



Auron 44 Smart



Bluetooth



TUYA



Patented



IK08



Warranty

Description:

Our Auron 44 smart high bay series combines powerful performance with advanced wireless control. Featuring built-in Bluetooth compatibility, these fixtures can be fully managed through the Tuya app no extra wiring or control system required. Adjust the CCT on demand to create the perfect lighting environment, from warm to cool white, directly from your phone or tablet. With time-based scene scheduling, you can automatically change the color temperature throughout the day for example, cooler light during working hours for improved focus and warmer light later for a more relaxed atmosphere. This makes the fixture ideal for warehouses, commercial spaces, gyms, and industrial facilities looking for energy-efficient, flexible, and modern lighting control.

Model: HYL44

Optical:

CCT:	3000K-5000K Adjustable (Other CCT ranges optional)
Lumen Efficacy :	165LM/ W@4000K
CRI:	Ra80
Power factor:	>0.92
Light source:	LED2835

Electrical:

Rated Power:	0-200W Adjustable
Input voltage:	120-277 Vac, 50 / 60 Hz
Beam angle:	H00108/H00111/H00115/H00121

Life:

Lifespan of LED@Ta=25°C(hrs):	38000Hrs- L90
	80000Hrs- L80
	129000Hrs- L70

Warranty:	5 Years
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General:

Dimmable Solution:	0-10V
IP:	IP65
IK:	IK08
Operating temperature:	-30°C to + 50°C(-22°F to +122°F)
Storing Temperature:	-40°C to +70°C(-40°F to +158°F)
Housing Finish :	Powder coating
Applications:	Warehouse /Industrial facility /Exhibition center Shopping Mall / Gymnasium /Toll Station



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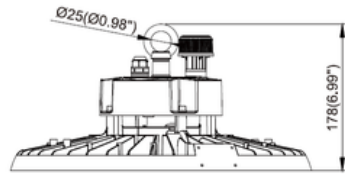
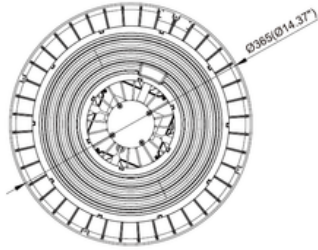
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Dimensions

Outlook Dimensions : Ø365x178mm(Ø14. 37" x6.99")



Mounting Options

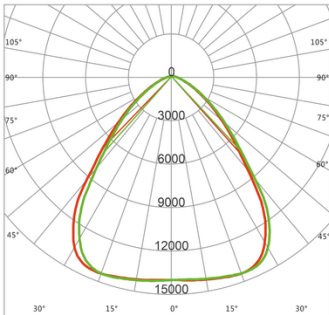


Loop Hanging

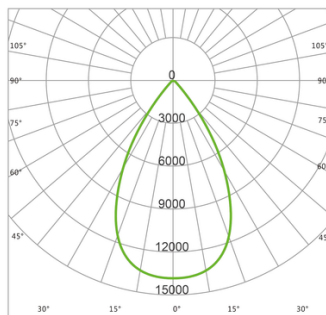


Ceiling Mounting

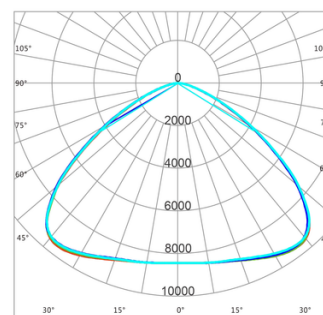
Photometric Diagrams



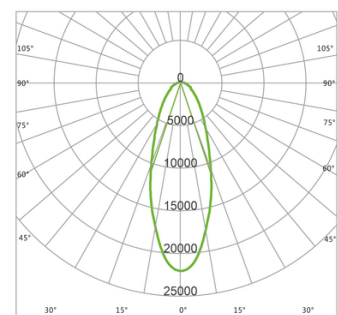
90°



60°



120°



40°





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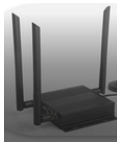


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Performance summary

Model	Picture	Power	Luminous Flux	Dimmable	Input Voltage	CCT	CRI	Beam Angle
HYS44		0-200W adjustable	140lm/W - 3000K 165lm/W - 4000K 150lm/W - 5000K	Dimmable	AC120-277V, 50/60Hz	3000K-5000K Tunable	Ra>80	40° 60° 90° 120°
HYS44-TB01		Gateway for Tuya bluetooth wireless control HB44, input voltage : DC5V/2A (one project at least need 1 pcs)						

Accessory

Model	Picture	Description
HYS44-PCL		Circular PC Lens
HYS44-ALR-150		PC reflector with cover for 100W-150W
HYS44-AL90-150		90° ALU reflector for 100W-150W
HYS44-AL65-150		65° ALU reflector for 100W-150W
HYS44-PCD-200		PC diffuser for 200W
HYS44-ALD-200		Aluminum diffuser for 200W
HYS44-AB45-150		±45deg adjustable bracket for 100W-150W
HYS44-AB60-200		±60deg adjustable bracket for 200W
HYS44-SC05		0.5m safety chain (3mm chain + 2pcs φ6x60mm carabiners)



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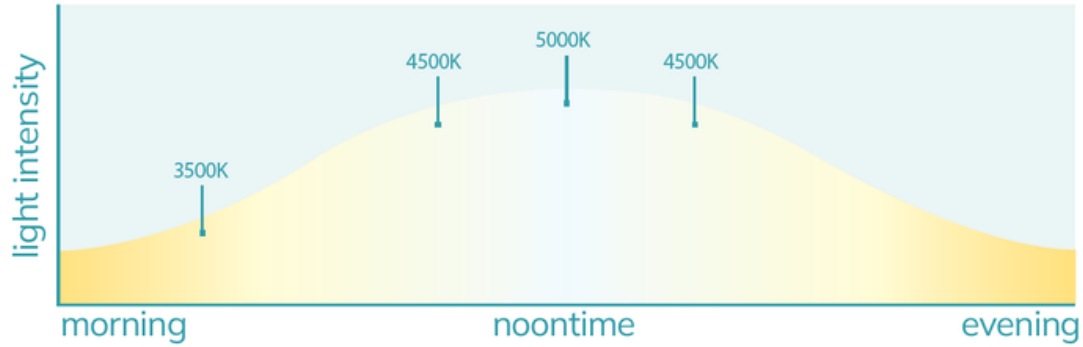
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7-8am, 12 -1pm
(3500K, 50%)



8-12am, 1 -5pm
(5000K, 100%)



after 5pm
(4500K, 65%)





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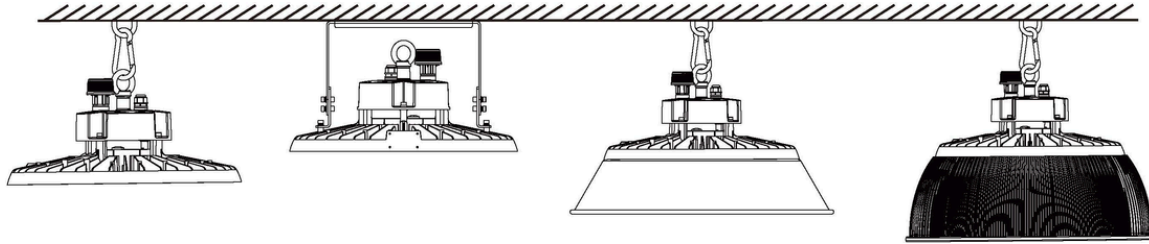


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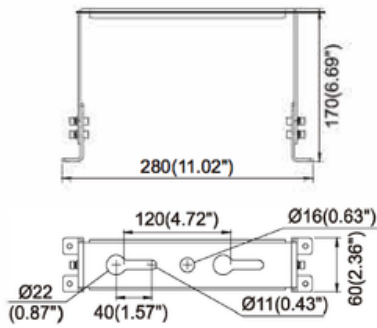


Warranty

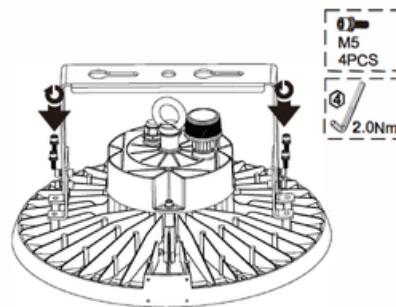
Installation Instructions



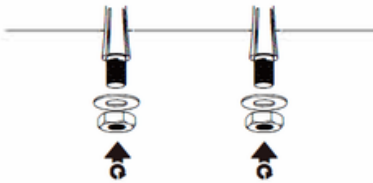
Ceiling Mount(Unit: mm/inch)



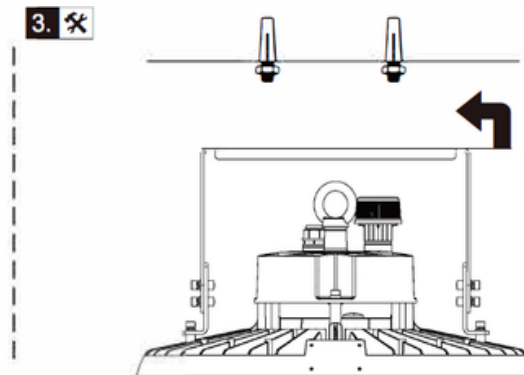
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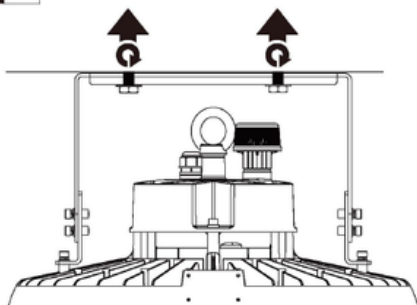
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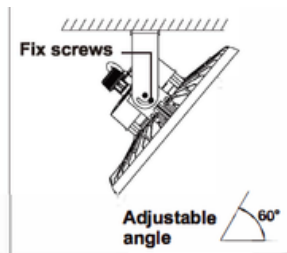
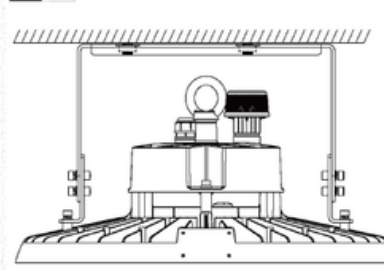
3. ✕



4. ✕



5. ✕



Due to continuous improvements, the information herein may be changed without notice

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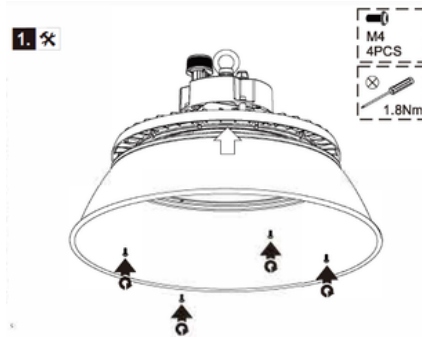
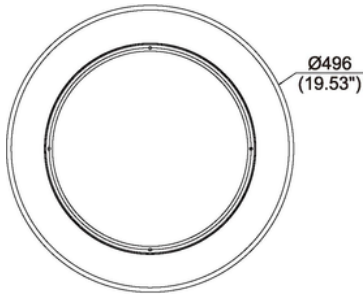
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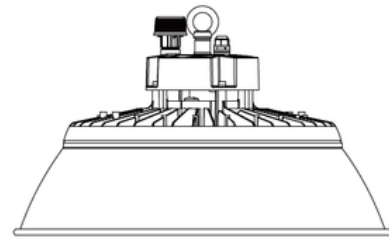
Warranty

Diffuser Mount

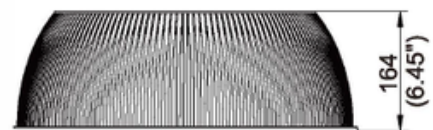
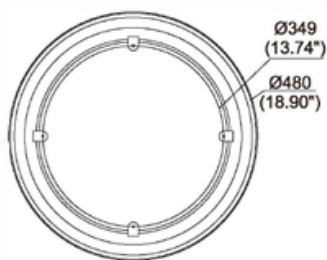
Aluminum Diffuser (Unit: mm/inch)



2. ✖



PC Diffuser (Unit: mm/inch)



2. ✖

