

Smart TP-B7PRO Linear

TOPBAND Smart TP-B7PRO Linear Light series is a reliable lamp for indoor environment, which meets the requirements of offices, home, clinics, hospitals and care facilities. The light can be adjusted independently or group control via T-Smart Light.

Besides, linear light provides both a very glare-free light and a good working light for the care. Optionally, all luminaires are available with different connecting ways. The carefully designed functional luminaire contains light sources of energy efficiency.



Product Features

Electrical

- Long-life LED system with an energy-efficient electronic driver comes in UNV (AC220-240V) version. Offered in standard and high efficacy optional.
- Brightness can be adjusted from 10% to 100%.
- Standard flicker-free design.
- Isolated LED drivers have over-voltage, over-current and short circuit protection.
- Surge protection: L-N 1KV and LN-PG 2KV.
- PF>0.9 and THD<15%. Power efficiency up to 87%.

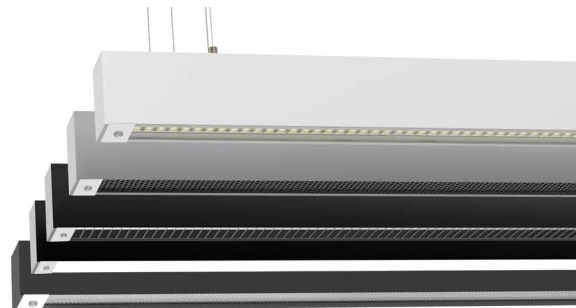
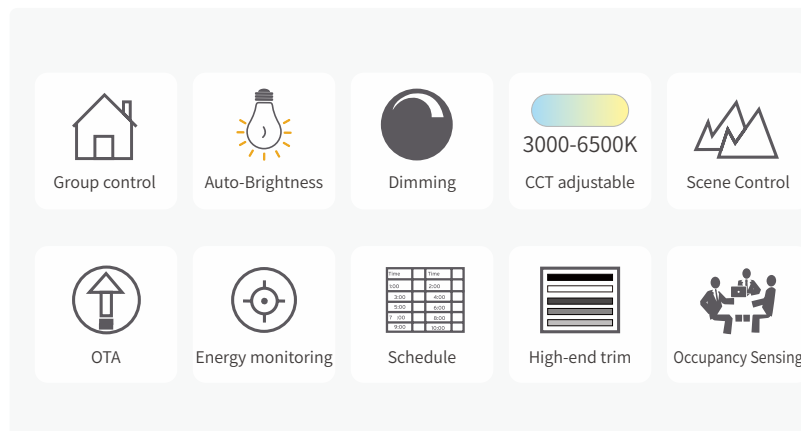
Optical

- The standard extruded linear frosted polycarbonate lens obscures the LED image and delivers light evenly.
- With the Grille, PC, PS, Honey Comb, LENS with Angles, Prismatic selectable, it is widely popular, UGR<16 optics design and UGR<19 optics design.
- Projected life is 50,000 hours at 70% lumen output.
- Environmentally-friendly: No mercury. No hazardous substances. Reduced energy consumption.
- 80°, 90°, 110° and Single Polarized 20°, Double Polarized 25°, Down 30°, Down 60° for wider applications.
- Brightness and CCT adjustable, reduced energy consumption.
- Color temperature (CCT) is tunable: 3000~6500K with CRI>80.
- Up and down illumination optional.

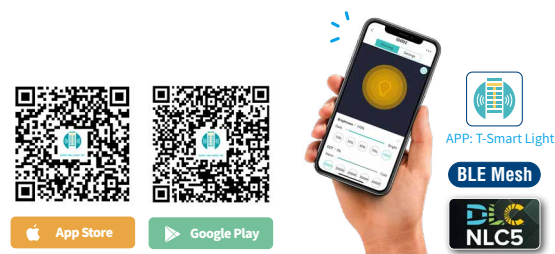
Construction

- Plastic end caps and aluminum body provides strength.
- Available in 4FT, 6FT and 8FT.
- Slim and compact fixture without visible screws outside.
- Working temp range: -20~40°C (-4~104°F).
- Storage temp range: -30~60°C (-22~140°F).

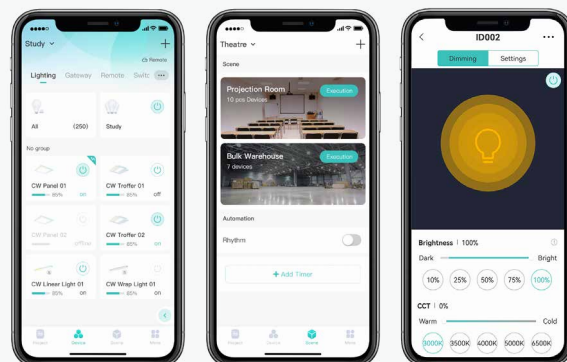
Smart Function



T-Smart Control-Ready



PIR sensor and Daylight sensor are embedded into LED linear light's surface. Luminaires can be remote controlled by using mobile APP: **T-Smart Light**, or web-based platform. Or install wireless Bluetooth switch, you can dim up or down, turn on or off, group control, adjust scenes and set auto-brightness. Enjoy the light as you like!



Parameter

Ordering Information							Example: TPL-B7SU-E4C40PC		
TPL	L	B7	S	U	E	4	C	40	PC
Manufacturer	Products Type	Name	Smart	Lighting	Area	Length	Function	Wattage	Distribution
Topband Linear	Linear Light	B7PRO	T-Smart Light	U= UP/Down Lighting (70% Down/30% UP) D= Down Lighting (100% Down)	Europe Market	4=4FT 5=5FT 6=6FT 8=8FT	C= Brightness & CCT adjustable W= Brightness adjustable	40W, 50W, ...	PC= PC PS= PS PM= Prismatic+PS HC= Honey Comb GR= Grille LS= LENS with Angles

E - Smart Series : Brightness & CCT adjustable, BLE Mesh Control, AC220-240V.

Dimensions	Model No.	Effeciency		Beam Angle	UGR	Distribution
		(white)	(Black)			
1198x70x73mm (40W)	TPL-B7SD-E4C40PC	130Lm/W	120Lm/W	110°	-	PC (100% Down)
	TPL-B7SD-E4C40PS	130Lm/W	120Lm/W	110°	-	PS (100% Down)
	TPL-B7SD-E4C40PM	90Lm/W	80Lm/W	80°	UGR<19	Prismatic+PS (100% Down)
	TPL-B7SD-E4C40HC	80Lm/W	70Lm/W	80°	UGR<16	Honey Comb (100% Down)
	TPL-B7SD-E4C40GR	70Lm/W	60Lm/W	80°	UGR<16	Grille (100% Down)
	TPL-B7SD-E4C40LS	160LM/W	160LM/W	30°/60°/90° 20°/25°	UGR<19	LENS with Angles (100% Down)
1498x70x73mm (50W)	TPL-B7SD-E5C50PC	130Lm/W	120Lm/W	110°	-	PC (100% Down)
	TPL-B7SD-E5C50PS	130Lm/W	120Lm/W	110°	-	PS (100% Down)
	TPL-B7SD-E5C50PM	90Lm/W	80Lm/W	80°	UGR<19	Prismatic+PS (100% Down)
	TPL-B7SD-E5C50HC	80Lm/W	70Lm/W	80°	UGR<16	Honey Comb (100% Down)
	TPL-B7SD-E5C50GR	70Lm/W	60Lm/W	80°	UGR<16	Grille (100% Down)
	TPL-B7SD-E5C50LS	160LM/W	160LM/W	30°/60°/90° 20°/25°	UGR<19	LENS with Angles (100% Down)
1798x70x73mm (50W)	TPL-B7SD-E6C50PC	130Lm/W	120Lm/W	110°	-	PC (100% Down)
	TPL-B7SD-E6C50PS	130Lm/W	120Lm/W	110°	-	PS (100% Down)
	TPL-B7SD-E6C50PM	90Lm/W	80Lm/W	80°	UGR<19	Prismatic+PS (100% Down)
	TPL-B7SD-E6C50HC	80Lm/W	70Lm/W	80°	UGR<16	Honey Comb (100% Down)
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2398x70x73mm (70W)	TPL-B7SD-E8C70PC	130Lm/W	120Lm/W	110°	-	PC (100% Down)
	TPL-B7SD-E8C70PS	130Lm/W	120Lm/W	110°	-	PS (100% Down)
	TPL-B7SD-E8C70PM	90Lm/W	80Lm/W	80°	UGR<19	Prismatic+PS (100% Down)
	TPL-B7SD-E8C70HC	80Lm/W	70Lm/W	80°	UGR<16	Honey Comb (100% Down)
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1198x70x73mm (40W)	TPL-B7SU-E4C40PC	130Lm/W	120Lm/W	110°	-	PC (70% Down/30% UP)
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Summary
Flicker: Flicker Free
Smart Dimming: 10~ 100%
Input Voltage: AC220-240V
Power Efficiency: ≥ 87%
CCT Adjustable: 3000K-6500K
PF: 0.9
CRI: >80
THD: <15%
IP: 20
Environment: Indoor & Dry
Certification: CE, ROHS
Colour: Black/ White/ Sliver
Warranty: 5 years
Lifespan: 50000 Hrs
Mount: Suspension/Surface/ Recessed/Wall Mount

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	TPL-B7SU-E8C70PM	90Lm/W	80Lm/W	80°	UGR<19	Prismatic+PS (70% Down/30% UP)
	TPL-B7SU-E8C70HC	80Lm/W	70Lm/W	80°	UGR<16	Honey Comb (70% Down/30% UP)
	TPL-B7SU-E8C70GR	70Lm/W	60Lm/W	80°	UGR<16	Grille (70% Down/30% UP)
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E - Smart Series : Brightness adjustable, BLE Mesh Control, AC220-240V.

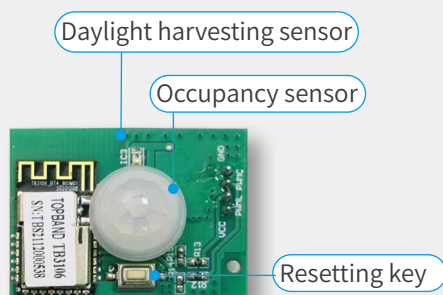
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	TPL-B7SU-E5W50PM	90Lm/W	80Lm/W	80°	UGR<19	Prismatic+PS (70% Down/30% UP)
	TPL-B7SU-E5W50HC	80Lm/W	70Lm/W	80°	UGR<16	Honey Comb (70% Down/30% UP)
	TPL-B7SU-E5W50GR	70Lm/W	60Lm/W	80°	UGR<16	Grille (70% Down/30% UP)
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Summary
Flicker: Flicker Free
Smart Dimming: 10~ 100%
Input Voltage: AC220-240V
Power Efficiency: ≥ 87%
CCT Optional: 3000K/4000K/5000K/6500K
PF: >0.9
CRI: >80
THD: <15%
IP: 20
Environment: Indoor & Dry
Certification: CE, ROHS
Colour: Black/ White/ Sliver
Warranty: 5 years
Lifespan: 50000 Hrs
Mount: Suspendsion/Surface/ Recessed/Wall Mount

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	TPL-B7SU-E6W50PM	90Lm/W	80Lm/W	80°	UGR<19	Prismatic+PS (70% Down/30% UP)
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	TPL-B7SU-E6W50GR	70Lm/W	60Lm/W	80°	UGR<16	Grille (70% Down/30% UP)
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	TPL-B7SU-E8W70PS	130Lm/W	120Lm/W	110°	-	PS (70% Down/30% UP)
	TPL-B7SU-E8W70PM	90Lm/W	80Lm/W	80°	UGR<19	Prismatic+PS (70% Down/30% UP)
	TPL-B7SU-E8W70HC	80Lm/W	70Lm/W	80°	UGR<16	Honey Comb (70% Down/30% UP)
	TPL-B7SU-E8W70GR	70Lm/W	60Lm/W	80°	UGR<16	Grille (70% Down/30% UP)
	TPL-B7SU-E8W70LS	160LM/W	160LM/W	30°/60°/90° 20°/25°	UGR<19	LENS with Angles (70% Down/30% UP)

WIRELESS BLUETOOTH LIGHTING CONTROL SYSTEM

Square-type Smart Module



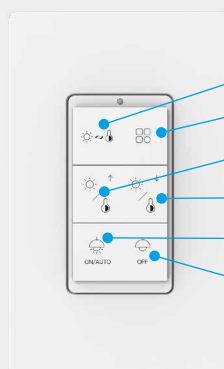
Features:

- (1) Occupancy sensor and daylight harvesting sensor.
- (2) Embedded Bluetooth communication module.
- (3) Support 1-channel and 2-channel dimmable.
- (4) Low profile and can be inserted into any luminaries.
- (5) Operated by " T-Smart Light " APP.
- (6) Can match with various antennas in different luminaries.
- (7) Working temperature: -10~55° C (14~131° F).

Bluetooth Control Switch (battery powered)

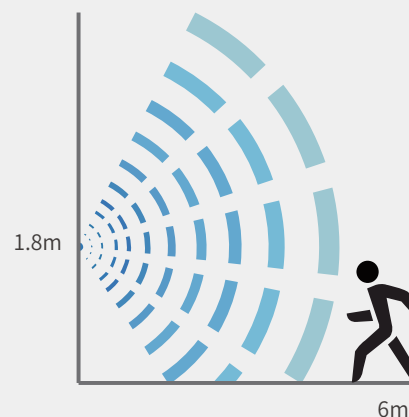
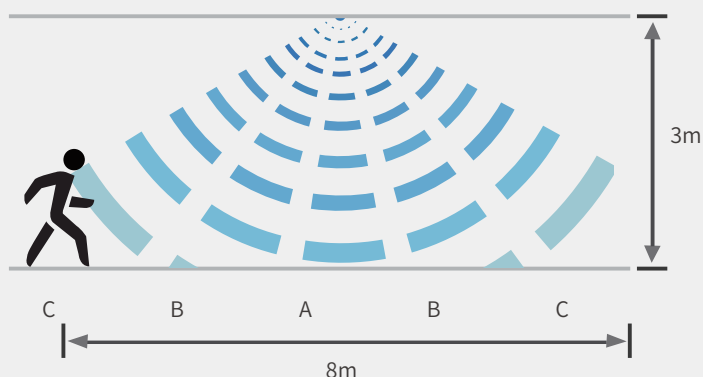
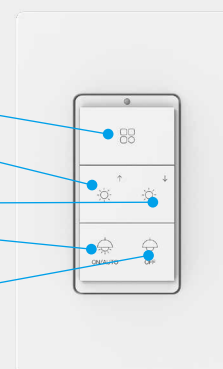
TPTMDWSCFSUA

6-key CCT adjustable panel switch
(CCT & brightness adjustable)

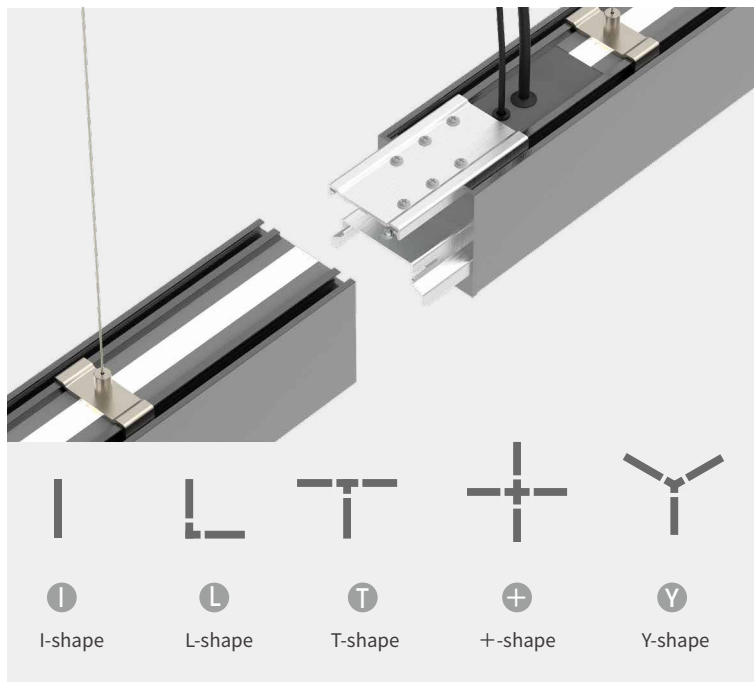
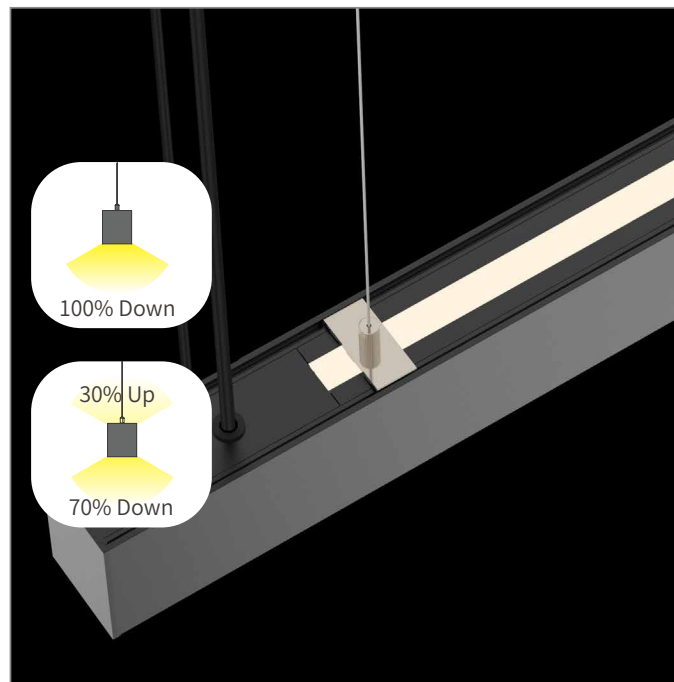


TPTMDWSDFSUA

5-key single CCT panel switch
(brightness adjustable)



Distribution



Prismatic+PS

PC

Honey Comb+PS

Grille+PS

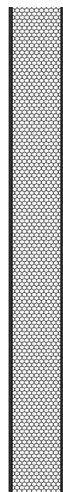
Up/ Down
Lighting

Round PMMA Lens

Square PMMA Lens



Reverse Side



UGR<25

UGR<19

UGR<19

UGR<19

UGR<19

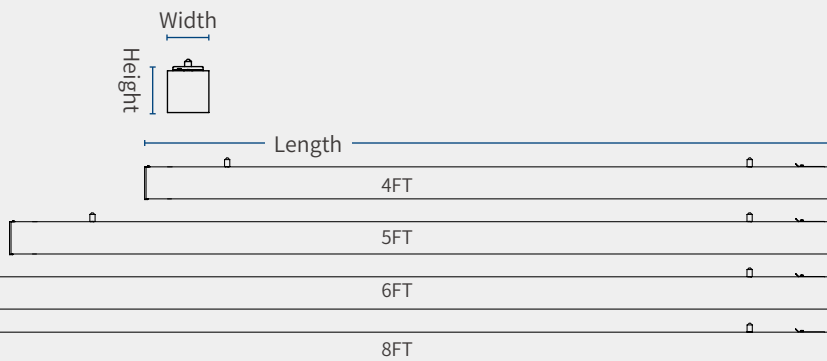
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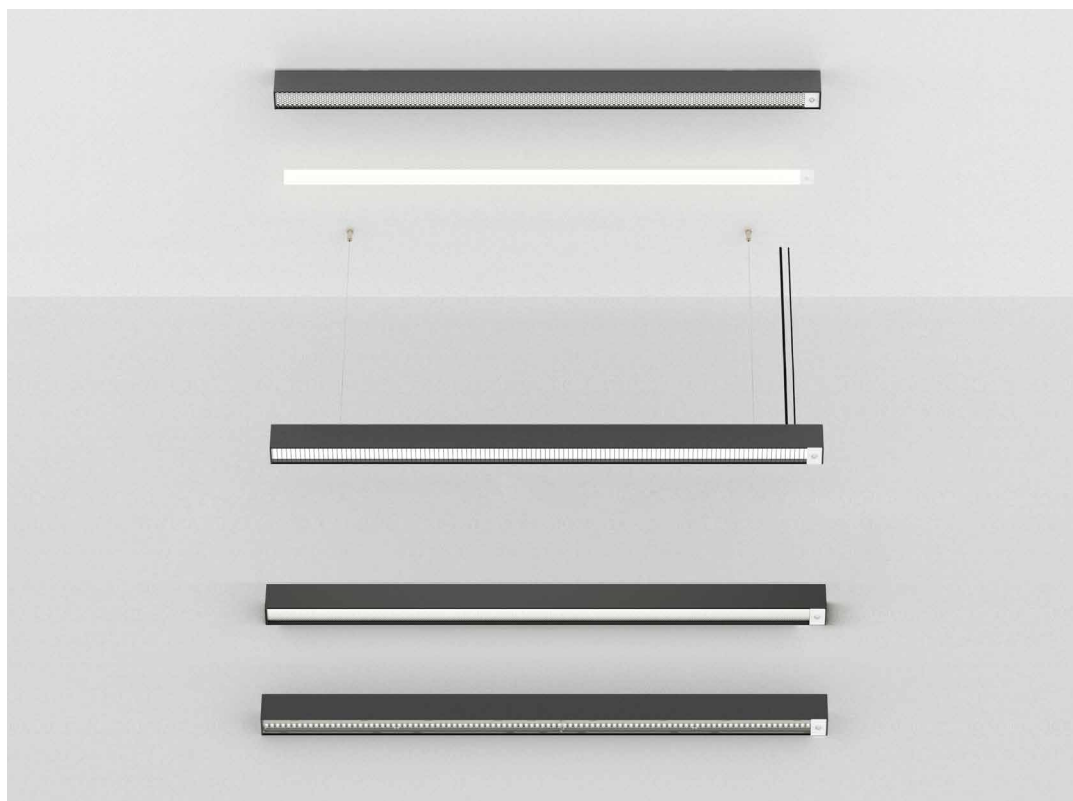
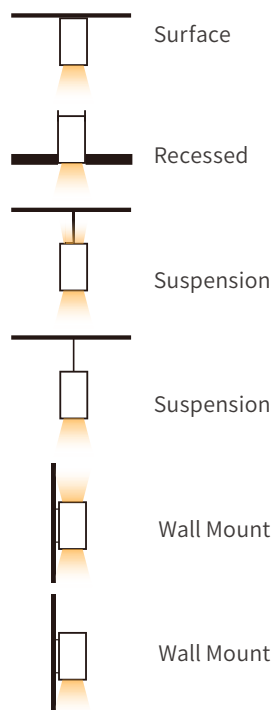
UGR<19

Product Dimensions

No.1	Length	Width	Height
4FT	1198mm/47.17"	70mm/2.76"	73mm/2.87"
5FT	1498mm/58.98"	70mm/2.76"	73mm/2.87"
6FT	1798mm/70.79"	70mm/2.76"	73mm/2.87"
8FT	2398mm/94.41"	70mm/2.76"	73mm/2.87"



Connection



* Please refer to [Installation Manual of Smart TP-B7PRO Linear Light](#) for more information.

TOPBAND Smart TP-B7PRO Linear Light :

- Please check the accessory bag before installation.
- Turn power off before installation or disassembly.
- Connect the wires correctly.