

H-SERIES

SWEEÖ[®]
LED Lighting



IP66
IK10

LUMILEDS
The Brighter Choice

INVENTRONICS
LED DRIVER inside

POWERED BY
MW
MEAN WELL

CE

RoHS
Compliant

LM-80

5 YEAR
WARRANTY

LED TUNNEL LIGHTS



Overview

The SWEEO H-Series LED tunnel lights are using PHILIPS LUMILEDS® luminous source, providing excellent lumen output, long-lasting stability and splendid sight.

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

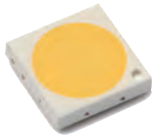
Color Options

■ Silver Gray

HIGH-EFFICACY LED LIGHT SOURCE



Philips Lumileds Luxeon TX
Greater than 135lm/W high efficacy, illumination grade LED light source.



Philips Lumileds 3030 2D
Greater than 150lm/W high efficacy, illumination grade LED light source.



Philips Lumileds 5050
Greater than 185lm/W high efficacy, illumination grade LED light source.

HIGH-END LED DRIVER (Two options)

+ NON-DIMMABLE



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

+ DIMMABLE



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

AIR CONVECTION EFFECT

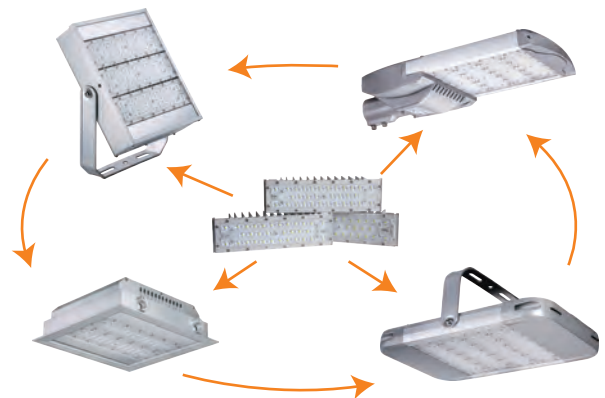


Enclosed but ventilation back design can not only keep the heat dissipation but also avoid laceration.

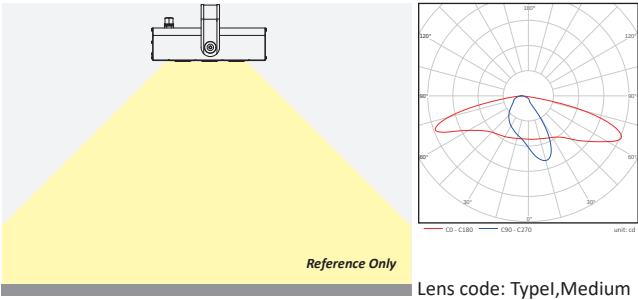


Gaps between the modules will increase the thermal dissipation rate and solve the problem of dust deposition.

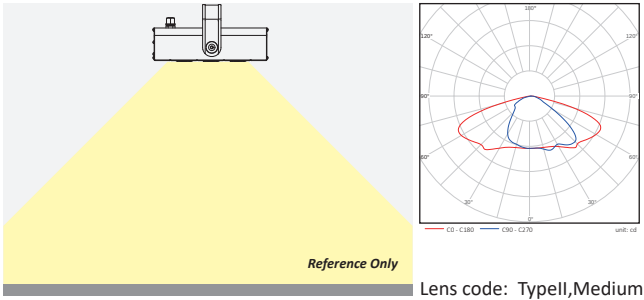
FLEXIBLE COMBINATIONS OF MODULES



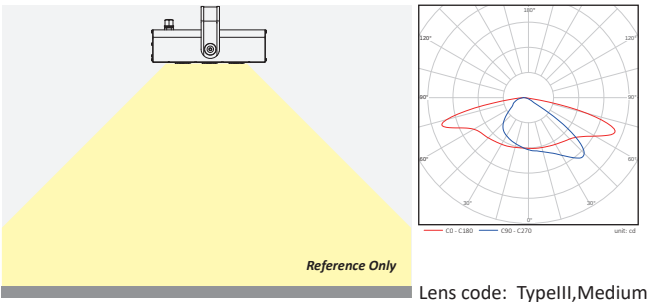
Optics



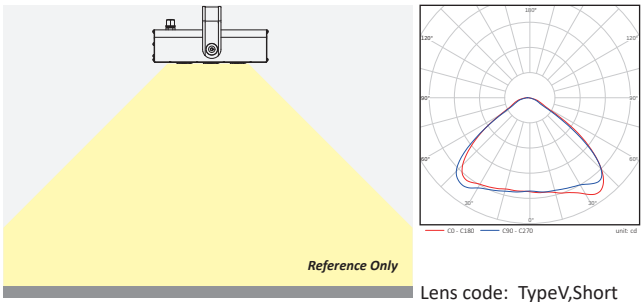
Applications:
Tunnel | Channel | Corridor | Cave



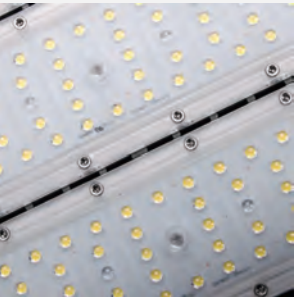
Applications:
Tunnel | Channel | Corridor | Cave



Applications:
Tunnel | Channel | Corridor | Cave



Applications:
Tunnel | Channel | Corridor | Cave



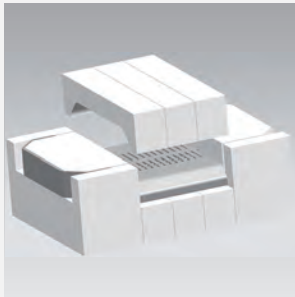
Professional lens design, to provide for the channel more efficient lighting.



Use M16 waterproof connector, avoid hard power damage.



The exquisite and innovated frame holder not only makes the installation more simple but also firmer.



A special tailormade packaging designed to guarantee the highest protection of the lamp.



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



Innovative pluggable connector, clean & efficient.



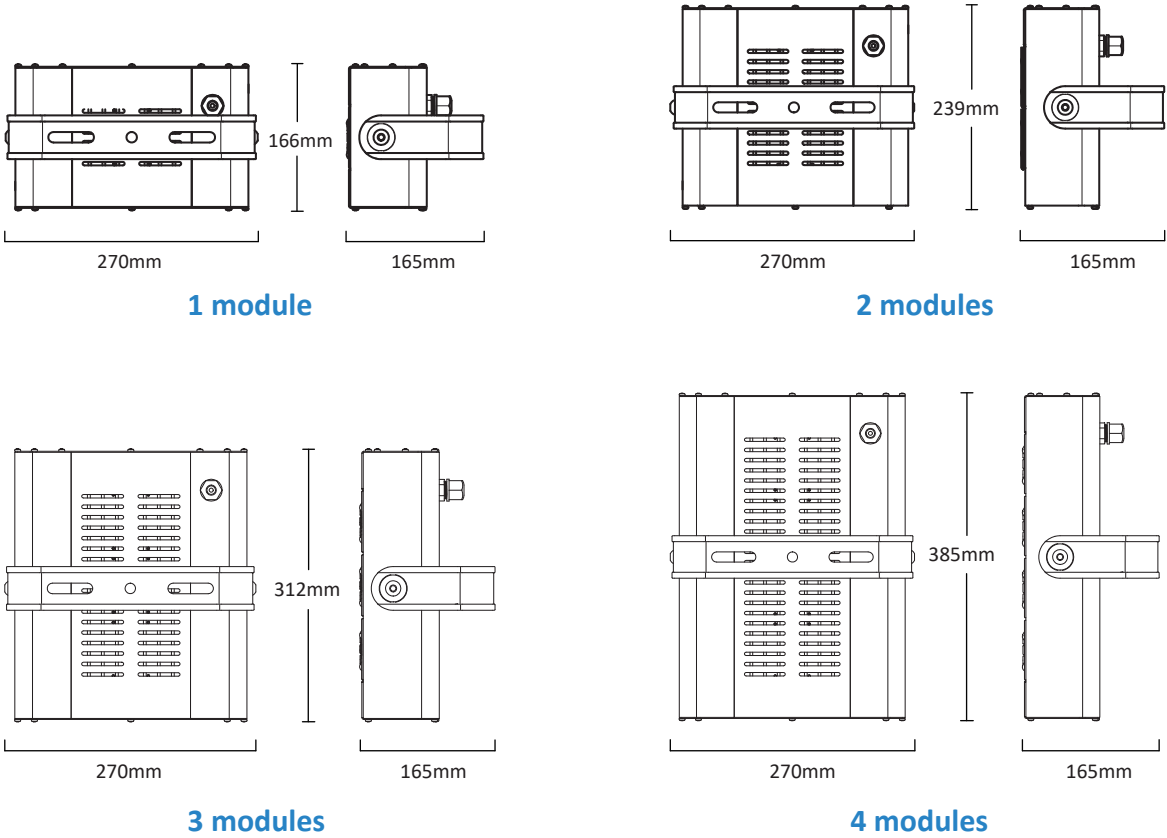
UL standard connection.



With a non-corrosive material, not only exquisite appearance, but also no corrosion concerns.

DETAILED FEATURES

Dimension



Electrical & Photometric

★ 3030 Version

Number of Modules	Model	LED Working Current	Power	Luminaire Efficacy (+/- 5%)	Lumen Output (+/- 5%)	Input Voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Lifetime (h)
1	LOZ-SDD40H4-130XXXXXX	95mA	40W	130 lm /w	5200 lm	100-240V /277V AC 50 /60Hz	Philips Lumileds 3030 2D	MeanWell Inventronics	TypeI, Medium TypeII, Medium TypeIII, Medium TypeV, Short	3000* 4000 5000 5700	>100,000 (L70)
	LOZ-SDD50H5-120XXXXXX	115mA	50W	120 lm /w	6000 lm						>80,000 (L70)
	LOZ-SDD60H6-115XXXXXX	145mA	60W	115 lm /w	6900 lm						>100,000 (L70)
2	LOZ-SDD80H4-130XXXXXX	100mA	80W	130 lm /w	10400 lm						>100,000 (L70)
	LOZ-SDD100H5-120XXXXXX	120mA	100W	120 lm /w	12000 lm						>80,000 (L70)
	LOZ-SDD120H6-115XXXXXX	145mA	120W	115 lm /w	13800 lm						>100,000 (L70)
3	LOZ-SDD120H4-130XXXXXX	100mA	120W	130 lm /w	15600 lm						>80,000 (L70)
	LOZ-SDD150H5-120XXXXXX	120mA	150W	120 lm /w	18000 lm						>100,000 (L70)
	LOZ-SDD180H6-115XXXXXX	145mA	180W	115 lm /w	20700 lm						>80,000 (L70)
4	LOZ-SDD160H4-130XXXXXX	100mA	160W	130 lm /w	20800 lm						>100,000 (L70)
	LOZ-SDD200H5-120XXXXXX	120mA	200W	120 lm /w	24000 lm						>80,000 (L70)
	LOZ-SDD240H6-115XXXXXX	145mA	240W	115 lm /w	27600 lm						>100,000 (L70)

*Luminous Efficacy of 3000K is 5% lower than other CCTs.
*“XX” in Model represents different CCT.
*“XXXX” in Model represents different lighting distributions.

★ 5050 Version

Number of Modules	Model	LED Working Current	Power	Luminaire Efficacy (+/- 5%)	Lumen Output (+/- 5%)	Input Voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Lifetime (h)
1	LOZ-SDD40H4-155XXXXXX	48mA	40W	155 lm /w	6200 lm	100-240V /277V AC 50 /60Hz	Philips Lumileds 5050	MeanWell Inventronics	TypeII, Medium TypeIII, Medium TypeV, Short	3000* 4000 5000 5700	>85,000 (L70)
	LOZ-SDD50H5-150XXXXXX	59mA	50W	150 lm /w	7500 lm						>80,000 (L70)
	LOZ-SDD60H6-145XXXXXX	75mA	60W	145 lm /w	8700 lm						>85,000 (L70)
2	LOZ-SDD80H4-155XXXXXX	50mA	80W	155 lm /w	12400 lm						>85,000 (L70)
	LOZ-SDD100H5-150XXXXXX	61mA	100W	150 lm /w	15000 lm						>80,000 (L70)
	LOZ-SDD120H6-145XXXXXX	75mA	120W	145 lm /w	17400 lm						>85,000 (L70)
3	LOZ-SDD120H4-155XXXXXX	50mA	120W	155 lm /w	18600 lm						>85,000 (L70)
	LOZ-SDD150H5-150XXXXXX	58mA	150W	150 lm /w	22500 lm						>80,000 (L70)
	LOZ-SDD180H6-145XXXXXX	75mA	180W	145 lm /w	26100 lm						>85,000 (L70)
4	LOZ-SDD160H4-155XXXXXX	50mA	160W	155 lm /w	24800 lm						>80,000 (L70)
	LOZ-SDD200H5-150XXXXXX	58mA	200W	150 lm /w	30000 lm						>85,000 (L70)
	LOZ-SDD240H6-145XXXXXX	75mA	240W	145 lm /w	34800 lm						>80,000 (L70)

*Luminous Efficacy of 3000K is 5% lower than other CCTs.

*"XX" in Model represents different CCT.

*"XXXX" in Model represents different lighting distributions.

★ 3535 Version

Number of Modules	Model	LED Working Current	Power	Luminaire Efficacy (+/- 5%)	Lumen Output (+/- 5%)	Input Voltage	LED Brand	Driver Brand	Light Distributions	CCT (K)	Lifetime (h)
1	LOZ-SDD40H-100XXXXXX	860mA	40W	100 lm /w	4000 lm	100-240V /277V AC 50 /60Hz	Philips Lumileds Luxeon TX	MeanWell Inventronics	TypeI, Medium TypeII, Medium TypeIII, Medium TypeV, Short	3000* 4000 5000 5700	>100,000 (L70)
2	LOZ-SDD80H-100XXXXXX	900mA	80W	100 lm /w	8000 lm						
3	LOZ-SDD120H-100XXXXXX	900mA	120W	100 lm /w	12000 lm						
4	LOZ-SDD160H-100XXXXXX	900mA	160W	100 lm /w	16000 lm						

*Luminous Efficacy of 3000K is 5% lower than other CCTs.

*"XX" in Model represents different CCT.

*"XXXX" in Model represents different lighting distributions.

Working Environment & Packing

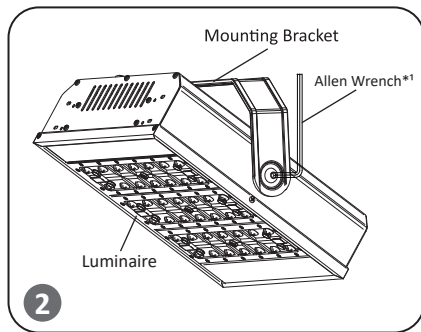
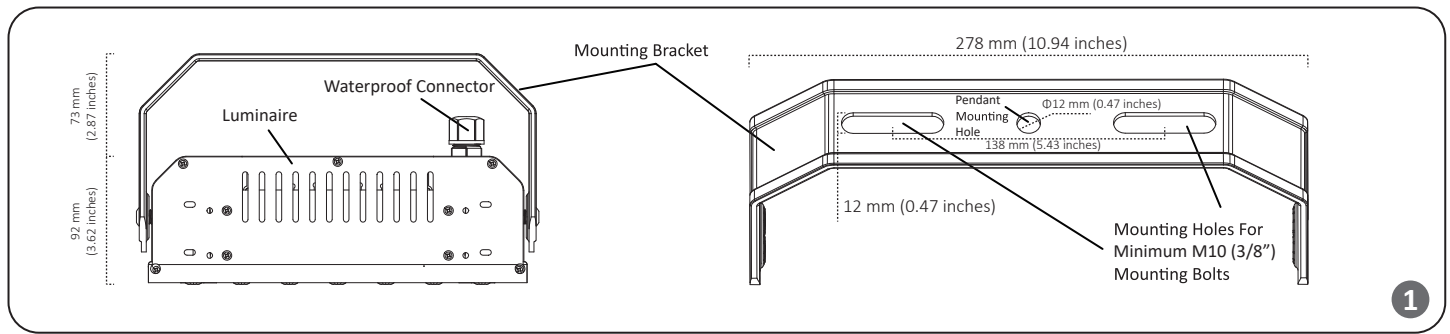
Number of Modules	Working Environment	Storage Temperature	Rating	CRI	Power Factor	Power Efficiency	Material	Product Dimensions (mm)	Carton Size (mm)	N.W (kg)	G.W (kg)
1	-40 °C ~ +50 °C 10% ~ 90%RH	-40 °C ~ +50 °C	Class I IP66 IK10	>70	>0.95	>90%	Housing: Aluminium Alloy; Lens: PC	166*270*165	285*370*200	2.3	3.0
2								239*270*165	355*370*200	3.5	4.3
3								312*270*165	430*370*200	4.4	5.2
4								385*270*165	505*370*200	5.2	6.1

Note: Above data of weight are all typical values.

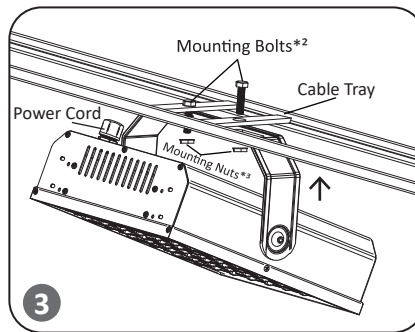
Certification

Manufacturer
ISO9001
H Series
CE, ROHS, LM80
H4/H5 Series
CE, ROHS, LM80
H6 Series
CE, ROHS, LM80

Installation



- *1 Allen Wrench: 8mm (5/16")
 *2 Minimum M10 (3/8") Bolts (not-provided)
 *3 Mounting Nuts are not provided

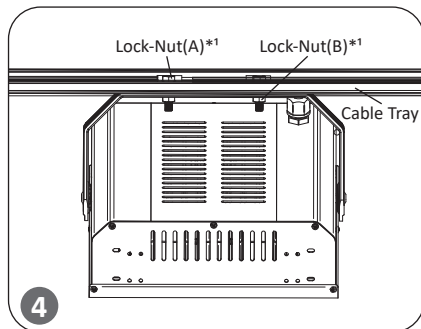


STEP 1:

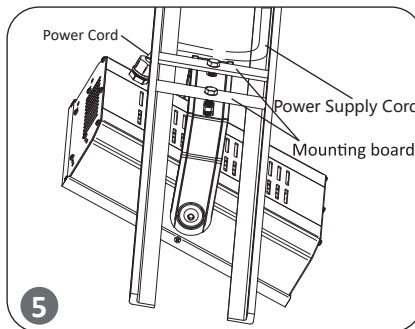
Ajust first the bracket position, to a needed installation angle, then use the wrench to fix the bracket, as shown in Fig2.

STEP 2

Hold up the fixture, align the screw holes of the fixture and the installation bridge, as shown in Fig3.



- *1 Lock Nuts are not provided
 *2 Customize the Mounting board according to actual requirements.



STEP 3

Use tool to tighten the screws on the bracket, as shown in Fig4.

STEP 4

The corresponding connection, as shown in Fig5.

WARNING

- Disconnect or turn off power before installation, maintenance or service.
- Allow lamp/fixture to cool before handling.
- Do not touch enclosure or light source.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Power supply connections should be insulated and waterproof.

CAUTION

- Keep combustible and other materials that can burn away from lamp/lens.
- Do not operate in close proximity to persons, combustible materials or substances affected by heat or drying.
- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source when it is on.