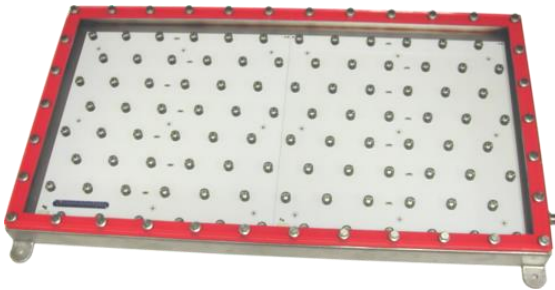



product introduction

The EGGW Series features a stainless steel IP68 rated enclosure with sealed bolts and waterproof connector for applications in wash down and corrosive environments. The EGGW Frontlight Series of lights are an innovative and highly versatile light with many custom sizes available. The EGGW Series of frontlights offers backlit LED's for a more intense lighting solution. With its built in driver, no external wiring is needed and its narrow depth of just 30mm allows for mounting in tight locations. Contact Smart Vision Lights for more information on sizing availability.


product features


- IP68 Standards
- Stainless Steel 316 Housing
- Meets FDA Compliancy
- Driver built in – No External wiring to a driver
- PNP and NPN Strobe input
- OverDrive Operation Only
- 1 Second Max. Strobe Time


product specifications

Electrical Input	24 VDC +/- 5%
Current	Max. 13A draw during strobe – Max Average 2.6A
Wattage	Max. 312W draw during strobe – Max Average 63W
Strobe Input	PNP ► +3VDC or greater to activate. NPN ► GND (<1VDC) to activate
PNP Line	3.7mA @ 3VDC 6.2mA @ 5VDC 12.6mA @ 10VDC 30.4mA @ 24 VDC
NPN Line	22mA @ Common (0VDC)
Strobe/Pulse Time	Max. 5000 SPS (Strobes Per Second) Max. Single Pulse = 1 Sec.
Duty Cycle	Max. 20%
Connection	5 pin M12 connector
Lifespan	100,000 hrs
Ambient Temp.	-20° - 50° C (-4° - 122° F)
IP Rating	IP68
Compliances	CE and RoHS
Weight	8.52 kg
IEC 62471 Rating	See page 2



product number key

EGGW – XXX x XXX - XXX—» Part Number Key

Product Family:
Backlight
EGGW

Dimension:
600 x 325
Dimensions
taken in
millimeters

Color:
470, 530, 625,
850, WHITE

CE and RoHS Compliant



warnings



Attention

Please note that the power requirements are 13A at 24VDC. Failure to supply light with 13A will result in non-repeatable lighting. Contact Smart Vision Lights for more information.



wiring configuration

	Pin	Function	Signal	Wire Color
	1	Power In	+24VDC	BROWN
	2	NPN	Sinking Signal	WHITE
	3	GND	Ground	BLUE
	4	PNP	Sourcing Signal	BLACK
	5	Intensity Control	NOT USED	NOT USED

† Some cables use green with yellow stripe for 0-10V adjustment



risk group

According to IEC 62471:2006. Full documentation upon request.

Notice

Exempt Group: No photo biological hazard to eyes or skin even for continuous, unrestricted use.
Applicable for wavelengths: 625 and 850.

Caution

Risk Group 1: Possibly hazardous optical radiation emitted from this product. Do not stare at operating lamp. May be harmful to eye. Safe for most applications except prolonged exposures.
Applicable for wavelengths: 470, 530, and WHI.