

H4-SERIES



ISO9001
ISO14001



RoHS
Compliant

IP66
IK10

LUMILEDS
The Brighter Choice

POWERED BY
MW
MEAN WELL

5 YEAR
WARRANTY

LED HIGH BAY LIGHTS



SERIES-H4

LED HIGH BAY LIGHTS

PRODUCT CATALOG



Overview

The H4-Series LED high bay lights are using LUMILEDS® LUXEON 3030 2D luminous source, providing excellent lumen output, long-lasting stability and splendid sight.

The H4-Series LED high bay lights have a high luminous efficiency and better service life. Provide 5 years warranty on luminaire.

Color Options

➤ Silver Gray

LED LUMINOUS SOURCE



LED DRIVER



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



LED MODULE

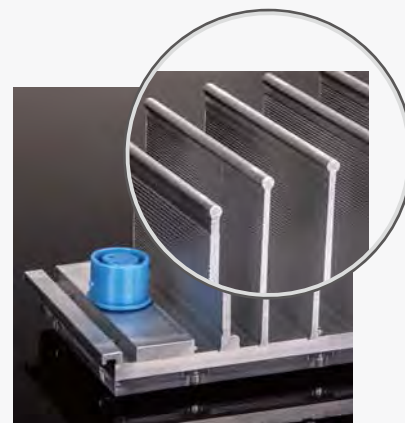
Exquisite design with powerful thermal dissipation and IP67 waterproof performance.



Overall stainless steel screws adopted.

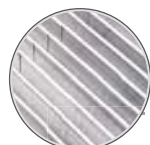


Black & Silver Color Modules.

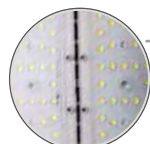
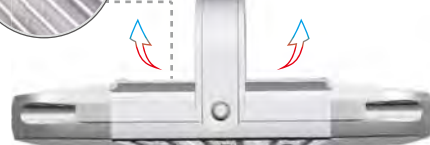


Cylindrical edge design, avoid cut risk.

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.

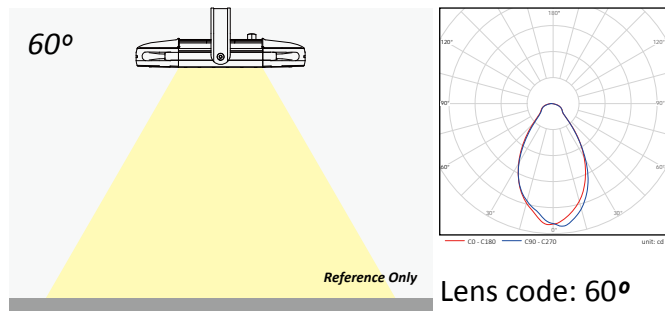


SERIES-H4

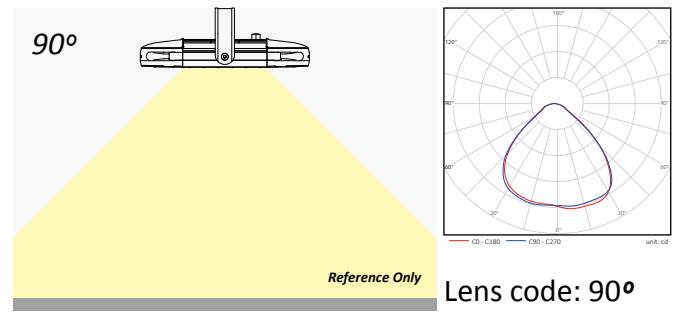
LED HIGH BAY LIGHTS

PRODUCT CATALOG

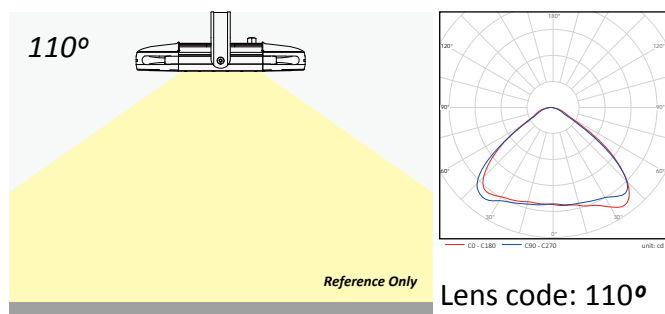
Optics



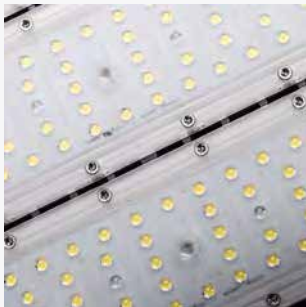
Applications:
Shelf Aisle | High Hall | High Workshop



Applications:
Warehouse | Workshop



Applications:
Warehouse | Workshop | Gas Station



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



Use M16 waterproof connector, avoid hard power damage.



full aluminum made, sufficient heat dissipation area also no corrosion worries.



A special tailor-made packaging designed to guarantee the highest protection of the lamp.



Use waterproof connector for internal wiring, safe, convenient & fast.



Innovative pluggable connector, clean & efficient.



UL standard connection.



Exquisite and enhanced full aluminium bracket.

DETAILED FEATURES



- for High Bay Applications, Croatia



- for Shelf Aisle(Series-D), Hungary



- for Low Bay Applications, Spain



- for Area Lighting(Series-E), Italy



- for Gas Station(Series-D), Colombia

SERIES-H4

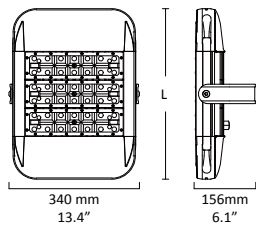
LED HIGH BAY LIGHTS

PRODUCT CATALOG



Product	FIDC-GCD40H4	FIDC-GCD80H4	FIDC-GCD120H4	FIDC-GCD160H4	FIDC-GCD200H4
Nominal Wattage	40W	80W	120W	160W	200W
LED Working Current	100 mA	110 mA	110 mA	110 mA	110 mA
Number of Modules	1	2	3	4	5
Input Voltage	100-240V /277V AC 50 /60Hz				
Dimming	1-10V, PWM, Resistance, Timer				
LED Brand	Philips Lumileds 3030				
Driver Brand	MeanWell Driver				
Max. Current @ 120V	0.41A	0.82A	1.23A	1.65A	2.06A
Max. Current @208V	0.24A	0.47A	0.71A	0.95A	1.19A
Max. Current @240V	0.21A	0.41A	0.62A	0.82A	1.03A
Max. Current @277V	0.18A	0.36A	0.53A	0.71A	0.89A
Operating Temperature	-40 °C to +50 °C				
Power Factor (PF)	>0.95				
THD	<20%				
Lumen Output (+/- 5%)	4800 lm	9600 lm	14400 lm	19200 lm	24000 lm
Luminaire efficacy	120 lm /w	120 lm /w	120 lm /w	120 lm /w	120 lm /w
Optic	60°, 90°, 110°				
CRI	>70				
CCT	3000K (Warm White), 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, ROHS, IOS9001, ISO14001, LM80				
Packaging Type	1 unit /ctn.				

DIMENSION DATA

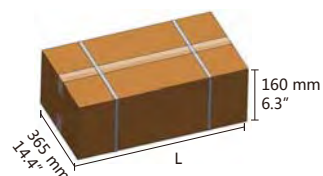


Number of Modules	1	2	3	4	5
"L" Length	293 mm 11.5"	336 mm 14.4"	439 mm 19.4"	512 mm 20.2"	585 mm 23.0"
Weight	3.1 kg 6.8 lbs.	4.3 kg 9.5 lbs.	5.2 kg 11.5 lbs.	6.0 kg 13.2 lbs.	7.0 kg 15.4 lbs.

LUMEN MAINTENANCE

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

PACKAGING DATA



Number of Modules	1	2	3	4	5
"L" Length	345 mm 13.6"	415 mm 16.3"	485 mm 19.1"	560 mm 22.0"	635 mm 25.0"
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.

认证

IP66 / IK10 Rated CE / ROHS IOS9001, ISO14001

Dimming

Dimming functions are supported by optional

† Three in One (1-10V DC or PWM Signal or Resistance)

† Output constant current level can be adjusted through out put cable by connecting a resistance or 1 ~ 10Vdc or 10V PWM signal between DIM+ and DIM-.

† Please DO NOT connect "DIM-" to "-V".

† Reference resistance value for output current adjustment (Typical)

Resistance value	10KΩ	20KΩ	30KΩ	40KΩ	50KΩ	60KΩ	70KΩ	80KΩ	90KΩ	100KΩ	OPEN
Percentage of rated current	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	95% ~ 108%

† 1-10V dimming function for output current adjustment (Typical)

Dimming value	1V	2V	3V	4V	5V	6V	7V	8V	9V	10V	OPEN
Percentage of rated current	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	95% ~ 108%

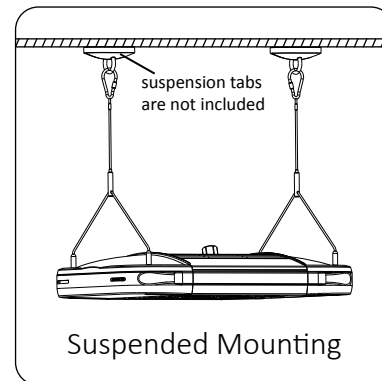
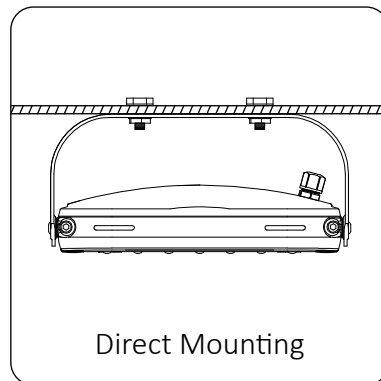
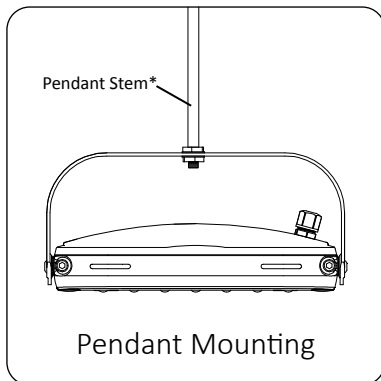
† 10V PWM signal for output current adjustment (Typical): Frequency range: 100Hz ~ 3KHz

Resistance value	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	OPEN
Percentage of rated current	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	95% ~ 108%

Time Control Dimming

Time control dimming function is supported by optional

Supported Installation Methods



*Pendant Stem can not be the soft material.