

BATESA

LED Slim Batten Light 6W-80W



- LED Slim Batten Light for replacing T5, T8, T10 fluorescent lamp;
- White Coated Formed Steel Body with anti-glare reflector and diffuser system made of PC;
- Multiple control function is optional, switch on/off, motion sensor, DALI control dimming, emergency device, emergency + motion sensor.

Technical Data

Luminaire Type-安裝方式-Tipo de luminaria	Surface Mounted Type--明裝式燈具--Superficie Tipo Montado			
Dimension-尺寸-Dimensión LxWxH	L: 610 x W: 64 x H: 62mm L: 1524 x W: 64 x H: 62mm			
Input Voltage-輸入電壓-Voltaje de entrada	• AC220-240V 50/60HZ or AC100 ~277V 50/60Hz			
Power Consumption Max-燈具功率 Consumo de energía Max	6W @ L: 610mm 7W @ L:610mm 8W @ L:610mm 9W @ L:610mm 10W @ L:610mm 12W @ L:610mm 14W @ L:610mm 16W @ L:610mm 18W @ L:610mm 20W @ L:610mm @ L:1220mm 24W @ L:1220mm 28W @ L:1220mm 30W @ L:1220mm 32W @ L:1220mm 36W @ L:1220mm @ L:1524mm 40W @ L:1220mm @ L:1524mm 42W @ L:1524mm 44W @ L:1524mm 48W @ L:1524mm 50W @ L: 524mm 54W @ L:1524mm 58W @ L:1524mm 60W @ L:1524mm 68W @ L:1829mm 75W @ L:1829mm 78W @ L:1829mm 80W @ L:1829 mm			
LED Driver Type LED驅動款式 Tipo de controlador LED	Consulte la especificación de controlador de LED 1. ON/OFF Switch AC220-240V 50/60HZ 2. ELV Dimming Driver (5-100%) AC220-240V 50/60HZ 3. 1-10V Dimming Driver AC220-240V 50/60HZ 4. Dali Dimming Driver AC220-240V 50/60HZ 5. Microwave Motion Sensor 5.8Ghz (Hold time, Stand-by DIM Level,Twilight Time;Detection Area,Daylight Sensor) 6. ZIGBEE Wireless Control (Remoted Driver) AC220-240V 50/60HZ 7. Emergency Backup >2 hours or >3 hours @ < 12 charger hours應急電池/Copia de seguridad de emergencia			
LED Driver Features 驅動特性 Funciones del controlador de LED	• POWER FACTOR (Lambda): PF>0.95 or PF > 0.9 TOTAL HARMONIC DISTORTION: THD< 20% • LED DRIVE LIFETIME: 50,000 hour or 100,000 Hours and Electrical protection class I and class II			
Control Protocol-控制協議-Protocolo de Control	• SW -ON/OFF / Dali Control / 0-10V Control / Microwave Sensor / Zigbee Wireless Control			
Light Source Brand-光源品牌-Fuente de luz de marca	Everlight SMD LED (LM-80 Report No. 14-04-VLP-0038-TP)			
Lumen Maintenance ISTM & TM-21" @ 25 °C 流明維持率(光通量衰減) 報告: ISTM & TM-21" @ 25 °C Mantenimiento de lúmenes ISTM y TM-21 " @ 25 ° C	L70 > 54,000 hrs			
LED Life-LED壽命-La vida del LED	>60,000 hours			
Color Temperature -色溫 Temperatura del color	2700K / 3000K / 4000K / 5000K / 6500K			
Color Rendering Index-顯色指數 Índice de reproducción cromática	> 80 or >90			
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning elipse	Standard Deviation Colour Matching < 3 SDCM 標準偏差配色 < 3 SDCM Coincidencia de color estándar Desviación < 3 SDCM			
Beam Angle 光束角 ángulo de haz	120°			
Photobiological safety-IEC 62471 / of Luminaire 光生物安全檢驗(ICE/EN 62471) 結果: Seguridad fotobiológica-IEC 62471	• Exempt • 豁免 • Eximir			
Luminaire Efficacy 燈具效率 La eficacia de la luminaria	• 120 Lm/w(2700K), • 130 Lm/w(5000K),	120 Lm/w(3000K), 130 Lm/w(6500K),	125 Lm/w(4000K),	
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	• 140 Lm/w(2700K), • 160 Lm/w(5000K),	140 Lm/w(3000K), 160 Lm/w(6500K),	150 Lm/w(4000K),	
Housing materials-外殼材料 Materiales de la carcasa	White Coated Formed Steel Body and Polycarbonate 白色塗層成型鋼體和聚碳酸酯 Cuerpo de acero moldeado revestido blanco y policarbonato			
Ingress Protection	IP44 - (IEC 60529)			
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-20 °C / +50 °C			
Operating Humidity -工作濕度 Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación			
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaires: IEC/ EN 60598-1 / EN 60598-2-1 / EN 62031 / EN 62493 / IEC/EN 62471 / IEC 60598-2-22 / IEC 62031 / EN 55015 / EN 61000-3-2 / EN 61000-3-3 / EN 61547 Luminaries Performance : IEC 62722-1 / IEC 62722-2-1 FSD regulation PPA 104A (4th Rev). RoHS LED Driver: EN 55015 / EN 61000-3-2 / EN 61347-1 / EN 61347-2-13 / EN 61547 / EN 62384			
Certification	      			

Project	Fixture#	Date
		Firm

Ordering Information

Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

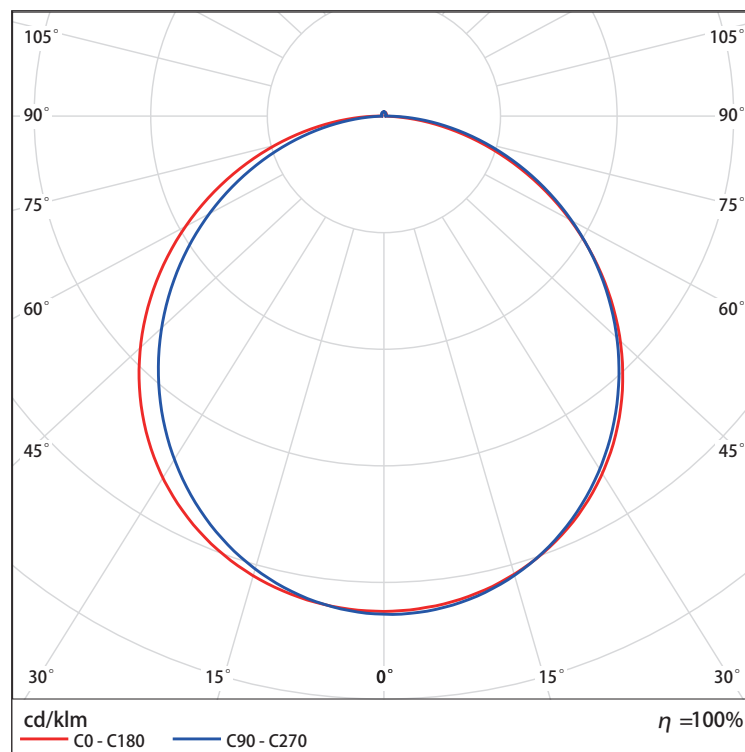
Example product code: [BATESA-60W-SW-40](#)

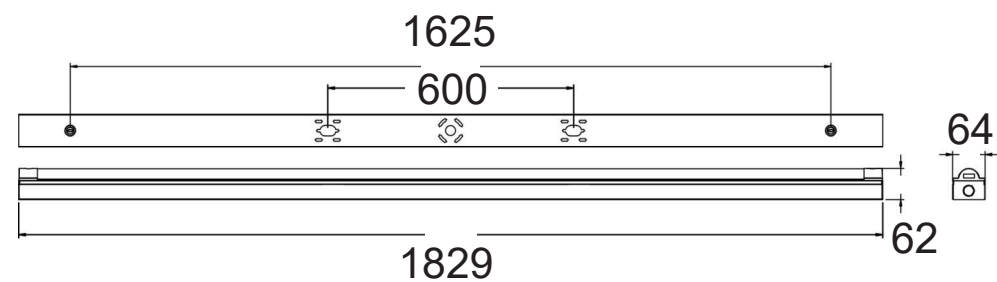
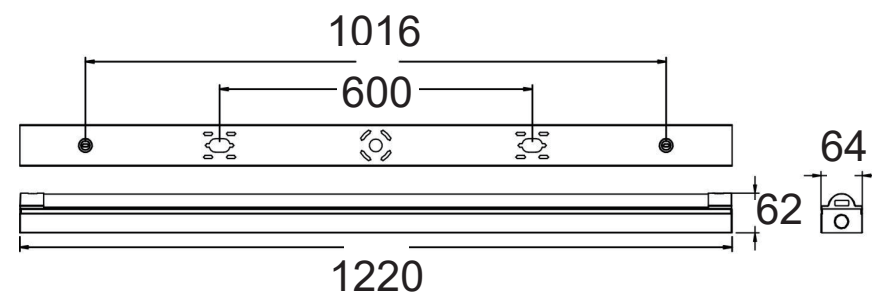
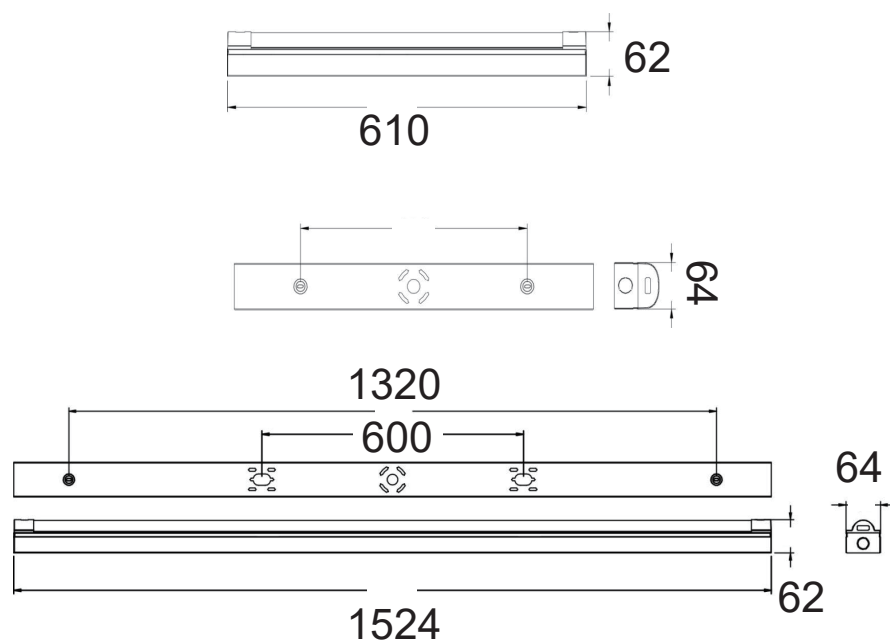
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Power Consumption
LED Driver Type

Power Consumption		LED Driver Type	
Code	Description	Code	Description
6W	6W @ L: 610 mm	SW	ON/OFF Switch
7W	7W @ L: 610 mm	AN	1 -10V Dimming
8W	8W @ L: 610 mm	DA	DALI Dimming
9W	9W @ L: 610 mm	EM	Emergency Battery
10W	10W @ L: 610 mm	ZI	ZIGBEE Wireless Control
12W	12W @ L: 610 mm	MS	Microwave Sensor
14W	14W @ L: 610 mm		
16W	16W @ L: 610 mm		
18W	18W @ L: 610 mm		
20W	20W @ L: 610 mm @ L: 1220mm		
24W	24W @ L: 1220mm		
28W	28W @ L: 1220mm		
30W	30W @ L: 1220mm		
32W	32W @ L: 1220mm		
36W	36W @ L: 1220mm @ L: 1524mm		
40W	40W @ L: 1220mm @ L: 1524mm		
42W	42W @ L: 1524mm		
44W	44W @ L: 1524mm		
48W	48W @ L: 1524mm		
50W	50W @ L: 1524mm		
54W	54W @ L: 1524mm		
58W	58W @ L: 1524mm		
60W	60W @ L: 1524mm		
68W	68W @ L: 1829 mm		
75W	75W @ L: 1829 mm		
78W	78W @ L: 1829 mm		
80W	80W @ L: 1829 mm		

Beam Angle

120°



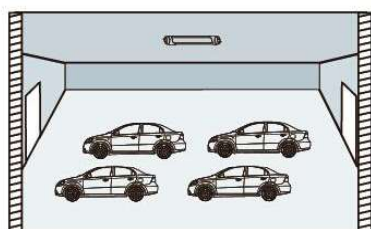


Unit: mm

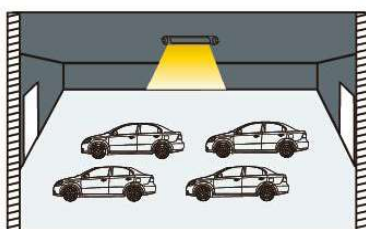
Operating Frequency	5.8 GHz $\pm$ 75 MHz , ISM Band.
Transmitting power	0.5mW Max.
Hold time	5S/30S/1min/3min/5min/10min/20min/30min
Stand-by DIM Level	10%(1.4-1.6V), 20%(1.9-2.1V), 30%(2.9-3.1V), 50% (4.9-5.1V)
Twilight Time	0s/10S/1min/3min/5min/10min/30min/+ ∞
Detection Area	25%/50%/75%/100%
Sensor Parameters	5lux/15Lux/30Lux/50Lux/100lux/150lux/Disable
	Daylight priority: ON / OFF value
	Daylight Sensor (5lux/15Lux/30Lux/50Lux)/150Lux
	100Lux/200Lux 150Lux/300Lux
Detecting Radius	$\geq$ 4m (mounting height 3m , moving speed 0.3m/s)
Mounting Height	6m Max
Detecting Angle	150°

3. Function

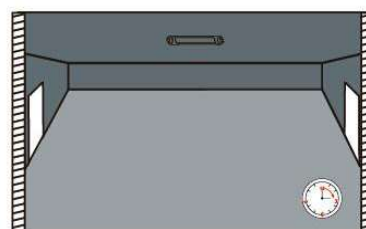
1) On/OFF Function (stand-by period be set to “0”s)



1 With sufficient ambient light, the light will not be switched on even if with motion signal.

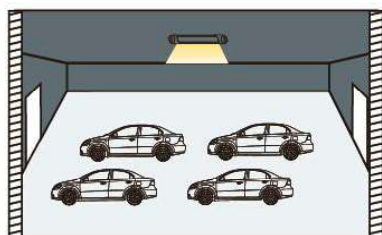


2 With insufficient ambient light, the sensor switches on the light when motion is detected.

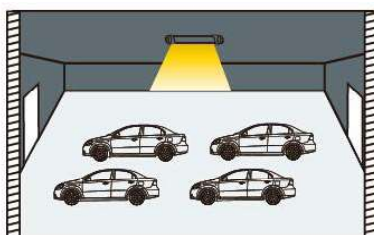


3 After elapse of hold time, the sensor switches off the light when no motion is detected.

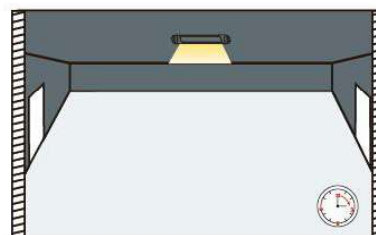
2) 2-step dimming function (stand-by period be set to “+ ∞ ”)



1 If there is no motion detected, the light will be remained at a low light level all the time.

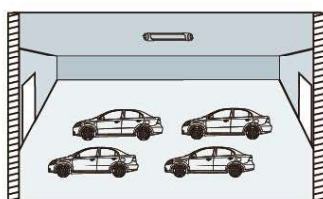


2 When motion is detected, the sensor will switch on the light to 100% brightness

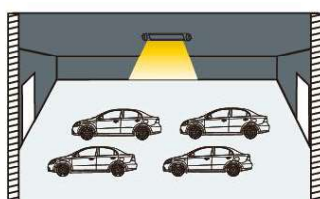


3 After elapse of hold time, the sensor dims the light at the present low light level if no motion is detected.

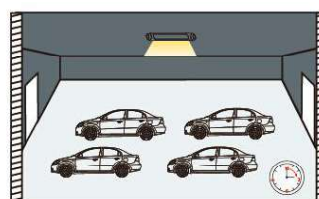
3) 3-step dimming function (stand-by period be set to “10S/1min/3min/5min/10min/30min”)



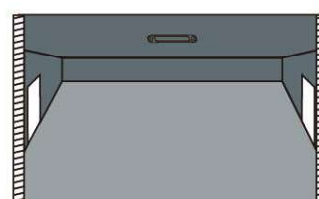
1 With sufficient ambient light, the light will not be switched on even if with motion signal.



2 With insufficient ambient light, the sensor switches on the light when motion is detected.



3 After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.

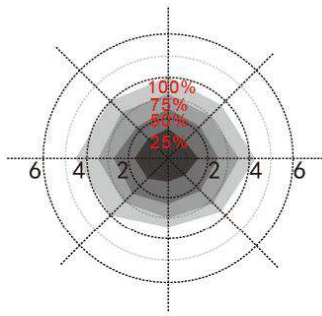


4 After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.

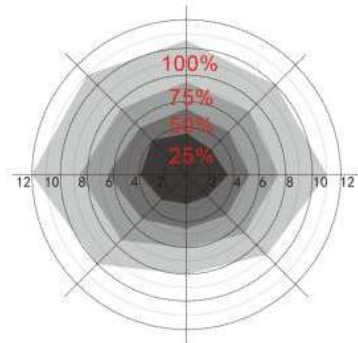
Radiation Pattern

Ceiling mounting

Ceiling mounted height: 3m
Sensitivity: 100%/75%/50%/25%

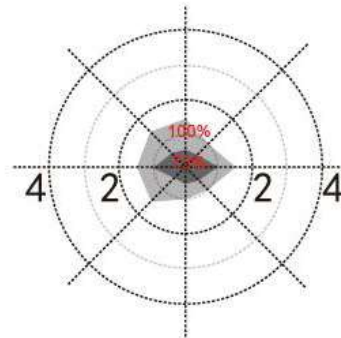


Normal moving (Speed:1m/s)

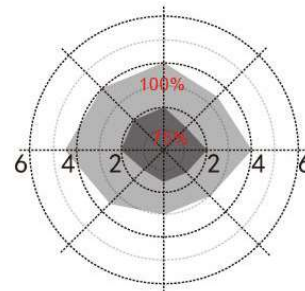


Slow moving (Speed 0.3m/s)

Ceiling mounted height: 4m
Sensitivity: 100%/75%



Normal moving (Speed:1m/s)



Slow moving (Speed 0.3m/s)

*Only 100% detection sensitivity is workable when installed at 4m mounting height. 25% /50% sensitivity is not able to detect motion signal.