

**Hygienic
Design**

**Cleaning
Friendly**

Washdown Safe



LED Signal Light

LS7

IP67 IP66 IP65*

* Buzzer Type

Designed and Built for

- Food Inspection/Detection/Checkweighing
- Food and Beverages Process
- Inkjet Marking/Coding
- Pharmaceutical, etc.

Slim Waterproof Type
LED Light Bar

CLA

IP69K IP67 IP66



-40°F~+160°F
(-40°C~+60°C)

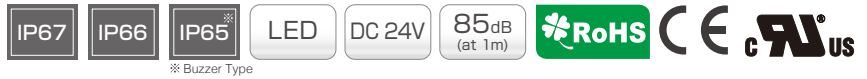
Cost Saving

Eco Friendly

Long Life

Low Heat

LED Signal Light LS7



Specifications

Model	Number of Lighting Units	Body Color	Rated Voltage	Mounting	Rated Current Consumption	Maximum Rated Current	Maximum Sound Pressure	Operating Temperature Range	Protection Rating	Mass: Lead Wire Type (H)		Mass: M12 Connector Type (C)	
										Illumination (No Mark)	Illumination - Flash *2 Buzzer Alarms (FB)	Illumination (No Mark)	1 Buzzer Alarm (B)
LS7-302	3 Tiers	Off-white (No Mark) Dark Gray (D) Silver (S)	DC 24V (±10%)	Direct (Indoors Only)	Red : 20mA Yellow, Green, Blue, White : 30mA Buzzer : 40mA	Red : 35mA Yellow, Green, Blue, White : 40mA Buzzer : 55mA	Buzzer1 ab. 82dB Lead Wire Type (Intermittent Beep1) M12 Connector Type (Continuous Beep) Buzzer2 ab. 85dB Lead Wire Type (Intermittent Beep2) M12 Connector Type (None)	-30°C ~ 60°C	IP66 IP67	0.28kg	0.37kg	0.26kg	0.32kg
LS7-502	5 Tiers								IP65				

LED Signal Tower **LS7-** ① 02 ② ③ ④ W ⑤ — ⑥

① No. of Lighting Units: 3 : 3 Tiers 5 : 5 Tiers
 ② Body Color: No Mark : Off-white, D : Dark Gray, S : Silver
 ③ Lighting: No Mark : Illumination Only, F : Illumination + Flashing
 ④ Buzzer: No Mark : No Buzzer, B : Buzzer
 ⑤ Wiring: C : M12 Connector, H : Lead Wires
 ⑥ LED Color: R : Red, G : Green, C : White, Y : Yellow, B : Blue, N : Blank

Ex.: LS7-302WC-RYGN

* Body Color... Off-white * Lighting... Illumination
 * Buzzer... None * Wiring... M12 Connector
 * LED Colors : Red, Yellow, Green, (Blank), (Blank)

* F type models with Illumination + Flashing are only available for Lead Wire and requires an H mark.
 * C type models (M12 Connector Type) are only available with a continuous sound buzzer.

* IP67 will be supported in the spring of 2012.

Factory · Plant Facilities



Food Processing



Beverage Processing



Panel Box



Pharmaceutical Production Line

Equipment Manufacturer



Various Automation Machinery



Automotive Assembly Line



Printing Press Machinery



Semiconductor Production (Amber Lighting)

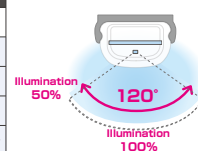
Slim Waterproof Type LED Light Bar CLA



Specifications

Model Name	CLA1S-□			CLA2S-□			CLA3S-□			CLA6S-□		CLA9S-□		CLA12S-□		CLA15S-□			
Color Code	CD	CN	Y	CD	CN	CD	CN	Y	CD	CN	CD	CN	CD	CN	CD	CN	CD	CN	
Luminous Color	Daylight	Natural White	Yellow	Daylight	Natural White	Daylight	Natural White	Yellow	Daylight	Natural White	Daylight	Natural White	Daylight	Natural White	Daylight	Natural White	Daylight	Natural White	
Color Temperature	6800K	4800K	—	6800K	4800K	6800K	4800K	—	6800K	4800K	6800K	4800K	6800K	4800K	6800K	4800K	6800K	4800K	
Wavelength (nm)	—	—	590	—	—	—	—	590	—	—	—	—	—	—	—	—	—	—	
Illuminance (lx at DC24V)	0.3m		—	—		—		—		1,425	1,425	1,525	1,525	1,600	1,600	1,625	1,625	—	
	0.5m		140	140	78	270	270	400	400	220	650	650	810	810	890	890	945	945	—
	1.0m		35	35	20	70	70	105	105	60	200	200	280	280	340	340	385	385	—
Luminous Flux (lm)	125	125	60	240	240	360	360	195	690	690	980	980	1,375	1,375	1,725	1,725	—	—	
Rated Voltage	24V DC (Polarized)																		
Operating Voltage Range	24V DC ±10%																		
Rated Current Consumption (mA±10%)	104			208			240			480		720		960		1,200		—	
Rated Power Consumption (W)	2.5			5.0			5.7			11.6		17.3		23.0		28.8		—	
Operating Temperature Range	-40°F to +160°F (-40°C to +60°C) (RH 90% or less, no condensation)																		
Main Body Material	Polycarbonate Resin (Waterproof Packing/Screw Cap [®] ; Silicon)																		
Protection Rating	IP66/67 (IEC 60529)/69K (DIN 40 050-9) (Cable Terminal not included)																		
Mounting Direction	Indoor Use Any Direction																		
Insulation Resistance	5MΩ or more with a 500V DC Megohmmeter																		
Withstanding Voltage	500V AC for 1 minute																		
Vibration Resistance	30Hz 19.6 m/s ² Up and Down/Right to Left/ Back and Forth, each for 2 hours																		
Mass	80g ±10%			130g ±10%			180g ±10%			340g ±10%		500g ±10%		660g ±10%		820g ±10%		—	

□ Illumination Range



■ IP69K (80°C Jet-stream Steam Cleaning)

(Standard Number / DIN 40 050-9)

Steam jet injection (80-100 bar at a temperature of 80°C) is applied at angles of 0, 30, 60, and 90 degrees at a distance from 100-150mm repeated 5 times at a duration of 30 seconds without being affected by any harmful influences.

* Remove screw cover before washdown because it may become dislodged when high-pressure water is applied.

PATLITE (U.S.A.) Corporation

<http://www.patlite.com>

20130 S. Western Ave., Torrance, CA 90501 TEL.888-214-2580 FAX.310-328-2676 e-mail : sales@patlite.com