



APPLICATION

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

SPECIFICATION

(TF21, TF29)

Input Voltage:	100 ~ 277Vac
Input Frequency:	50 / 60Hz
Power Factor:	0.95
Surge Protection Level:	6kV line-earth (For ≤60W, 4kV line-earth)
Working Environment:	-40°C~ +45°C, 10% ~ 90% RH
CCT:	3000K, 4000K, 5000K, 5700K
CRI:	≥70
Housing:	(TF21): Die-cast aluminum (TF29): aluminum
IP Rating of LED Light Engine	IP68
IP Rating of LED Driver:	IP65
Warranty:	5 Years Limited

FEATURES

(TF21)

Construction

- Whole structure heating dissipation design with efficient thermal conduction, radiation and convection.
- Integrated lampshade reduces glare
- A round shape style continued from traditional lamps.

Electrical

- Flexible to reach desired power consumption by choosing appropriate light engines and drivers.

Optical

- Ergonomic and uniform lighting distribution designs.

(TF29)

Construction

- Whole structure heating dissipation design with efficient thermal conduction, radiation and convection.
- UFO appearance with big surface of light output.

Optical

- Ergonomic and uniform lighting distribution designs.
- Unmatched lighting performance, driver stability and desirable lifespan;

Electrical

- Wide coverage of power consumptions;

ORDERING INFORMATION

For example: TF21B-N1-100-1863-7040-LU-MO-BKGY

Luminaire Type	Module Qty	System Power	LED Package	Cable Standard	LED Qty per Module
TF High bay light	N 1 module	60 60W	C 3030 LEDs	A CCC+VDE	56 56pcs
21A 21A series		80 80W		C PSE	104 104pcs
21B 21B series		100 100W		H UL	152 152pcs
21C 21C series		120 120W		X Others	208 208pcs
21D 21D series		150 150W			
		200 200W			

Lens Code		CRI & CCT	Brand of LEDs	Driver Brand	Housing Color
1861 60 degree	1862 90 degree	7030 Ra≥70,3000k	LU Lumileds	MO MOSO	BK Black
1863 60 degree	1864 90 degree	7040 Ra≥70,3000k	XX OTHERS	XX OTHERS	BKWH Black WHITE
2895 60 degree	2896 90 degree	7050 Ra≥70,3000k			BKGY Black Gray
2897 60 degree	2898 90 degree	7057 Ra≥70,3000k			

For example: TF29C-N1-100-CA-120-3873-7040-LU-MO-BKGY

Luminaire Type	Module Qty	System Power	LED Package	Cable Standard	LED Qty per Module
TF High bay light	N 1 module	80 80W	C 3030 LEDs	A CCC+VDE	120 120pcs
29C 21C series		100 100W		C PSE	200 200pcs
29D 29D series		120 120W		H UL	240 240pcs
		150 150W		X Others	296 296pcs
Lens Code		180 180W 200 200W 240 240W CRI & CCT	Brand of LEDs	Driver Brand	Housing Color
3873 60 degree 3841 60 degree 3843 120 degree	3874 90 degree 3842 90degree	7030 Ra≥70,3000k 7040 Ra≥70,3000k 7050 Ra≥70,3000k 7057 Ra≥70,3000k	LU Lumileds XX OTHERS	MO MOSO XX OTHERS	BKGY Black gray

PERFORMANCE

(TF21)

Model	Power(W)	LED Quantity (PCS)	Efficacy(lm/W)	Flux (lm)	CRI	CCT (K)
TF21A	60	56	120	7200		
	80	104	133	10640		3000,
TF21B	100	104	127	12700	≥70	4000,
	120	152	133	15960		5000,
TF21C	150	152	127	19050		5700,
	180	208	130	23400		
TF21D	200	208	127	25400		

(TF29)

Model	Power (W)	LEDQuantity (PCS)	Efficacy (lm/W)	Flux (lm)	CRI	CCT (K)
	80	120	137			
	100	120	130	13000		3000,
TF29C	120	120	125	15000	≥70	4000,
	150	200	135	20250		5000,
TF29D	180	240	135	24300		5700,
	200	240	130	26000		
	240	296	130	31200		

Note: 1. Values shown are subject to ±5%~±8% tolerance.

2. Efficacy and flux above refers to Ra70, CCT≥4000K. Efficacy of 3000K is 5% lower

Product Dimensions

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

(TF21)



Model	ΦD1 (mm)	H (mm)	ΦD2 (mm)	N.W (kg)
TF21A	Φ240	160	Φ20	1.6
TF21B	Φ330	245	Φ25	2.3
TF21C	Φ380	285	Φ30	3.3
TF21D	Φ415	300	Φ05	4.7

(TF29)



Model	ΦD1 (mm)	H (mm)	ΦD2 (mm)	N.W (kg)
TF29C	Φ315	190	M10	3.1
TF29D	Φ365	200	M10	4.6

(TF21)

DESCRIPTIONS

The luminaire contains constant-current driver(s) and LED lighting sources. It works under technical conditions as the product tables indicate.

TECHNICAL PARAMETER

LED High Bay Light								
Type	A		B		C		D	
Power	60W		100W		150W		200W	
Input Voltage	<input type="checkbox"/> 100~240V	<input type="checkbox"/> 100~277V	<input type="checkbox"/> 220~240V	<input type="checkbox"/> 120~277V	<input type="checkbox"/> 277~480V	<input type="checkbox"/> Other_____	Frequency	50/60Hz
Power Factor	0.95							
Working Environment	-40℃~+50℃，10%~90%RH							
Mounting Height	4~25m							
Dimensions	Φ 240x205mm		Φ 330x240mm		Φ 380x270mm		Φ 415x295mm	
Net Weight	1.5kg		2.2kg		3.2kg		4.5kg	
Project Area	0.046㎡		0.086㎡		0.114㎡		0.136㎡	
Degree of Protection	<input type="checkbox"/> IP54 <input type="checkbox"/> IP65 <input type="checkbox"/> IP66 <input type="checkbox"/> IP67 <input type="checkbox"/> Other _____							

Notes: N.W. and dimensions above are based on MOSO drivers. Other brands drivers are subject to tolerance of 5%.

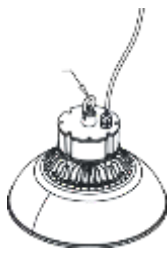
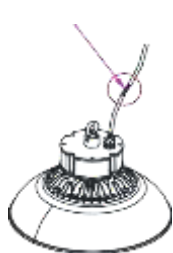
The power above are maximum rated power of the model subject to tolerance of 10%.

APPLICATION

Large rooms such as venue, hall, warehouse, factory, gas station, sports center, mall, supermarket, exhibition center, etc.

INSTALLATION

SPECIFICATIONS OF HANGING RING



1. Connect the wires to L, N, and G of AC input.

2. Hook and hang the luminaire to the ceiling. Installation finished.

DriverBrand	Power Specification of Hanging Ring	60W 以下	80~100W	120~150W	180~200W
MOSO			M10	M12	M12
MEAN WELL			M10	M10	M10
SOSEN		M8	M10	M12	M12

(TF29)

DESCRIPTIONS

The luminaire contains a constant-current driver and LED light sources. It works under technical conditions as the product labels indicate.

TECHNICAL PARAMETER

LED High Bay Light									
Type	C					D			
Power	150W					240W			
Input Voltage	<input type="checkbox"/> 100~240V	<input type="checkbox"/> 100~277V	<input type="checkbox"/> 220~240V	<input type="checkbox"/> 120~277V	<input type="checkbox"/> 277~480V	Other	_____	Frequency	50/60Hz
Power Factor	0.95								
Working Environment	-40°C~+45°C								
Mounting Height	4~25m								
Dimensions	Φ315x180mm					Φ365x190mm			
Net Weight	3.1kg					4.6kg			
Project Area	0.077m²					0.105m²			
Degree of Protection	<input type="checkbox"/> IP65								

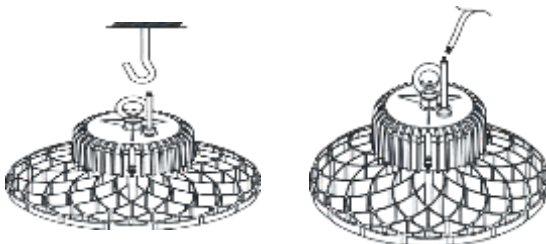
Notes: N.W. and dimensions above are based on SOSEN drivers. Other brands drivers are subject to tolerance of 5%.

The power above are maximum rated power of the model subject to tolerance of 10%.

APPLICATIONS

Large rooms such as venue, hall, warehouse, factory, gas station, sports center, mall, supermarket, exhibition center, etc.

INSTALLATION



1. Mount the luminaire with a hook or chains.
2. Connect the input wires to AC power supply correctly. Installation finished.

SPECIFICATIONS OF HANGING RING

Driver Brand	Power			
	80~100W	120~150W	180~200W	240W
MOSO	M10	M10	M10	M10
MEAN WELL	M10	M10	M10	M10
SOSEN (Isolated)	M10	M12	M12	

WIRING

Power Supply End	Earth wire	Neutral wire	Live wire
Fixture End	Yellow-green lead	Blue lead	Brown lead
	Green lead	White lead	Black lead

CAUTION

- a Disconnect or turn off power before installation, maintenance and wiring.
- b Cable connection must be insulated and waterproof.
- c For luminaires with glass cover: the cover is made of tempered glass which shatters into small pieces without sharp edges when it breaks. Application condition: -30°C~100°C; maximum temperature rise $\Delta t 60^{\circ}\text{C}$.
- d The light source of this luminaire is not replaceable. When the light source's lifetime comes to an end, it is the whole luminaire that should be replaced.

Warning: Danger! Electric

shock risk! (via IEC 60417-6042 (2011-11))

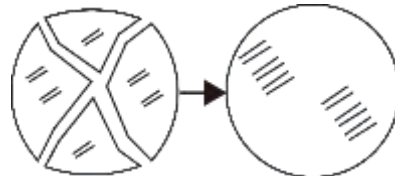


For luminaires with glass cover: The broken cover should be replaced.

Rectangle



Round



The luminaire shall be installed by a qualified electrician and wired in accordance with the latest IEE electrical regulations or the national requirements.



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling

REMARKS

1. This luminaire uses permanent connection on power supply with flexible cable and wires (60245 IEC57). Sufficient length of cable is reserved for connection to AC power. Protection over the connection joint and elimination of tensile force there should be ensured.
2. This luminaire uses type Z attachment: the external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.
3. Wiring: the connection to AC power should be operated on terminal blocks in a wiring box with a degree of protection at least equivalent to the luminaire, and there should be devices to fixate wires.
4. The luminaire can be mounted onto ordinary combustible surfaces.