

T-Bar

Applications

Business Meeting room
Office Business
Seminar room
Classroom
Hospital
Store

Certification

KC

Description

Slim & Simple Design
No Dot
Dimming Control

Specifications

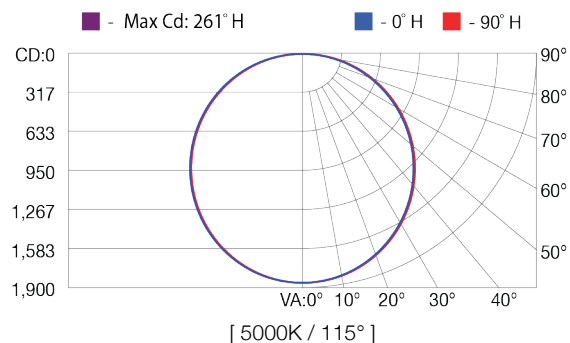
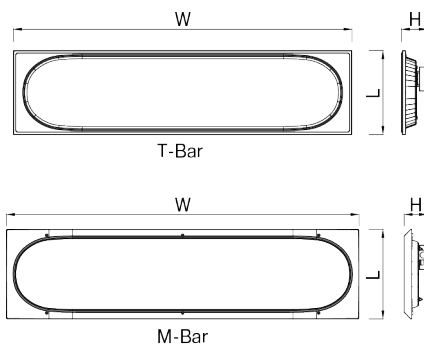
Model Name	T-Bar : VR140-50 / M-Bar : VR141-50	
Power Consumption	50W	
Correlated Color Temperature	5000K (3000K / 3500K / 4000K / 5700K available)	
Luminous Flux	Min. 5,000 lm	
Luminous Efficacy	Min. 100 lm/W	
LED Driving Current	62.5 mA	
Color Rendering Index	80 Ra	
Light Distribution	115° (Symmetric)	
LED Chip Manufacturer	SAMSUNG	
Input Voltage	100 - 240 Vac	100 - 277 Vac
Input Current	Max 0.54A (@100Vac)	Max 0.23A (@220Vac)
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	47.6 x 11.8 x 3.6 (inch) 1210 x 300 x 92.4 (mm)
	M-Bar	50.4 x 12.6 x 3.5 (inch) 1280 x 320 x 89.6 (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)
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Photometry

See photometric .ies files for details.



Control System (Optional)

0 – 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	15 Vdc
Max. Power Consumption	0.2 W (@15Vdc)
Communication Method	RS-485
Data Rate	38400 bps, 8-N-1
Dimmer Level	PWM, 0 – 10 Vdc

Ordering Information

(Order Code Usage : VR140-50A50BMYN)

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	Size		Power Consumption	Input Voltage	CCT(K)	Dimming Control	Group Dimming	Emergency	Separate Sold Option
VR	140 =1x4 ^{FT} (300x1210 *T-Bar only) 141 =1x4 ^{FT} (320x1280 *M-Bar only) 142 =1x4 ^{FT} (296x1196 *T-Bar only)		40 =40W 50 =50W 60 =60W	A =100~277V B =100~240V	30 =3000 35 =3500 40 =4000 50 =5000 57 =5700	BM =0-10V IR =DMX512/IR	Y =Yes	Y =Yes N =No	1) Remote Control 2) RJ11 Cable