



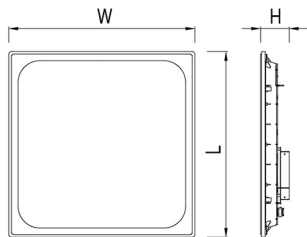
T-Bar

Applications

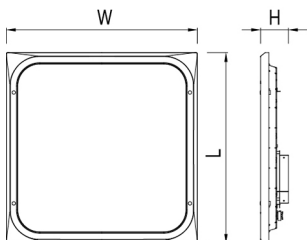
Business Meeting room
Office Business
Seminar room
Classroom
Hospital
Store

Certification

KC
UL
FCC
DLC



T-Bar



M-Bar

Description

Slim & Simple Design
No Dot
Dimming Control

Specifications

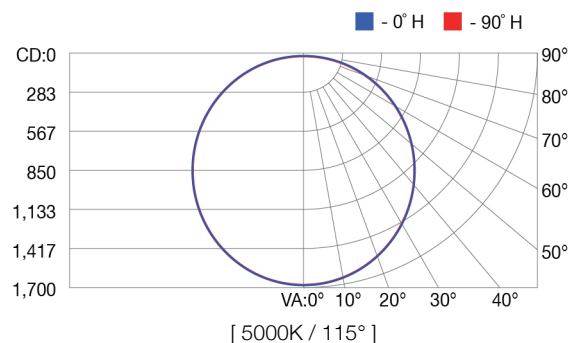
Model Name	T-Bar : BL220-50 / M-Bar : BL221-50	
Power Consumption	50W	
Correlated Color Temperature	5000K (3000K / 3500K / 4000K / 5700K available)	
Luminous Flux	Min. 5,000 lm	
Luminous Efficacy	Min. 100 lm/W	
LED Driving Current	62.5 mA	
Color Rendering Index	80 Ra	
Light Distribution	115° (Symmetry)	
LED Chip Manufacturer	SAMSUNG	
Input Voltage	100 - 240 Vac	100 - 277 Vac
Input Current	Max 0.435A (@120Vac)	Max 0.196A (@277Vac)
Power Factor	≥0.9 at Max load	
Frequency	50 ~ 60 Hz	
Surge Protection	Line-Line 2KV, Line-FG 4KV	
Driver Type	Constant Current (CC)	
Driver Manufacturer	KMW INC. / Made in Korea	
Size (W x L x H)	T-Bar	23.6 x 23.6 x 3.8 (inch) / 600 x 600 x 96.6 (mm)
	M-Bar	24.3 x 24.3 x 3.7 (inch) / 616 x 616 x 94.2 (mm)
Weight (Driver included)	7.9 lb	3.6 Kg
Material	Body	Polycarbonate, ABS
	Cover	Polycarbonate (Diffuser)
IP Rating	IP20	
Mounting Option	Recessed	
Operating Temperature	14°F ~ 122°F	-10°C ~ 50°C
Life Time	50,000 Hours (@77°F / 25°C)	
Warranty	5 Years (12 hours usage per day)	

Option

Control System	Wired (1-10V, IR) / Wireless (Remote Control)
-----------------------	---

Photometry

See photometric .ies files for details.



Control System (Optional)

1 – 10V	Wired Control
Factory Installed	The maximum quantity at the time of group control is according to dimmer switch and actuator supply wattage
IR (DMX512)	Wired Control
Input Voltage	5 Vdc
Max. Power Consumption	0.2 W (@5Vdc)
Communication Method	RS-485
Data Rate	250 bps, 8-N-2
Dimmer Level	PWM, 0 – 10 Vdc

Ordering Information

(Order Code Usage : BL220-50A50BMYN)

	000	-	00	0	00	00	0	0	
	Size		Power Consumption	Input Voltage	CCT(K)	Dimming Control	Group Dimming	Emergency	Separate Sold Option
BL	220=2x2^{FT} (600x600 *T-Bar only) 221=2x2^{FT} (616x616 *M-Bar only) 222=2x2^{FT} (596x596 *T-Bar only) 223=2x2^{FT} (622x622 *T-Bar only)		40=40W 45=45W 50=50W 60=60W	A=100~277V B=100~240V	30=3000 35=3500 40=4000 50=5000 57=5700	BM=1-10V IR=DMX512/IR	Y=Yes	Y=Yes N=No	1) Remote Control 2) RJ11 Cable