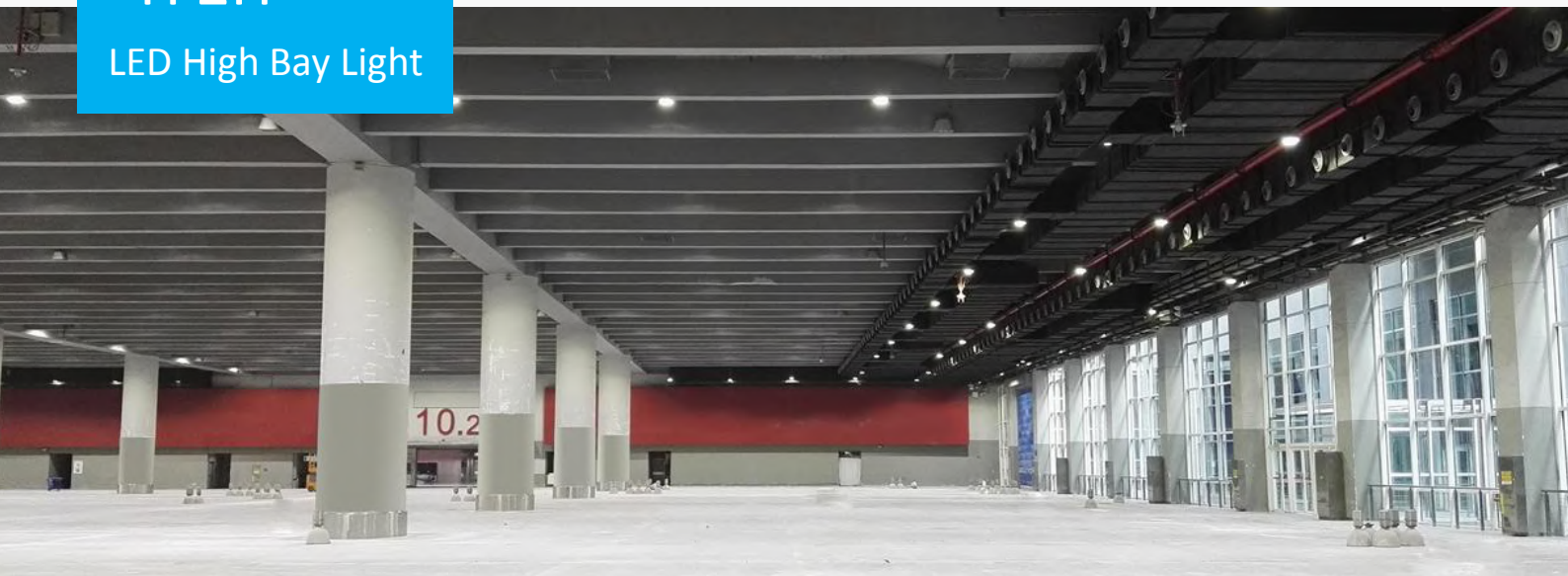


TF2H





LED High Bay Light



Specifications

Input Voltage:	100 ~ 277Vac
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
Housing:	Extrusion, Galvanized Steel
IP Rating of LED Light Engine	IP68
IP Rating of LED Driver:	IP67
Impact Resistance	IK08
Warranty:	5 Years Limited

Bracket Colors

	Gray		Black
	White		Blue

Applications

- Large industrial hall (production, processing, machining...)
- Large indoor area (warehouse, logistic hall, supermarket, sport club, exhibition center...)

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

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

Optical

- Ergonomic and specialized lighting distributions available for various lighting applications.

Installation

- Angle adjustable within $\pm 60^\circ$ with mounting brackets.

Photos



TF2H

LED High Bay Light

Ordering Information

Example: TF2H-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	M1A M1A module	A 3535	A CCC+VDE	18 18pcs
	2 2 modules	50 50W	M2A M2A module		C PSE	
2H 2H series	3 3 modules	60 60W			H UL	63 63pcs
	M8B M8B module	C 3030	X Others	
	7 7 modules	400 400W		B 5050		
	8 8 modules	480 480W	M16B M16B module			
						18 18pcs
						28 28pcs

Lens Code	CRI & CCT	Brand of LEDs	Driver Brand	Bracket 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
1908 12 degree	7050 Ra≥70, CCT 5000K	Customized	PH PHILIPS	BU Blue
3725 25 degree	7057 Ra≥70, CCT 5700K	SS SAMSUNG	MW MEAN WELL	GY Gray
3540 40 degree		NI NICHIA	XX Others	
1325 25 degree		CR CREE		
5340 40 degree		LN LUMINUS		
2360 60 degree		XX Others		
3125 25 degree				
3140 40 degree				
3160 60 degree				
2190 90 degree				
2211 90x40 degree				
2310 Lambertian type				
3504 80x40 degree				
3505 70x30 degree				

Performance

Model	Power (W)	Module M1A/M2A-VA-18		Module M8B-VC-63		Module M16B-VB-18		Module M16B-VB-28	
		Efficacy (lm/W)	Flux (lm)	Efficacy (lm/W)	Flux (lm)	Efficacy (lm/W)	Flux (lm)	Efficacy (lm/W)	Flux (lm)
TF2H-1	40	130	5200	135	5400	152	6080	168	6720
	50	122	6100	130	6500	145	7250	163	8150
	60	117	7020	122	7320	133	7980	155	9300
TF2H-2	80	137	10960	140	11200	160	12800	175	14000
	100	130	13000	135	13500	150	15000	170	17000
	120	122	14640	127	15240	140	16800	163	19560
TF2H-3	120	137	16440	140	16800	160	19200	175	21000
	150	130	19500	135	20250	150	22500	170	25500
	180	122	21960	127	22860	140	25200	163	29340
TF2H-4	160	137	21920	140	22400	160	25600	175	28000
	200	130	26000	135	27000	150	30000	170	34000
	240	122	29280	127	30480	140	33600	163	39120
TF2H-5	200	137	27400	140	28000	160	32000	175	35000
	250	130	32500	135	33750	150	37500	170	42500
	300	122	36600	127	38100	140	42000	163	48900
TF2H-6	240	137	32880	140	33600	160	38400	175	42000
	300	130	39000	135	40500	150	45000	170	51000
	360	122	43920	127	45720	140	50400	163	58680
TF2H-7	280	137	38360	140	39200	160	44800	175	49000
	350	130	45500	135	47250	150	52500	170	59500
	420	122	51240	127	53340	140	58800	163	68460
TF2H-8	320	137	43840	140	44800	160	51200	175	56000
	400	130	52000	135	54000	150	60000	170	68000
	480	122	58560	127	60960	140	67200	163	78240

Note: 1. Values shown are subject to ±5%~±8% tolerance. 2. Efficacy of Ra70 3000K is 5% lower than other CCT≥4000K.

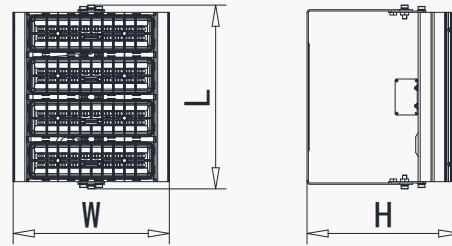
TF2H

LED High Bay Light

Product Dimensions

Model	L (mm)	W (mm)	H (mm)	N.W. (kg)
TF2H-1	105	300	290	2.4
TF2H-1 (wide)	120	300	290	2.5
TF2H-2	190	300	290	3.8
TF2H-3	270	300	290	5.2
TF2H-4	350	300	290	6.2
TF2H-5	430	300	355	11.2
TF2H-6	480	300	355	12.5
TF2H-7	560	300	355	14.3
TF2H-8	640	300	355	15.6

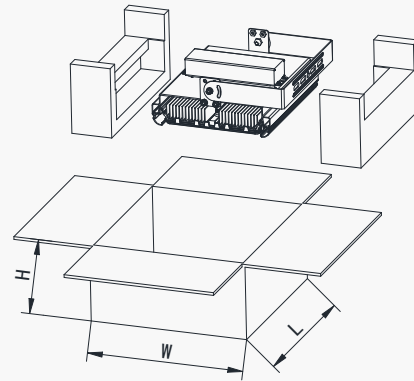
Notes: Typical values above. Actual N.W. is subject to tolerance of 5%.



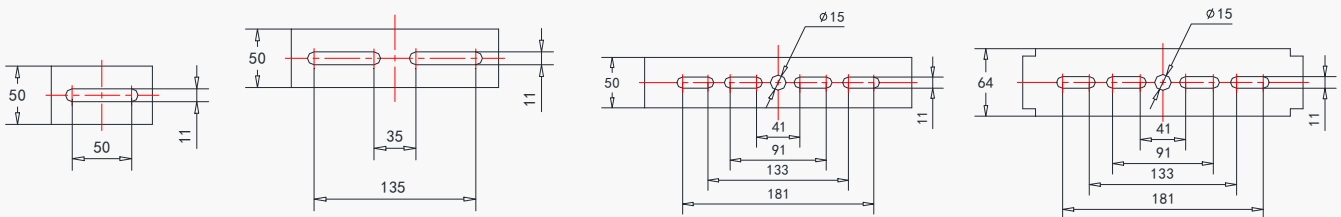
Package Information

Model	L (mm)	W (mm)	H (mm)	G.W. (kg)
TF2H-1	390	165	190	2.8
TF2H-1 (wide)	390	165	190	2.9
TF2H-2	390	245	190	4.3
TF2H-3	390	325	190	5.8
TF2H-4	390	405	190	6.9
TF2H-5	425	505	225	12.5
TF2H-6	425	575	225	13.9
TF2H-7	425	655	230	15.7
TF2H-8	642	735	230	17.2

Notes: Typical values above. Actual G.W. is subject to tolerance of 5%.



Installation Bracket



TF2H-1

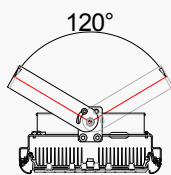
TF2H-2

TF2H-3/ -4/ -5/ -6

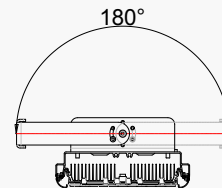
TF2H-7/ -8

Tolerance: ± 0.5

Bracket Adjustment



TF2H-1/ 2/ -3/ -4

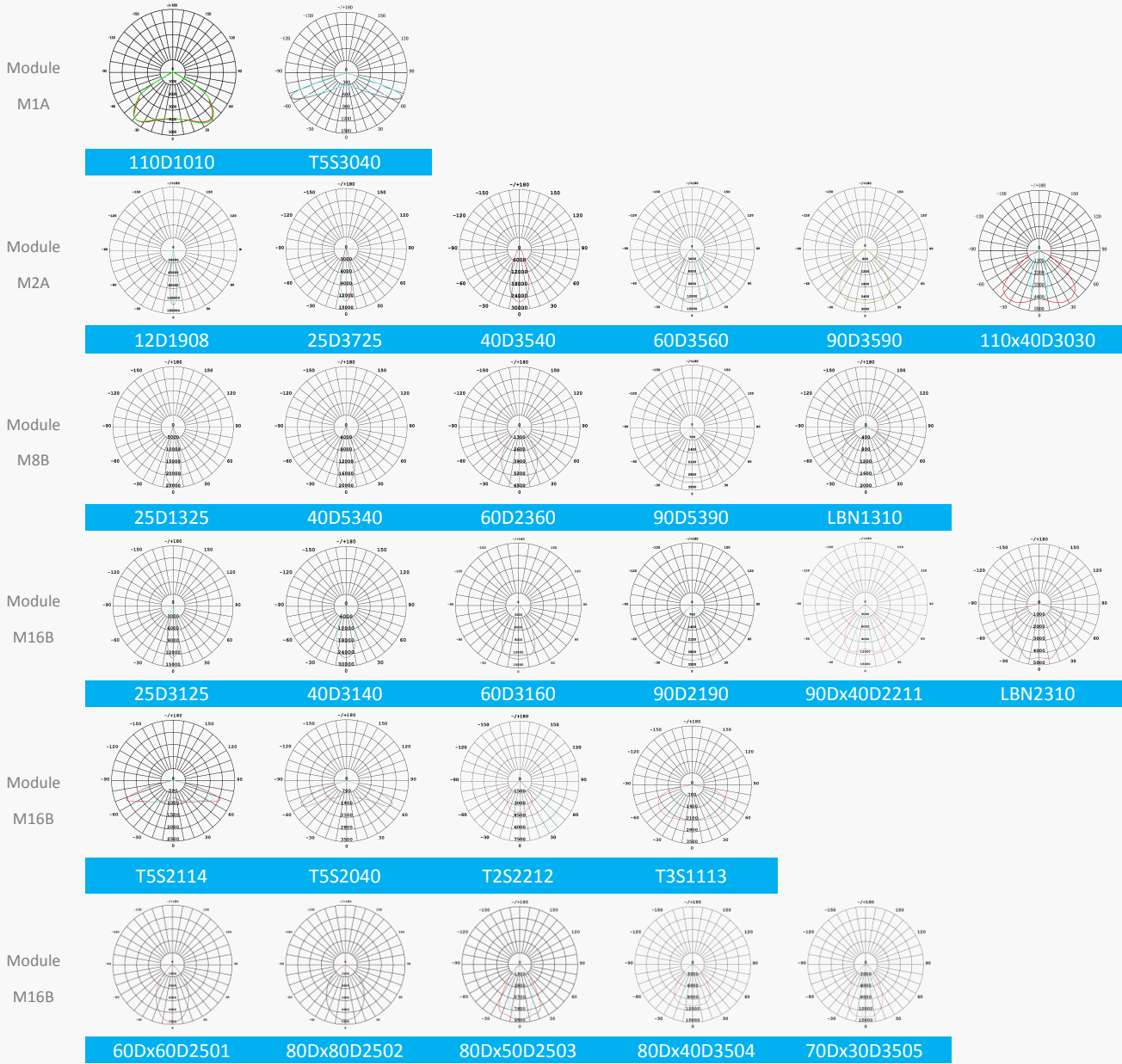


TF2H-5/ 6/ -7/ -8

TF2H

LED High Bay Light

Typical Distributions



Version History

Change Date	Version	Item	Description of Change	
			From	To
2016/11/29	Rev1.0	Datasheets Release	/	/
2017/05/11	Rev1.1	Lighting Distributions		Added
2018/04/08	Rev1.2	Working Environment & Storage Temperature	-40°C~+50°C	-40°C~+45°C
2018/03	Rev1.3	Improvement on efficacy of M1A/M2A/M8B		
2019/08/26	Ver. 2.0	New format Efficacy upgrade New lighting distributions added Company logo update	/	/