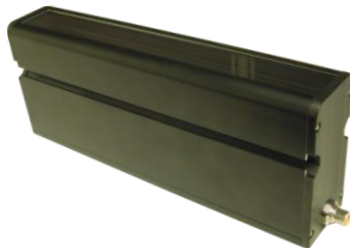## product introduction

The innovative design of the LCHP Series light allows this product to project a fixed focus line with clear define edges. The LCHP utilizes 72 high power LEDs for every 300mm in length while remaining thermally stable thanks to the heat dissipating qualities of the aluminum housing. With a user friendly 5-pin M12 plug convenience and familiarity makes this light a great line scan light solution.

product features

- Convenient 5-Pin M12 Connectivity
- No Need for External Chilling System
- Backlight Lensing Available
- Available in Three Wavelengths
- Optional Linear Polarizer – Available

product specifications

Electrical Input	24VDC +/-5%
Current	Max. 1.1A
Wattage	Max. 26W
Continuous Mode	Light available in continuous operation only
Ambient Operating Temp.	-20º - 50º C (-4º - 122º F)
IP Rating	IP50
Weight	~2000g/300mm
Compliances	CE and RoHS
IEC62471 Rating	See page 2

product number key

LCHPXXX – XXX   —» **Part Number Key**

Product Family:
Line Scan Light
LCHP Series

Length:
300 – 300mm
600 – 600mm

Color:
470 – Blue
625 – Red
WHI – White

CE and RoHS Compliant

Lighting Distribution

The Line High-Power (LHCP) Series works with a fixed-focus line with clearly defined edges. The LHCP puts out 250,000 lux.

Recommended Working Distance	130-180mm
Approximate Line Width	4-9mmx300mm

warnings

Attention
Please note that the power requirements are 1.1A at 24VDC per 300mm. Failure to supply the power supply with 1.1A will result in non-repeatable lighting. Contact SVL for more information.

wiring configuration

Pin	Function	Signal	Wire Color
1	Power In	+24VDC	BROWN
2	Not Used	Not Used	WHITE
3	GND	Ground	BLUE
4	Not Used	Not Used	BLACK
5	Not Used	Not Used	¹ GREY

* Power Supply not included

mounting & accessories

Mounting Hardware
included

(4) 5/16" T-nuts
(4) Mounting bolts

risk group

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

Caution
Risk Group 1: Possibly hazardous optical radiation emitted from this product. Do not stare at operating lamp. May be harmful to eyes. Safe for most applications except prolonged exposure.
Applicable for wavelengths: 625 and WHI

Risk Group 2: Eye or skin irritation may result from exposure. Use appropriate shielding. Does not pose optical hazard if aversion responses limit exposure.
Applicable for wavelengths: 470