

TF33 Series


LED High Bay Light



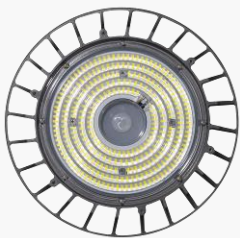
Specifications

Input Voltage:	100 ~ 277Vac
Input Frequency:	50 / 60Hz
Power Factor:	0.95
Surge Protection Level:	6kV line-earth
Working Environment:	-40°C ~ +50°C, 10% ~ 90% RH
CCT:	3000K, 4000K, 5000K, 5700K
CRI:	≥70
Housing:	Die-cast aluminum
IP Rating of Luminaire	IP65
IP Rating of LED Engine	IP66
Warranty:	5 Years Limited

Finishing Colors

 Dark Gray

Photos



Features

Construction

- Whole structure heating dissipation design with efficient thermal conduction, radiation and convection.
- Optional aluminum shade for visual comfort.

Electrical

- Unmatched lighting performance, driver stability and desirable lifetime.
- 0-10V/ DALI, wireless/ microwave sensor control, optimized lighting and energy-saving effect.

Optical

- Ergonomic and uniform lighting distribution designs.

Applications

- Factory facilities (plant, office, warehouse....)
- Area lighting (exhibition hall, convention center, garage....)
- Indoor sports facilities (gym, club...)

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Ordering Information

Example: TF33C-N1-100-CA-264-1531-7040-LU-MO-DG

Luminaire Type	Module Qty	System Power	LED Package	Cable Standard	LED Qty per Module
TF High bay light	N1 1 Module	80 80W 100 100W 120 120W 150 150W 180 180W 200 200W	C 3030 LEDs	A CCC+VDE C PSE H UL X OTHERS	224 224pcs 304 304pcs 380 380pcs 494 494pcs
33C 33C series 33D 33D series					
Lens Code		CRI & CCT	Brand of LEDs	Driver Brand	Housing Color
1531 60 degree 1532 90 degree	1533 60 degree 1534 90 degree	7030 Ra≥70, 3000K 7040 Ra≥70, 3000K 7050 Ra≥70, 3000K 7057 Ra≥70, 3000K	LU Lumileds XX Others	MO MOSO XX Others	DG Dark Gray

Performance

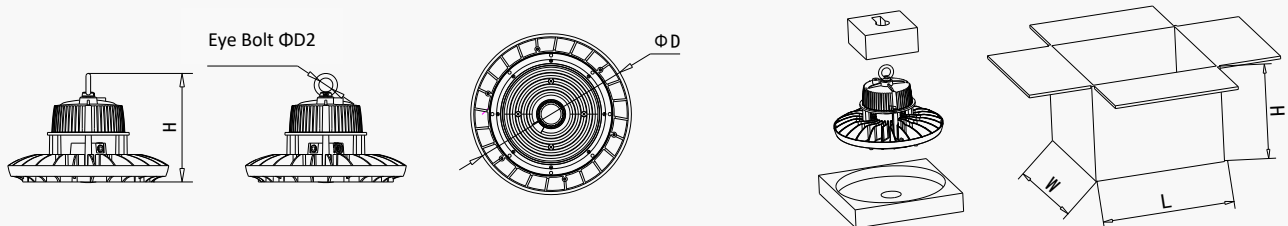
Model	Power (W)	LED Quantity (pcs)		Efficacy (lm/W)	Flux (lm)
		Non-isolated Driver	Isolated Driver		
TF33C	80	228	224	170	13600
	100	266	264	170	17000
	120	304	304	170	20400
	150	380	380	170	25500
TF33D	180	456	456	170	30600
	200	494	490	170	34000

Note: Values shown are subject to ±5%~±8% tolerance. Efficacy and flux above refers to Ra70, CCT≥4000K. Efficacy of 3000K is 5% lower.

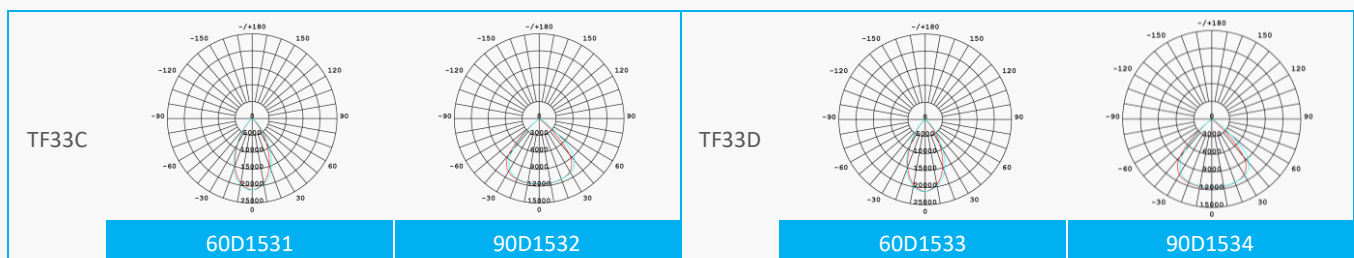
Product Dimensions

Model	Lamp ΦD*H (mm)	Package L*W*H (mm)	Eye Bolt ΦD2 (mm)	N.W. (kg)	G.W. (kg)
TF33C	Φ300*200	320*320*255	M10	2.9	3.5
TF33D	Φ335*205	370*370*275	M10	3.6	4.5

Notes: Typical values above. Tolerance of H and N.W. with different drivers: 5%



Typical Distributions



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Controlling Accessories

Function:

- Zigbee based controlling or motion detecting
- Wireless reset and connection
- Peak inrush current and ESD protection
- Output short circuit protection
- Multiple options on detecting range
- Dimming could be customized
- Daylight priority



Integrated Motion Sensor



Socket Cover + Zhaga Receptacle

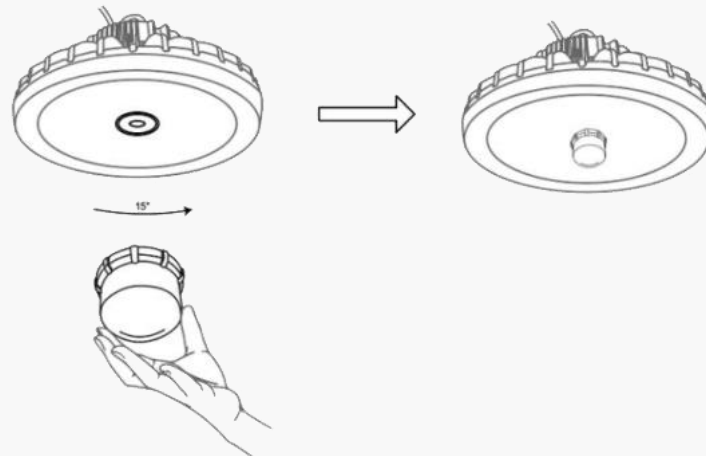


Motion Sensor + Zhaga Receptacle



Zigbee Control + Zhaga Receptacle

Installation:



Optional Accessories

- Lamp shade

Model	Product Dimension ΦD*H
TF33C	Φ477*310mm
TF33D	Φ501*315mm



Version History

Change Date	Version	Description of Change		
		Item	From	To
2022/03/23	Rev. A	Pre-Release		
2022/07/26	Ver.1.0	Datasheet release		