

Specifications

High Bay Light TF7A Series



Distributor in Hungary:

HOLUX
VILÁGÍTÁS ÉS VILLAMOSSÁG

HOLUX Kft. H-1135 Budapest, Béke u. 51-55.
Tel: (06 1) 450 2700 Fax: (06 1) 450 2710
www.holux.hu www.fenyaruhaz.hu e-mail: hoso@holux.hu

HANGZHOU HPWINNER OPTO CORPORATION

NO. 18. Kangzhong Road, Gongshu District, Hangzhou, 310015, China.

Phone: +86-571-88399635.Fax: +86-571-89971205

www.hpwinner.com
HPWINNER

Specifications

High Bay Light TF7A Series

Features

- Modular pluggable technology, easy tool onsite maintenance;
- Honeycomb briquette burning effect and the whole structure cooling technology;
- Double-coupling IP68 protection, highest waterproof level;
- Intelligent constant current driving technology, long life span;
- Ergonomic light distribution to achieve uniform illuminating effect;
- Free modular serialization and full power range solution.

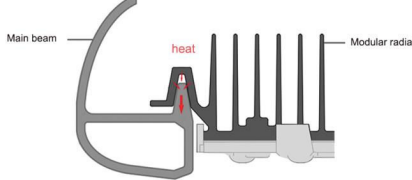
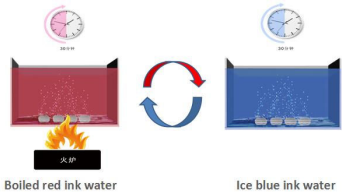
Applications

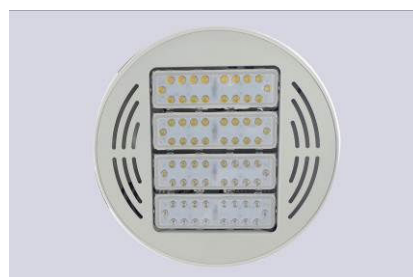
- Warehouse lighting
- Factory lighting
- Area & Storage lighting
- Showroom & Convention center lighting
- Gyms

Standard Colors

- White
- Black
- Silver

Advantages

	
Air Convection Effect	Whole-structure Heat Dissipation
	
Double-coupling IP68 Protection	Tool-less Maintenance
	
High-efficiency LED Light Source	Flexible Combinations of Modules



Specifications

High Bay Light TF7A Series

Electrical & Photometric

Model	Input Voltage (V) Frequency Range (Hz)	Drive Current (mA)	Power (w)	Luminous Efficacy (lm/w)	Lumens (lm)	Power Factor	Power Efficiency	Light Distributions		LED Brand	CCT (k)	CRI							
								M1A & M2A	M8B										
TF7A-2	AC100-240 50/60	700	80	110 ± 5	8800±400	0.95	91%	Beam Angle (50%) 12° 25° 40° 60° 90° 110°	Beam Angle (50%) 25° 40° 60° 90° 110°	Lumileds	3000 4000 5000 5700	≥ 70							
TF7A-3		860	100	105 ± 5	10500±500														
		1050	120	100 ± 5	12000±600														
		700	120	110 ± 5	13200±600														
TF7A-4		860	150	105 ± 5	15750±750														
		1050	180	100 ± 5	18000±900														
		700	160	110 ± 5	17600±800														
		860	200	105 ± 5	21000±1000														
		1050	240	100 ± 5	24000±1200														

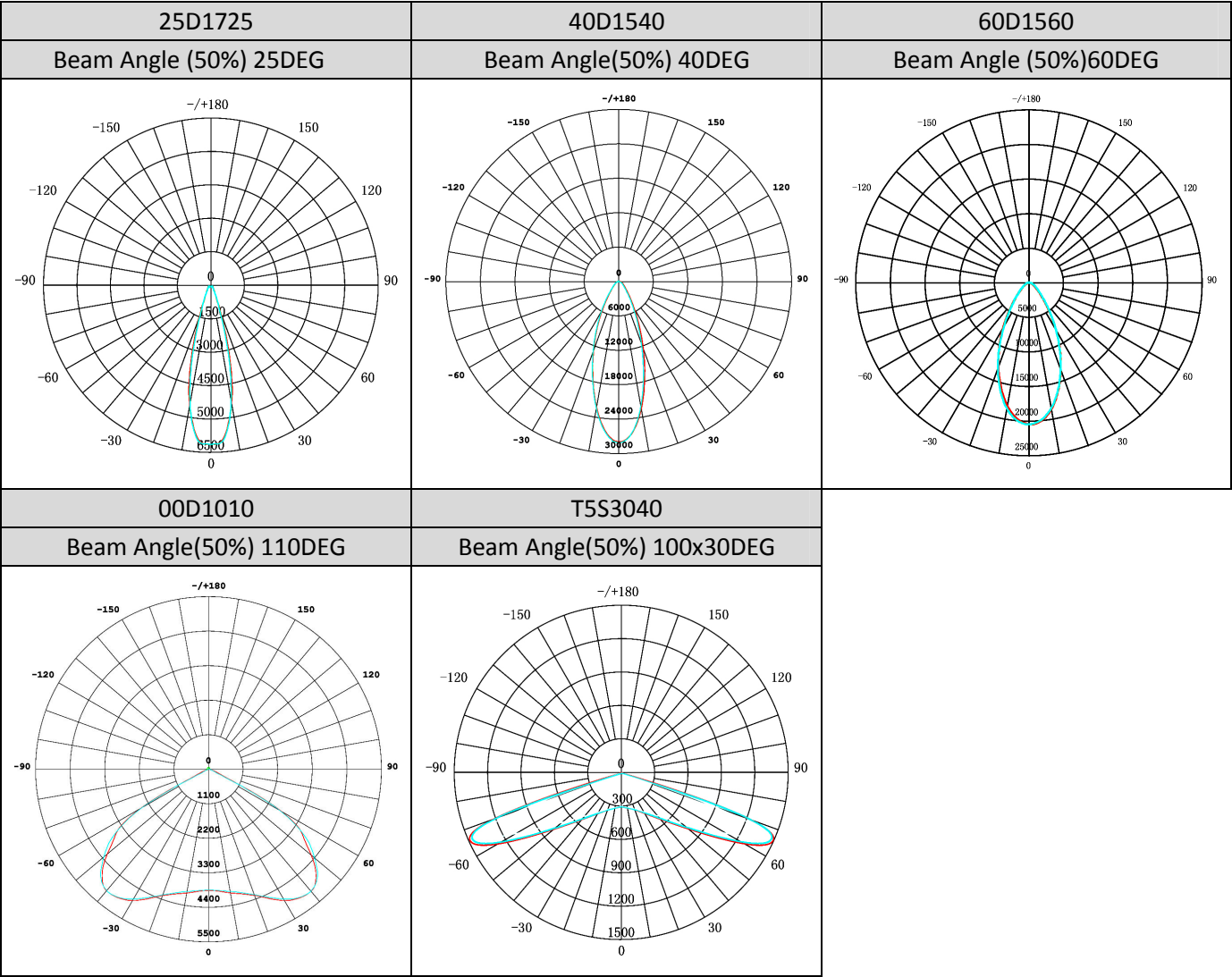
Working environment & Packing

Model	Working Environment	Storage Temperature	IP Rating	LED Life Span (h)	Housing Material	Mounting Bracket Hole	Product Dimensions (mm)	Outer Carton Size (mm)	N.W (kg)	G.W (kg)
TF7A-2	-40℃~+50℃, 10%~90%RH.	-40℃~+50℃	LED Module	>50,000	Aluminum Alloy	See Schematic	Φ475*235	550*550*270	6.3	8.4
TF7A-3			IP68			below on	Φ475*235	550*550*270	6.8	8.9
TF7A-4			Power Supply			Dimensions	Φ475*235	550*550*270	7.7	9.8
			IP67							

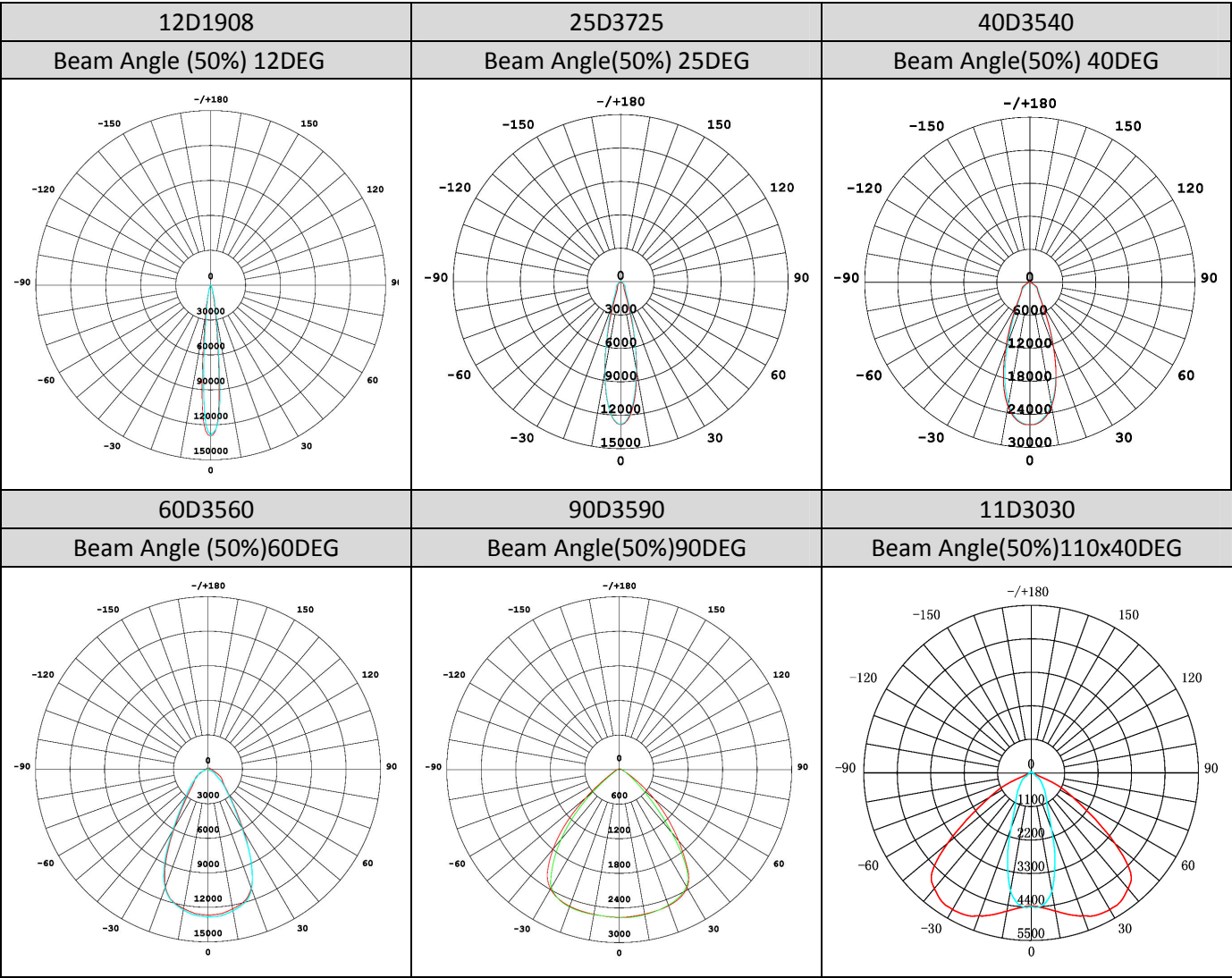
Warranty

5-year limited warranty is standard on luminaire and components.

Specifications
High Bay Light TF7A Series
Light Distributions
M1A Module



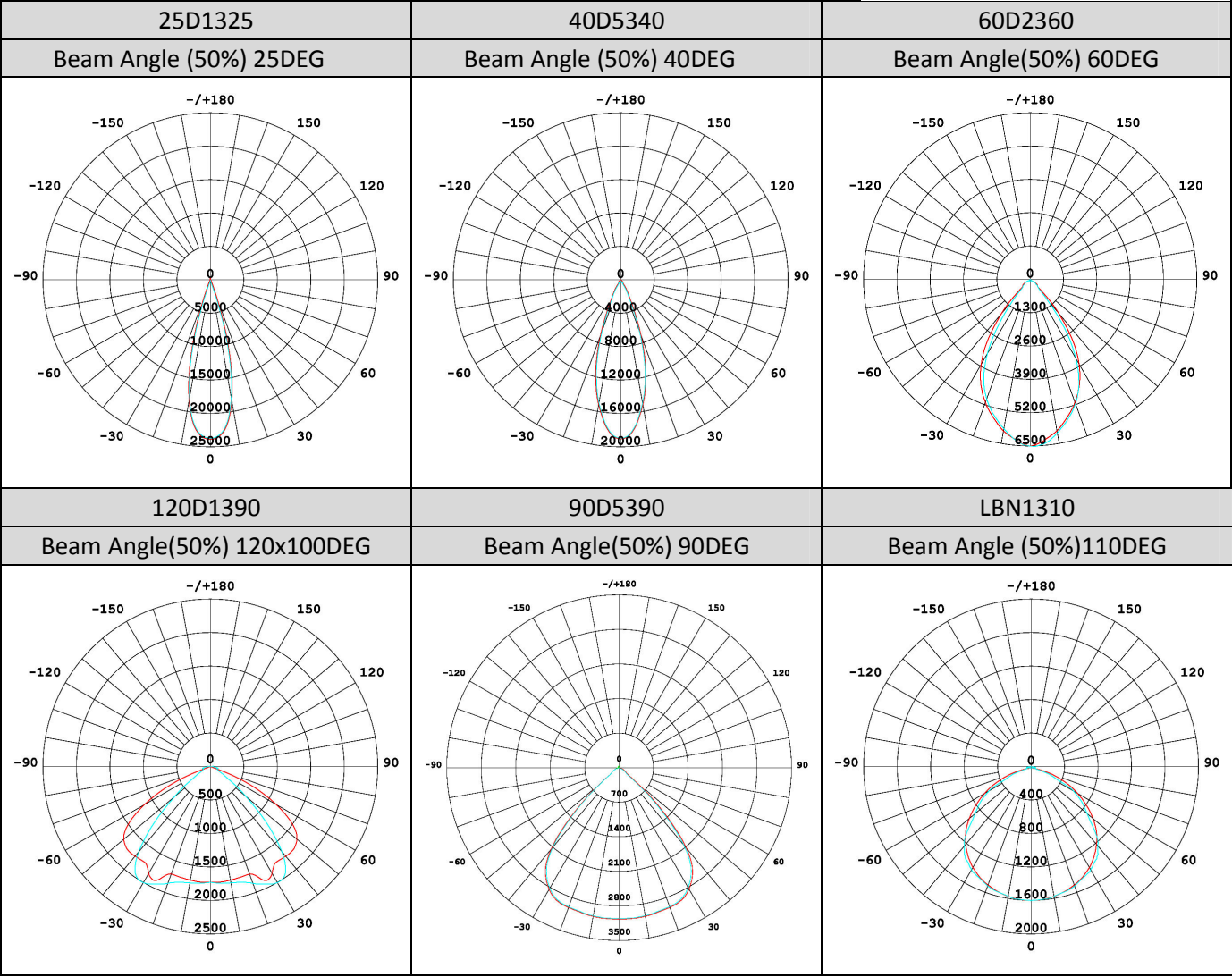
Specifications
High Bay Light TF7A Series
[M2A Module](#)



Specifications

High Bay Light TF7A Series

M8B Module



Specifications
High Bay Light TF7A Series

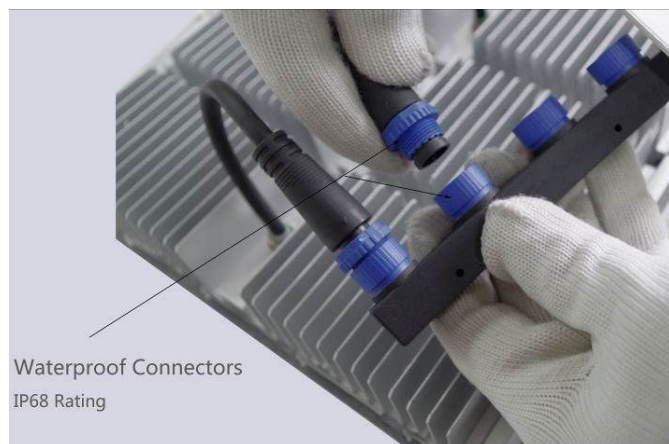
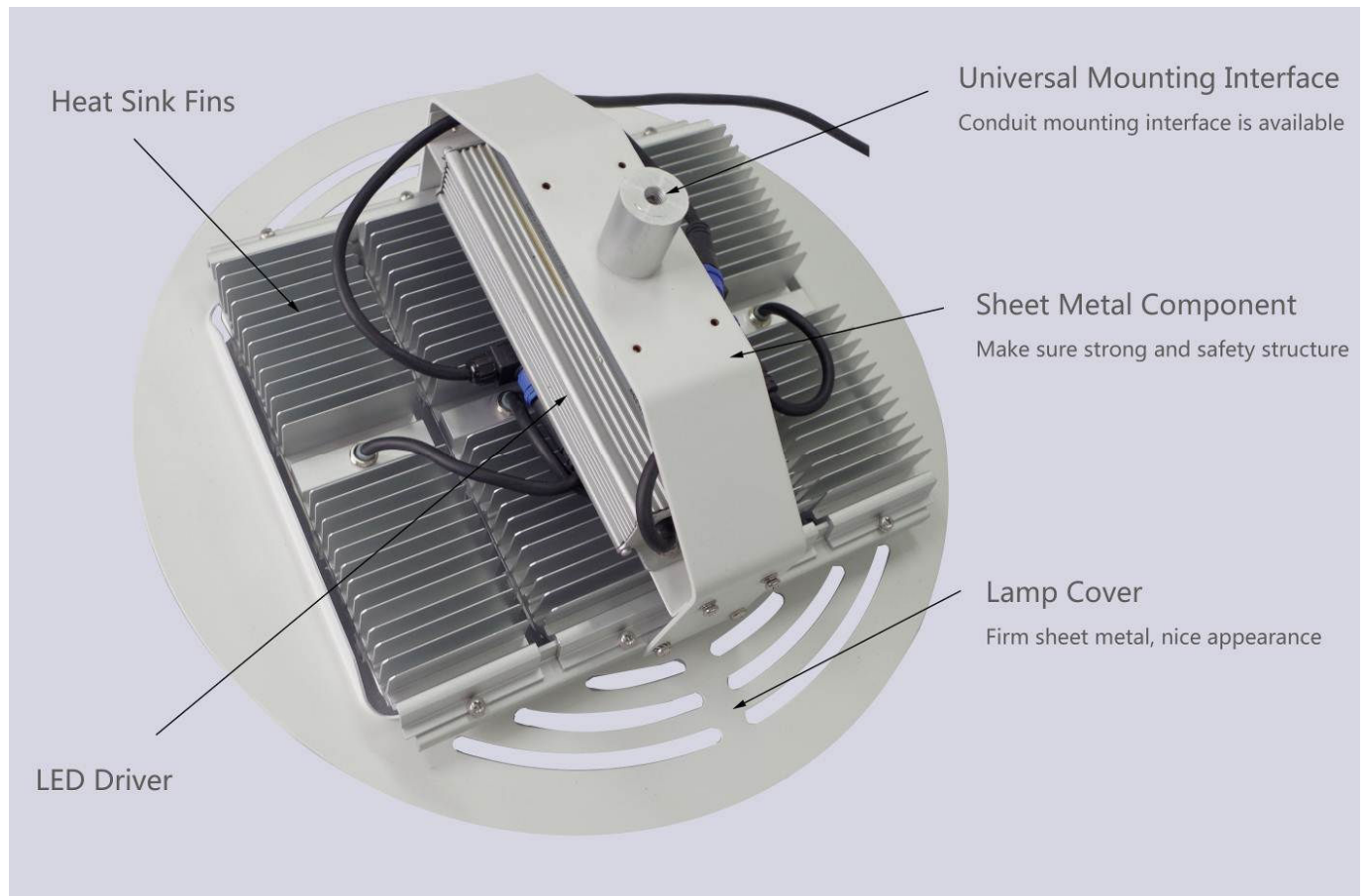
External Design Features



Specifications

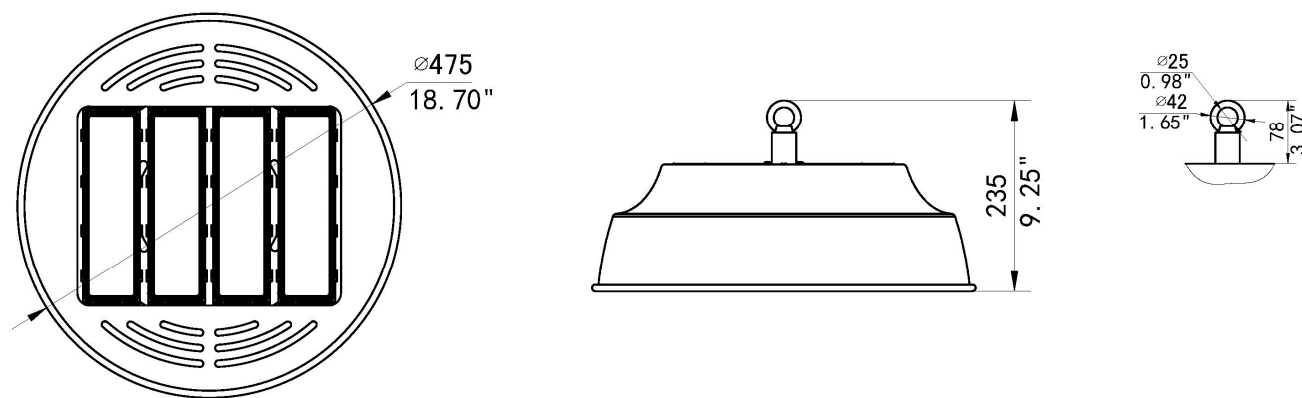
High Bay Light TF7A Series

Internal Design Features



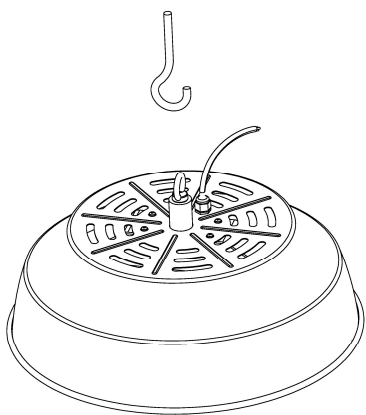
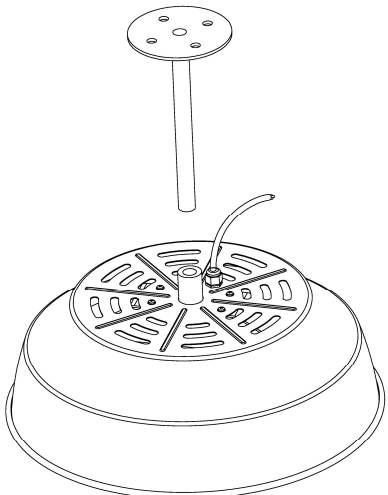
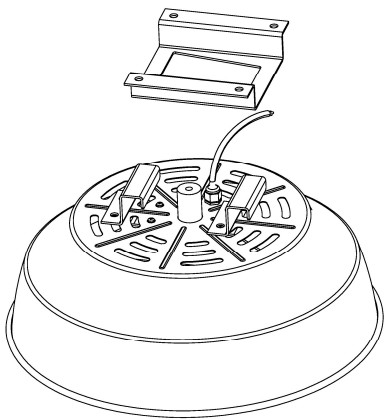
Specifications
High Bay Light TF7A Series

Dimensions



TF7A	-2	-3	-4
D	475mm(1 ft 6 ⁴⁵ / ₆₄ inch)		
H	235mm (9 ¹ / ₄ inch)		

Mounting Options

Hook Mount	Pendant Mount	Surface Mount
 (Standard)		

Specifications

High Bay Light TF7A Series

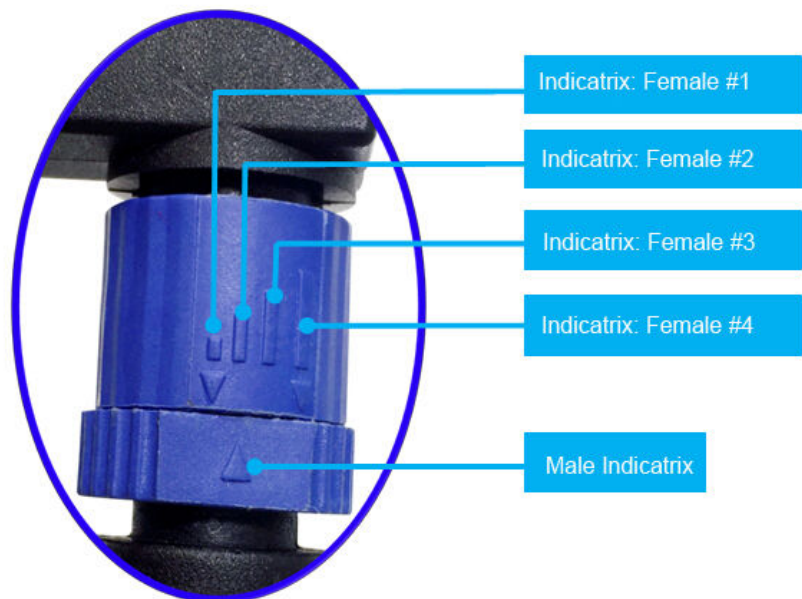
Installation

Hook Mount (Standard)



1. Connect the hanging ring with the mounting hook/steel wire rope/iron chain (installed already).
2. Connect wires. (voltage to black, white to common, green to ground)

Connectors Operation Guide



Spin the male terminal clockwise. When the male indicatrix points between indicatrix female #2 and #3, and the gap between male and female terminals is extremely small, the connectors are well connected; otherwise, there will be risks in its waterproof performance.

When the gap between male and female terminals is extremely small, if any looseness can be sensed, please spin the male terminal clockwise until tight.

Specifications

High Bay Light TF7A Series

Ordering Information

Example: TF7AS- 2- 120- SR- M1L- 3540- 7- 40- MW

Ordering Information	TF	7A	S	-	2	-	120	BK	-	M1	L	3540	-	7	40	-	MW	
	1	2	3		4		5	6		7	8	9		10	11		12	
1. Luminary Type	T: Street light			TS: Tunnel light			TF: High bay light			FL: Flood light			GL: Garden light					
2. Luminary Series	11A		1B		1D		1F		2A		2C		3A		3B			
3. Driving Current	Blank/N: ≤700mA					S: > 700mA												
4. Module Qty	N: Non-modular luminary					1: 1 module		2: 2 modules		3: 3 modules		4: 4 modules						
5. System Power	10: 10W		20: 20W		30: 30W		40: 40W		50: 50W									
6. Housing Color	BK: Black			WH: White			GY: Grey			SR: Silver			BU: Blue					
	BUWH: Blue top & White base						BUGY: Blue top & Grey base			OTH: Other								
7. Module Series	Blank: Non-modular luminary						M1: M1 module		M2: M2 module		M8: M8 module							
8. LED Brand	L: LUMILEDS			C: CREE		O: OSRAM		N: NICHIA		S: SAMSUNG			OTH: Other					
9. Lens Code	3501		3100		3702		3910		2701		5703		3040		1812		1412	
10. CRI	6: ≥60			7: ≥70			8: ≥80		9: ≥90		OTH: Other							
11. CCT	30: 3000K			40: 4000K			50: 5000K		57: 5700K									
12. Driver Brand	MO: MOSO			MW: MEAN WELL			PH: PHILIPS			IN: INVENTRONICS			AD: ADAYO			OTH: Other		

*Ordering information is for reference only. Some product configurations are not available. Please consult Specifications for specific product availability and for further details