

TF2C

LED High Bay Light



Specifications

Input Voltage:	200 ~ 480Vac
Input Frequency:	50 / 60Hz
Power Factor:	0.95
Surge Protection Level:	10kV line-earth
Working Environment:	-40°C ~ +45°C, 10% ~ 90% RH
CCT:	3000K, 4000K, 5000K, 5700K
CRI:	≥70 ≥80 ≥90
Housing:	Aluminum
IP Rating of LED Light Engine	IP68
IP Rating of LED Driver:	IP67
Warranty:	5 Years Limited
Dimming control options:	1-10V DALI

Finishing Colors

	Gray		Black
	White		Blue

Applications

- Factory facilities (plant, workshop, warehouse....)
- Area lighting (exhibition hall, convention center, garage....)
- Sports facilities (gym, club...)

Features

Construction

- Whole structure heating dissipation design with efficient thermal conduction, radiation and convection.
- Unique patented IP68 LED light engines.
- Tool-less onsite replacement of light engines greatly reduces maintenance cost.

Electrical

- TFlexible to reach desired power consumption by choosing appropriate light engines.

Optical

- Ergonomic and specialized lighting distributions available for various area lighting.
- Angle adjustable within $\pm 60^\circ$ with mounting brackets.

Photos



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Ordering Information

Example: TF2C-4-240-M8B-CA-63-2360-7040-LU-MO-GY

Luminaire Type	Module Qty	System Power	LED Module	LED Package	Cable Standard	LED Qty per Module
TF High bay light	1 1 module	40 40W	M8B M8B module	A 3030	A CCC+VDE	63 63pcs
	2 2modules	50 50W	M16B M16B module		C PSE	28 28pcs
		60 60W		B 5050	H UL	
2C 2C series	6 6 modules				X Others	
	7 7 modules	420 420W				
	8 8 modules	480 480W				

Lens Code	CRI & CCT	Brand of LEDs	Driver Brand	Housing Color
1010 110degree	7030 Ra≥70, CCT 3000K	LU LUMILEDS	IN INVENTRONICS	BK Black
3040 Type Vs Short	7040 Ra≥70, CCT 4000K	CM LUMILEDS	MO MOSO	WH White
1325 25 degree	8050 Ra≥80, CCT 5000K	PH Customized	PH PHILIPS	BU Blue
5340 40 degree	9057 Ra≥90, CCT 5700K	SS SAMSUNG	MW MEAN WELL	GY Gray
2360 60 degree		NI NICHIA	XX Others	
3125 25 degree		CR CREE		
3140 40 degree		LN LUMINUS		
3160 60 degree		XX Others		
2190 90 degree				
2211 90x40 degree				
2310 Lambertian type				
3504 80x40 degree				
3505 70x30 degree				

Performance

3030LED

Model	Power (W)	CRI70,		CRI80,		CRI90,	
		3000K/4000K/5000K/5700K		3000K/4000K/5000K/5700K		3000K/4000K/5000K/5700K	
		Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)
TF2C-1	40	148	5920	133	5320	127	5080
	50	143	7150	127	6350	121	6050
	60	138	8280	121	7260	115	6900
TF2C-2	80	160	12800	146	11680	138	11040
	100	155	15500	139	13900	131	13100
	120	150	18000	132	15840	125	15000
TF2C-3	120	160	19200	146	17520	138	16560
	150	155	23250	139	20850	131	19650
	180	150	27000	132	23760	125	22500
TF2C-4	160	160	25600	146	23360	138	22080
	200	155	31000	139	27800	131	26200
	240	150	36000	132	31680	125	30000
TF2C-5	200	160	32000	146	29200	138	27600
	250	155	37200	139	34750	131	32750
	300	150	45000	132	39600	125	37500
TF2C-6	240	160	38400	146	35040	138	33120
	300	155	46500	139	41700	131	39300
	360	150	54000	132	47520	125	45000
TF2C-7	280	160	44800	146	40880	138	38640

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	350	155	55800	139	48650	131	45850
	420	150	63000	132	55440	125	52500
TF2C-8	320	160	51200	146	46720	138	44160
	400	155	62000	139	55600	131	52400
	480	150	72000	132	63360	125	60000

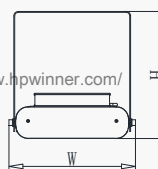
Note: 1. Values shown are subject to $\pm 5\% \sim \pm 8\%$ tolerance.

2. Efficacy of Ra70 3000K is 5% lower than other CCT $\geq$ 4000K.

5050LED

Model	Power (W)	CRI70,		CRI80,		CRI90,	
		3000K/4000K/5000K/5700K		3000K/4000K/5000K/5700K		4000K/5000K/5700K	
		Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)
TF2C-1	40	173	6920	155	6200	147	5880
	50	170	8500	147	7350	140	7000
	60	167	10020	140	8400	133	7980
TF2C-2	80	185	14800	170	13600	157	12560
	100	182	18200	161	16100	150	15000
	120	178	21360	153	18360	145	17400
TF2C-3	120	185	22200	170	20400	157	18840
	150	182	27300	161	24150	150	22500
	180	178	32040	153	27540	145	26100
TF2C-4	160	185	29600	170	27200	157	25120
	200	182	36400	161	32200	150	30000
	240	178	42720	153	36720	145	34800
TF2C-5	200	185	37000	170	34000	157	31400
	250	182	45500	161	40250	150	37500
	300	178	53400	153	45900	145	43500
TF2C-6	240	185	44400	170	40800	157	37680
	300	182	54600	161	48300	150	45000
	360	178	64080	153	55080	145	52200
TF2C-7	280	185	51800	170	47600	157	43960
	350	182	63700	161	56350	150	52500
	420	178	74760	153	64260	145	60900
TF2C-8	320	185	59200	170	54400	157	50240
	400	182	72800	161	64400	150	60000
	480	178	85440	153	73440	145	69600

Product Dimensions



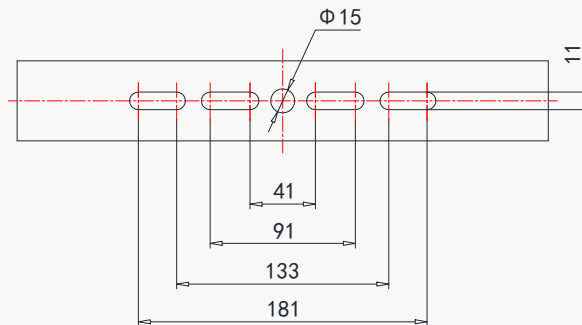
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Model	L (mm)	W (mm)	H (mm)	N.W. (kg)
TF2C-1	95	360	200	3.6
TF2C-2	175	360	200	4.7
TF2C-3	255	360	260	6.0
TF2C-4	335	360	260	7.3
TF2C-5	415	360	360	9.5
TF2C-6	495	360	360	10.4
TF2C-7	575	360	360	11.9
TF2C-8	655	360	360	3.1

Notes: Typical values above. Actual N.W. is subject to tolerance of 5%. Dimension tolerance: $\pm 5\text{mm}$

Installation Bracket



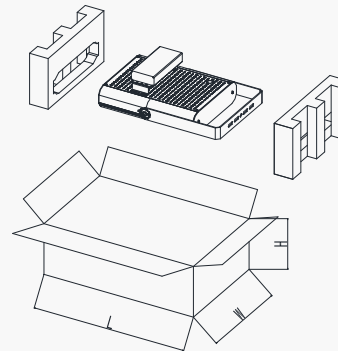
TF2C-1/ -2/ -3/ -4/ -5/ -6/ -7/ -8

Notes: Unite: mm. Tolerance $\pm 0.5\text{mm}$.

Package Information

Model	L (mm)	W (mm)	H (mm)	G.W. (kg)
TF2C-1	430	265	230	4.1
TF2C-2	430	265	330	5.4
TF2C-3	430	335	330	7.0
TF2C-4	475	430	210	8.5
TF2C-5	615	430	240	11.0
TF2C-6	660	430	240	12.0
TF2C-7	695	430	240	13.5
TF2C-8	785	430	260	14.8

Notes: Typical values above. Tolerance of dimensions: $\pm 5\text{mm}$. Tolerance of G.W.: 5%.



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Typical Distributions

