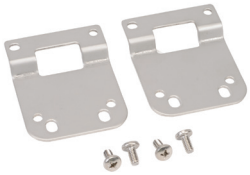
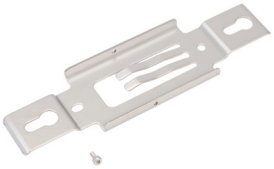
PATLITE® Industrial LED Lighting

Aluminum LED Light Bars (CWK, CLK series)
These rust-free aluminum body light bars are designed to be bracket mounted. LED module lenses are clear and provide bright daylight white light. The super slim design is ideal for tight spaces. Up to IP69K options available.

LED Signal Tower (HSST series)
An all-in-one package for controlling LR5 signal lights. Available red, amber, and green lights with clear lenses. Designed for indoor, upright installation. IP54 rated.

Accessories





PATLITE® LED Light Bars - CWK Series

Features

- Unique lens design ensures optimal light distribution
- Daylight color, up to 1500 lx illuminance
- Compact design with high resistance to debris and fluids
- Meets IP66/67 standards
- Designed to operate in temperatures from -10 to +50 °C [14 to 122 °F]
- Three lengths available – 200, 300, and 600mm [7.9, 11.8, and 23.6 inches]
- Constructed of tempered glass and aluminum

LED Light Bars - CWK Series							
Part Number	***Price***	***Drawing Link***	***Description***	***Light Color***	***Body Material***	***Light Length (mm [in])***	***Cable Length m [ft]***
CWK2S-24-CD		PDF	LED light bar, bracket mount, pigtail connector. Mounting bracket included.	Daylight white	Aluminum	200 [7.9]	3 [9.8]
CWK3S-24-CD		PDF				300 [11.8]	
CWK6S-24-CD		PDF				600 [23.6]	

Accessories - CWK Series			
Part Number	***Price***	***Drawing Link***	***Description***
SZ-320KS		PDF	Patlite adjustable wall bracket, for use with CLK and CWK series LED light bars.
L85130002-F1		NA	Patlite sliding bracket, for use with CLK and CWK series LED light bars.

Specifications

LED Light Bars - CWK Series Technical Specifications				
Part Number		***CWK2S-24-CD***	***CWK3S-24-CD***	***CWK6S-24-CD***
Luminous Color		Daylight white		
Color Temperature		6500K		
Illuminance (@ 24 VDC)	***1.0 m***	600 lx	850 lx	1500 lx
Luminous Flux		800 lm	1200 lm	2400 lm
Rated Voltage		24 VDC (polarized)		
Operating Voltage Range		24 VDC ± 10%		
Rated Current Consumption		360 mA ± 10%	480 mA ± 10%	960 mA ± 10%
Rated Power Consumption		8.64W	11.52W	23.04W
Operating Ambient Temperature		-10°C to +50 °C [14 °F to 122 °F]		
Operating Ambient Humidity		Less than 90% (no condensation)		
Mounting Location		Indoors		
Mounting Direction		All directions		
Protection Rating		IP66/67 (JIS C0920)		
Insulation Resistance		More than 5 MΩ at 500 VDC		
Withstanding Voltage		500 VAC applied for 1 minute between terminals and chassis		
Vibration Resistance		20.0 m/s^2 (30 Hz)		
Weight		600g [21.2 oz]	750g [26.5 oz]	1230g [43.4 oz]
Agency Approvals *		Conforms to CE requirements: EN 55015, EN 61000-6-2 RoHS Directive (2011/65/EU) UL Listed (E306141)		

*** To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.**

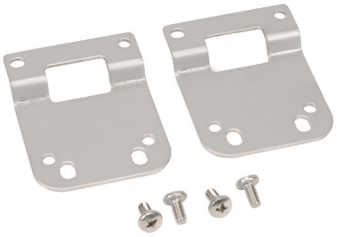
PATLITE® LED Light Bars - CLK Series

Features

- Unique lens design ensures optimal light distribution
- Daylight color, up to 2100 lx illuminance
- Meets IP66/67/69K standards
- Designed to operate in temperatures from -40 to +60°C [-40 to +140°F]
- Three lengths available – 200, 300, and 600mm [7.9, 11.8, and 23.6 inches]
- Can be daisy-chained using M12 connectors
- Constructed of tempered glass and aluminum

LED Light Bars - CLK Series							
Part Number	***Price***	***Drawing Link***	***Description***	***Light Color***	***Body Material***	***Length (mm [in])***	***Cable Length***
CLK3C-24AG-CD		PDF	LED light bar, bracket mount, 4-pin M12 quick-disconnect connector. Mounting bracket included.	Daylight white	Aluminum	300 [11.8]	N/A
CLK6C-24AG-CD		PDF				600 [23.6]	
CLK3CL-24AG-CD		PDF	LED light bar, bracket mount. 4-pin M12 female and 4-pin M12 male connectors. Mounting bracket included.			300 [11.8]	
CLK6CL-24AG-CD		PDF				600 [23.6]	

Accessories - CLK Series			
Part Number	***Price***	***Drawing Link***	***Description***
CLK-001		PDF	Patlite rear bracket, replacement. For use with CLK series LED light bars.
SZ-320KS		PDF	Patlite adjustable wall bracket, for use with CLK and CWK series LED light bars. Made of stainless steel.



CLK-001

SZ-320KS

PATLITE® LED Light Bars - CLK Series

Specifications

LED Light Bars - CLK Series Technical Specifications					
Part Number		***CLK3C-24AG-CD***	***CLK6C-24AG-CD***	***CLK3CL-24AG-CD***	***CLK6CL-24AG-CD***
Luminous Color		Daylight white			
Color Temperature		6500K			
Illuminance (@ 24 VDC)	***1.0 m***	1200 lx	2100 lx	1200 lx	2100 lx
	2.0 m	300 lx	580 lx	300 lx	580 lx
Luminous Flux		1300 lm	2600 lm	1300 lm	2600 lm
Rated Voltage		24 VDC (polarized)			
Operating Voltage Range		24 VDC ± 10%			
Rated Current Consumption		522 mA ± 10%	1044 mA ± 10%	522 mA ± 10%	1044 mA ± 10%
Rated Power Consumption		12.5W	25W	12.5W	25W
Operating Ambient Temperature		-40 to +60 °C [-40 to +140 °F]			
Operating Ambient Humidity		Less than 90% (no condensation)			
Mounting Location		Indoors			
Mounting Direction		All directions			
Protection Rating		IP66/67 (JIS C0920) / 69K (DIN 40050 part 9)			
Insulation Resistance		More than 5 MΩ at 500 VDC between terminals and chassis			
Withstanding Voltage		500 VAC applied for 1 minute between terminals and chassis			
Vibration Resistance		19.6 m/s^2 (JIS C 0911-1984)			
Weight (g [oz])		600 [21.2]	1070 [37.7]	600 [21.2]	1070 [37.7]
Agency Approvals *		UL 2108, CSA-C22.2 No. 250.0 EMC Directive (EN 55015, EN 61000-6-2) RoHS Directive (EN 50581) Conforms to CE requirements UL Recognized (E306141)			

*** To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.**

PATLITE® Signal Towers - HSST Series

Features

- Low-cost kit for controlling LR5 signal tower manually
- Three-tier light with red, amber, and green light modules
- Includes 3-button switch box and power adapter
- Tower meets IP54 standards
- Designed to operate in temperatures from 0 to 40 °C [32 to 104 °F]
- Tower is 219mm [8.6in] long with 50mm [2.0in] diameter lights

LR5-E-RZ

HSST-3M2-RYG

Signal Towers - HSST Series								
Part Number	***Price***	***Drawing Link***	***Description***	***Light Color***	***Lens Color***	***Body Color***	***Light Tower Length mm [in]***	***Diameter***
HSST-3M2-RYG		PDF	Manual signal tower station kit, 3 tiers, permanent LED light function.	Red, Amber, Green	Clear	Off-white	219 [8.6]	50mm

Accessories - HSST Series		
Part Number	***Price***	***Description***
LR5-E-RZ		Patlite LED light element, 50mm diameter, red, permanent or flashing (60 fpm ±3 fpm) light function, 24 VDC, clear lens. For use with HSST series manual signal tower station kit.
LR5-E-YZ		Patlite LED light element, 50mm diameter, yellow, permanent or flashing (60 fpm ±3 fpm) light function, 24 VDC, clear lens. For use with HSST series manual signal tower station kit.
LR5-E-GZ		Patlite LED light element, 50mm diameter, green, permanent or flashing (60 fpm ±3 fpm) light function, 24 VDC, clear lens. For use with HSST series manual signal tower station kit.
B32310071-7F1		Patlite head cover, off-white, ABS plastic. For use with HSST series manual signal tower station kit.
T16000002-F1		Patlite 3-button switch box, off-white, ABS plastic. For use with HSST series manual signal tower station kit.
T13300128-F1		Patlite power supply, for use with HSST series manual signal tower station kit.

B32310071-7F1

T16000002-F1

T13300128-F1

PATLITE® Signal Towers - HSST Series

Specifications

Signal Towers - HSST Series Specifications		
Part Number		***HSST-3M2-RYG***
Rated Voltage		AC adapter input: 100-240 VAC (50/60 Hz) Output: 24 VDC
Operating Voltage Range		100-240 VAC ± 10%
Rated Power Consumption (Max)		4W
Operating Ambient Temperature		0 to 40 °C [32 to 104 °F]
Operating Ambient Humidity		Less than 90% (no condensation)
Mounting Location		Indoors
Mounting Direction		Upright (recommended)
Protection Rating		Switch Box: IP20 Signal Tower: IP54
Insulation Resistance		More than 5 MΩ at 500 VDC between power input lead and chassis
Withstanding Voltage		1500 VAC applied for 1 min. between live part and non-current carrying metallic part
Weight (g [oz])	***Signal Tower (Short Pole)***	360 [12.7]
	Signal Tower (Long Pole)	470 [16.6]
	Bracket	330 [11.6]
	Switch Box	70 [2.5]
	AC Adapter	140 [4.9]
	Fitting Plate	50 [1.8]
Agency Approvals *		RoHS Directive (EN 50581) FCC Part 15 Subpart B Class A UL 48, CSA C22.2 No. 207 UL Listed (File E310210)

*** To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.**