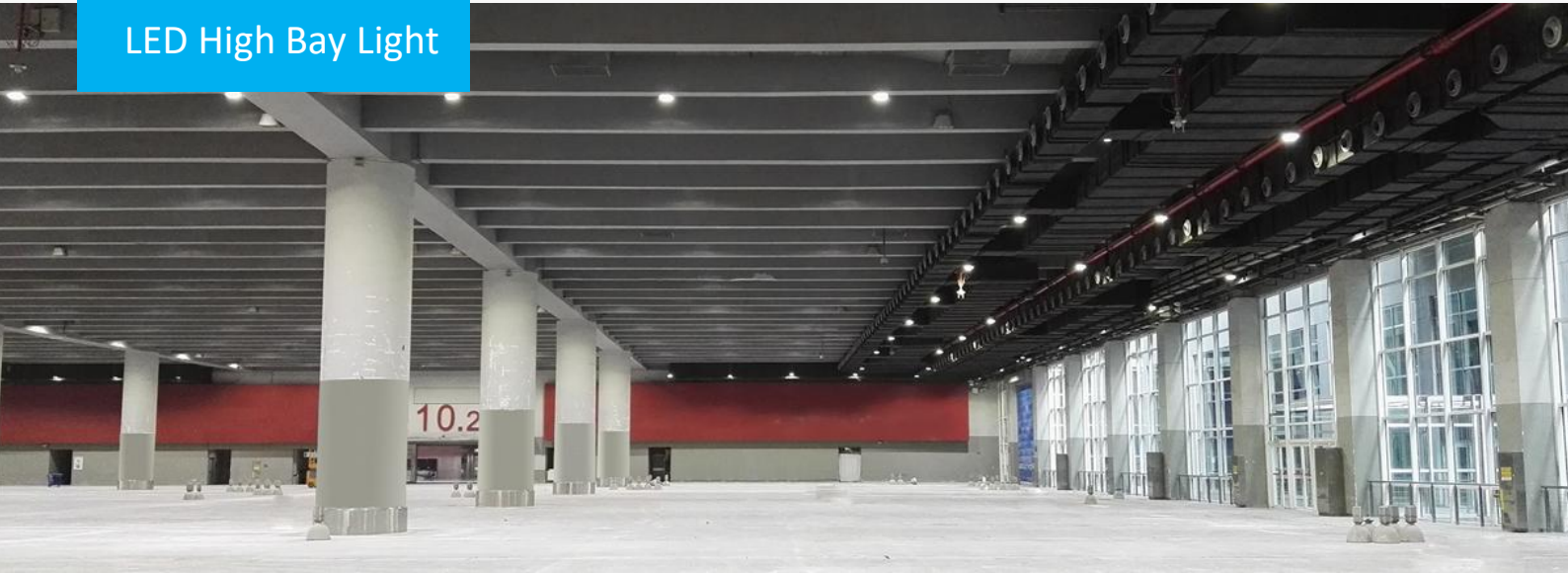


TF2C Series

LED High Bay Light



Specifications

Input Voltage:	100 ~ 240Vac
Input Frequency:	50 / 60Hz
Power Supply Efficiency ^[2] :	88~92%
Power Factor (PF) ^[3] :	0.95
Surge Protection Level:	≥10kV line earth
Operating Environment:	-40℃~ +45℃
Storage Environment:	-40℃~ +50℃
Correlated Color Temperature (CCT):	3000K, 4000K, 5000K, 5700K
Color Rendering Index (CRI):	Ra≥70
IP Rating of Module:	IP68
IP Rating of Luminaire:	IP65
IK Rating:	IK08
Main Housing:	Extruded aluminum

Applications

- Industrial lighting (plants, offices and warehouses, etc.)
- Area lighting (exhibition halls, convention centers, and parking lots, etc.)
- Sports venue lighting

Note:

[1] The product's specialized treatment allows for reliable performance in challenging conditions, including coastal and high-UV regions, and other unique environment.

[2] Power supply efficiency is a typical value and is subject to actual measurements.

[3] Power factor is a typical value and is subject to actual measurements.

Features

- Honeycomb and full-structure heat dissipation technology for superior cooling performance
- Modular plug-in design for easy maintenance
- Adjustable mounting bracket with ±60° tilt range
- Dual-seal IP68 protection for reliable dust & water resistance
- Ergonomic light distribution designs for uniform area illumination
- High-quality surface treatment for premium durability & finish^[1]

Finishing Colors

	BLACK		GRAY
	WHITE		

Photos



Ordering Information

Example: TF2C-4-240-M16A-VCA-63-2360-7040-LU-MO-GY

Luminary Type	Qty. of Modules	System Power	Module Type	Installation Interface	LEDs Type	Cable Type
TF2C	1 1 pcs	40 40W	M16A	V V-shaped	B 5050 C 3030	A CCC+VDE
	2 2 pcs	50 50W				H UL
						X OTHER
	7 7 pcs	420 420W				

Qty. of LEDs per Module	Lens Code				CRI&CCT	
28 28 pcs	1325 25D	2190 90D	2136 T2S	7030 Ra≥70, 3000K		
34 34 pcs	5340 40D	3125 25D	2138 T3M	7040 Ra≥70, 4000K		
63 63 pcs	2360 60D	3140 40D	2212 Sports Lighting	7050 Ra≥70, 5000K		
	5390 90D	3160 60D	1310 LBN	7057 Ra≥70, 5700K		
	2143 40D	1141 60D				
	1142 90D					

Brand of LEDs		Driver Brand		Housing Color	
LU	LUMILEDS	MO	MOSO	BK	Black
HP	HPWINNER	PH	PHILIPS	WH	White
XX	OTHER	IN	INVENTRONICS	GY	Gray
		XX	OTHER		

Note: Refer to Appendix 1 for detailed light distribution curves.

Performance

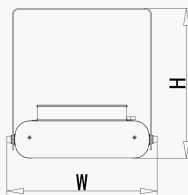
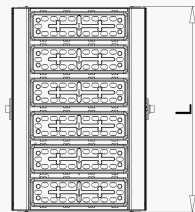
Model	Power (W)	3030 LEDs - 63 pcs		5050 LEDs - 28 pcs		5050 LEDs - 34 pcs	
		Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)	Efficacy (lm/W)	Lumens (lm)
TF2C-1	40	150	6000	170	6800	173	6920
	50	145	7250	165	8250	170	8500
	60	137	8220	158	9480	167	10020
TF2C-2	80	155	12400	175	14000	185	14800
	100	149	14900	170	17000	182	18200
	120	142	17040	163	19560	178	21360
TF2C-3	120	155	18600	175	21000	185	22200
	150	149	22350	170	25500	182	27300
	180	142	25560	163	29340	178	32040
TF2C-4	160	155	24800	175	28000	185	29600
	200	149	29800	170	34000	182	36400
	240	142	34080	163	39120	178	42720
TF2C-5	200	155	31000	175	35000	185	37000
	250	149	37250	170	42500	182	45500
	300	142	42600	163	48900	178	53400
TF2C-6	240	155	37200	175	42000	185	44400
	300	149	44700	170	51000	182	54600
	360	142	51120	163	58680	178	64080
TF2C-7	280	155	43400	175	49000	185	51800
	350	149	52150	170	59500	182	63700
	420	142	59640	163	68460	178	74760

Note: The above parameters are typical values, values shown are subject to ±5%~±8% tolerance. The luminous efficacy of a 3000K CCT is approximately 5% lower compared to a 4000K or higher CCT.

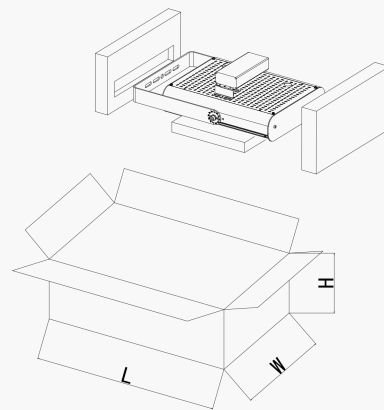
Dimensions

Model	Product Dimensions			Packing Dimensions			N.W. (kg)	G.W. (kg)
	L (mm)	W (mm)	H (mm)	L (mm)	W (mm)	H (mm)		
TF2C-1	95	360	200	285	430	150	3.5	4.1
TF2C-2	175	360	200	285	430	230	4.6	5.3
TF2C-3	255	360	260	335	430	330	5.9	6.7
TF2C-4	335	360	260	475	430	210	7.2	8.2
TF2C-5	415	360	360	615	430	240	9.4	10.8
TF2C-6	495	360	360	660	430	240	10.3	11.8
TF2C-7	575	360	360	695	425	235	11.8	13.3

Note: The above parameters are typical values, with an actual measurement tolerance of 5%~8%.

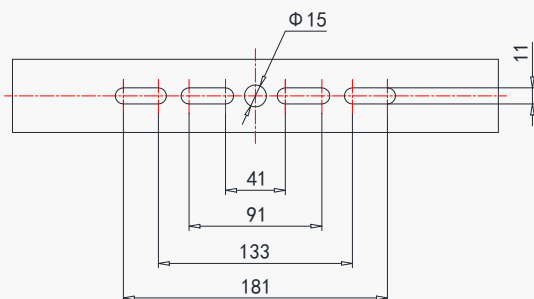


Product Diagram



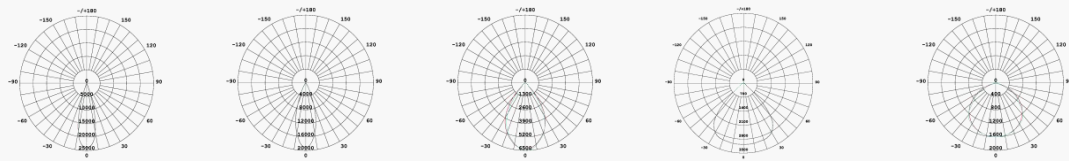
Packing Diagram

Mounting Hole Diagram



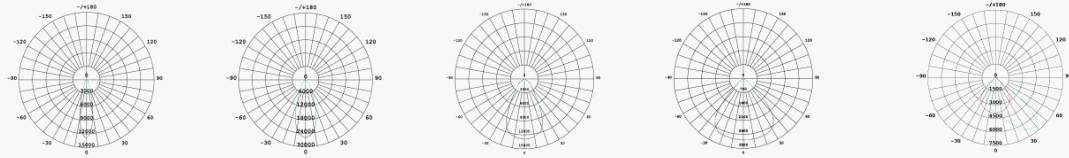
Appendix 1: Light Distribution Curves

3030 LEDs
63 pcs



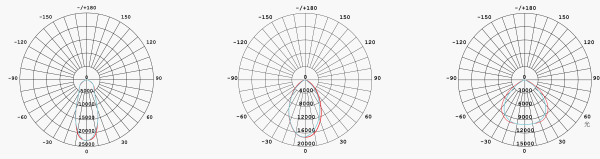
1325(25D)	5340(40D)	2360(60D)	5390(90D)	1310(LBN)
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5050 LEDs
28 pcs



3125(25D)	3140(40D)	3160(60D)	2190(90D)	2212(Sports Lighting)
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5050 LEDs
34 pcs



2143(40D)	1141(60D)	1142(90D)
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The data in the product specifications on the pages may be subject to change.
Please contact your dedicated account manager for the latest product details.

Aug. 2025