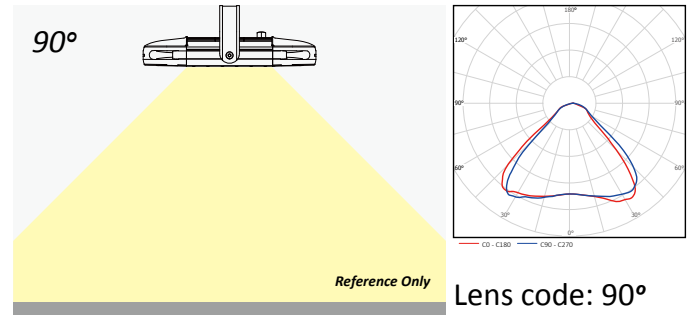
Full aluminum, mounting bracket.



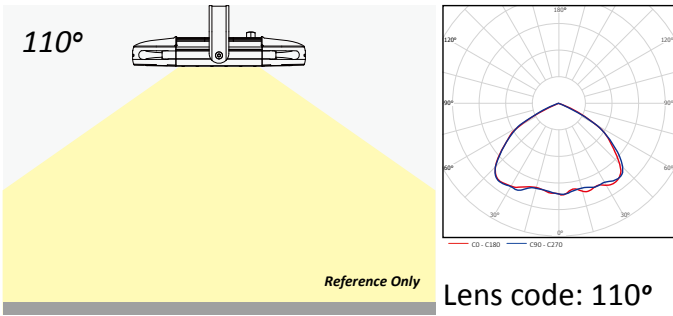
Optics:
Type: CP-HF Series



Applications:
Billboard | Area Lighting | Architecture Lighting | Landscape Lighting



Applications:
Billboard | Area Lighting | Architecture Lighting | Landscape Lighting



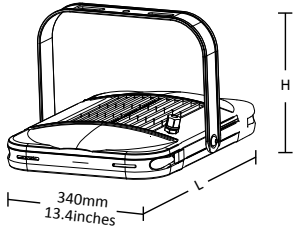
Applications:
Billboard | Area Lighting | Architecture Lighting | Landscape Lighting

Series CP-HF LED FLOOD LIGHTS / Luminaire's



Product	CP-HF40	CP-HF80	CP-HF120	CP-HF160	CP-HF200	CP-HF240
Nominal Wattage	40W	80W	120W	160W	200W	240W
LED Working Current	860 mA	900 mA	900 mA	900 mA	900 mA	900 mA
Number of Modules	1	2	3	4	5	6
Input Voltage	100-240V /277V AC 50 /60Hz					
Dimming	0-10V	0-5V, 0-10V, PWM, Timer				
LED Brand	Philips Lumileds TX					
Driver Brand	Non-dimmable: MeanWell HLG Driver Dimmable: Inventronics Driver					
Max. Current @ 120V	0.41A	0.82A	1.23A	1.65A	2.06A	2.47A
Max. Current @208V	0.24A	0.47A	0.71A	0.95A	1.19A	1.42A
Max. Current @240V	0.21A	0.41A	0.62A	0.82A	1.03A	1.23A
Max. Current @277V	0.18A	0.36A	0.53A	0.71A	0.89A	1.07A
Operating Temperature	-40 °C to +50 °C					
Power Factor (PF)	>0.95					
THD	<20%					
Lumen Output (+/- 5%)	4400 lm	8800 lm	13200 lm	17600 lm	22000 lm	26400 lm
Luminaire efficacy	110 lm /w	110 lm /w	110 lm /w	110 lm /w	110 lm /w	110 lm /w
Optic	60°, 90°, 110°					
CRI	>70					
CCT	4000K (Nature White), 5000K (Pure White), 5700K (Cool White)					
Rating	IP66, IK10					
Material	Housing: Die-cast aluminum; Heat sink: Stretched Aluminium Alloy; Lens: PC					
Installation	Pendant mounting, Direct mounting and Suspended mounting optional; Installation angle can be adjustable					
Accessories (Optional)	Motion sensor, Suspended mounting fittings					
Shell Color	Silver (RAL9022) , other RAL colors available on request					
Lumen Maintenance	> 75,000 hours-L ₇₀ at 25 °C					
Certifications	CE, CB, ROHS, GS, SAA, UL, DLC, LM79, LM80, ISO9001, ISO14001					
Packaging Type	1 unit /ctn.					

DIMENSION DATA



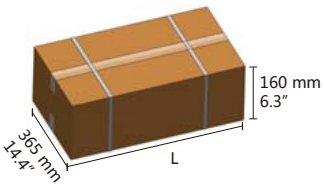
Number of Modules	1	2	3	4	5	6
"L" Length	293 mm 11.5"	366 mm 14.4"	439 mm 17.3"	512 mm 20.2"	585 mm 23.0"	658 mm 26.0"
"H" Height	186 mm 7.3"	223 mm 8.8"	259 mm 10.2"	296 mm 11.7"	332 mm 13.1"	369 mm 14.5"
Weight	3.1 kg 6.8 lbs.	4.4 kg 9.7 lbs.	5.4 kg 11.9 lbs.	6.3 kg 13.9 lbs.	7.2 kg 15.9 lbs.	8.1 kg 17.9 lbs.

LUMEN MAINTENANCE

Ambient Temperature	TM-21 Lumen Maintenance (60,000 Hours)	Theoretical L70 (Hours)
25 °C	96.50%	478,000
40 °C	97.22%	531,000
50 °C	96.16%	373,000

*Visit <http://zgsm-china.com/product/Lighting/category/high-bay-lights/series-h> for TM-21 Report

PACKAGING DATA



Number of Modules	1	2	3	4	5	6
"L" Length	345 mm 13.6"	415 mm 16.3"	485 mm 19.1"	560 mm 22.0"	635 mm 25.0"	705 mm 27.8"
Weight	3.9 kg 8.6 lbs.	5.1 kg 11.2 lbs.	6.1 kg 13.4 lbs.	7.0 kg 15.4 lbs.	8.1 kg 17.9 lbs.	9.0 kg 19.8 lbs.