



product introduction

The KEY-S75 Brick light features six high current LEDs. Intense but diffuse light pattern at any given working distance. Able to connect directly to the Keyence controller. Features an industry standard 5-pin M12 connector. Heat is dissipated through the aluminum back plate which allows the KEY-S75 Series to be run at a higher current allowing for greater intensity. Color availability ranges from UV to IR.



product features



- Direct-Connect to Keyence Controller
- Standard narrow lenses included – wide available
- Available wavelength range from 365nm to 940nm
- Six, 1mm² Die High Current LEDs



product number key

KEY-S75 – XXX – X* —» Part Number Key

Product Family:
Brick Light
Keyence Series

Color:
365, 395, 470,
505, 530, 625,
850, 940 & WHI
(White)

Lenses:
W - Wide

* Lights come standard with Narrow lenses
CE and RoHS Compliant



mounting & accessories



5m, 10m, or 15m Power Cable
Available



Pan and Tilt Mount
Hardware included with
the optional mount



Extrusions
Hardware included with
the optional extrusion



warnings

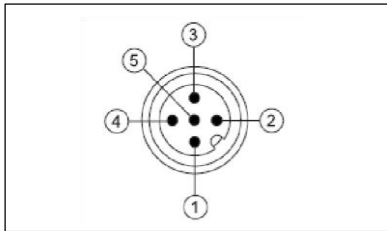


Attention

A total of six LEDs in the KEY-S75. Two parallel strings of three LEDs.
No LED protection – Do not apply an unregulated current source to LEDs.



wiring configuration



Function	Wire Color
1 – N/C	N/C
2 – N/C	N/C
3 – LED (-) Cathode	BLUE
4 – LED (+) Anode	BLACK
5 – N/C	N/C



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, 850, and 940.

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: 395, 470, 505, 530, and WHI.

Notice

Risk Group 1: UV emitted from this product. Minimize exposure to eyes and skin. Use appropriate shielding. Safe for most applications except prolonged exposures.
Applicable for wavelengths: 395

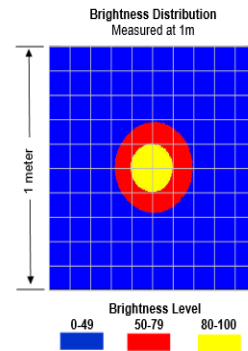
Caution

Risk Group 2: UV emitted from this product. Eye or skin irritation may result from exposure. Use appropriate shielding. Does not pose optical hazard if aversion responses limit exposure.
Applicable for wavelengths: 365



KEY-S75-XXX

Working Distance mm (inches)	Pattern (80%-100% measured intensity) mm (Inches)
.5m (19.7")	100mm (~4") D
1m (39.4")	200mm (~8") D
1.5m (59")	300mm (~12") D
Typical output performance	
Distance = .5 meter	Illumination (Lux) 45000
<i>Illumination measurement taken on White Lights – 6500K</i>	



KEY-S75-XXX-W

Working Distance mm (inches)	Pattern (80%-100% measured intensity) mm (Inches)
.5m (19.7")	210mm (~6") D
1m (39.4")	425mm (~17") D
1.5m (59")	650mm (~22") D
Typical output performance	
Distance = .5 meter	Illumination (Lux) 31500
<i>Illumination measurement taken on White Lights – 6500K</i>	

