

Crane Accessories

SCL System



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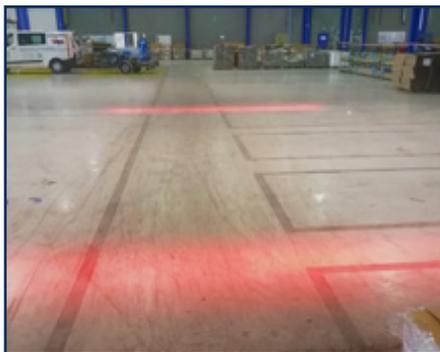
Security lights for gantry cranes

Ref. 180VZ0LEDSC

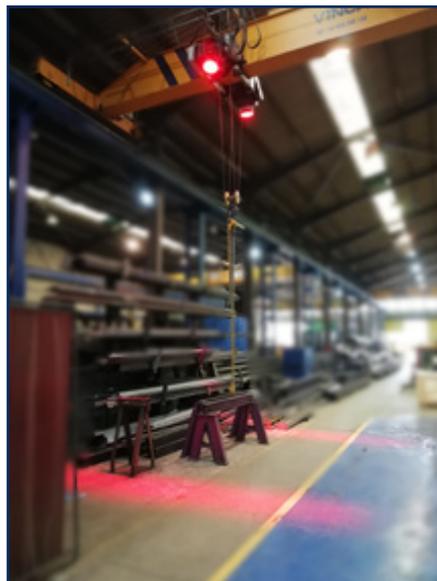
Industrial environments are actively working crane forklifts, heavy equipment, personal transporters and overhead cranes. Operators often perform multiple tasks and they are in a hurry to complete their tasks. Staff is also busy doing their work in the proximity of these machines, the combination of factors is a security risk.

The placement of visual alarms and beeps according to standard shows a low efficacy in many of these environments, what has pushed the development of the SCL System by VINCA.

This device is designed to improve security measures in a workspace with bridge crane with early signs of the real work of the hook area. Using two line lights with high power LED located in the hoist, and specially designed for industrial environments, crane will emit two beams of red light on the area next to the hook which moves with the hook and helps the crane operator and resto of operators in the area to see more clearly the area of maximum risk during hoisting operations..



Real Signals on the floor that alerts of the area of action of the crane bridge.



The SCL system can be installed on new or existing equipment.



Technical specification:

- Set of 2 LEDs, with brackets and transformer
- Power focus (unit): 120 Watts x 2 units
- Voltage: 24V DC
- Lumens: 12000 lm / 8400 lm
- LEDs: 24
- LED color temperature: 6000K
- Hours of life: 50,000 h (> 30.000 h)
- Measures 229 X 98 X 234 mm
- IP67 protection
- Temperature range: -20°~60°C
- Material housing: Aluminium



Options:

- Spot Light ●
- Color light blue ●



Delivery time:

- LED usually in stock, max 8 weeks.

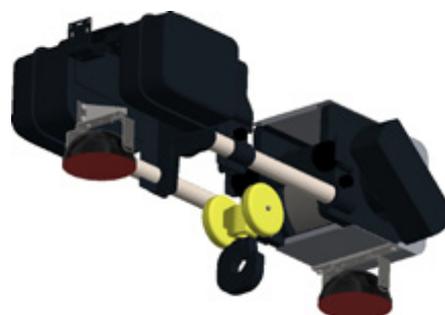
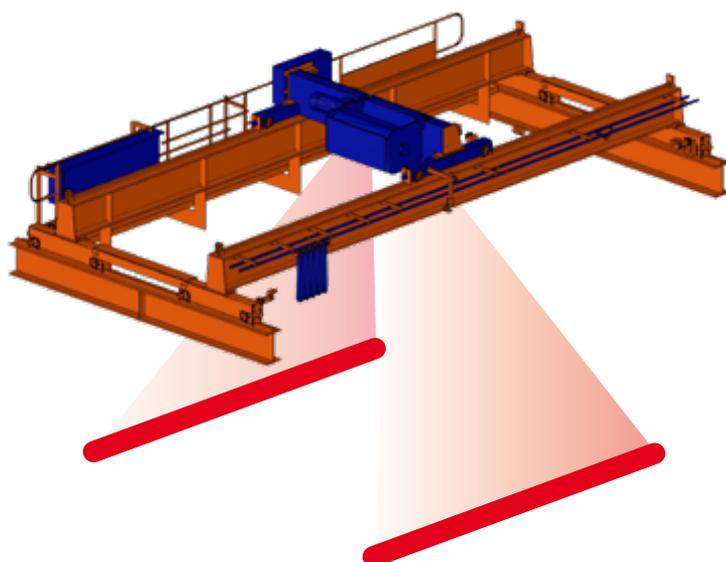
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Standar setting:

LINEAL +

Red light:



Example of installation of the SCL device on a hoist.

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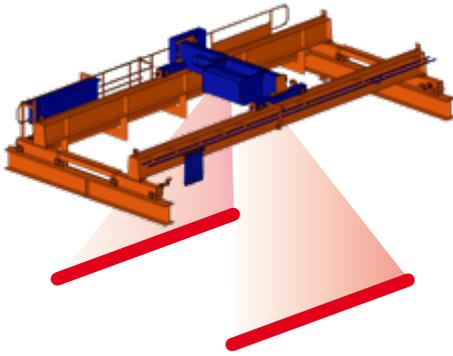
Settings:

The SCL system allows several designs depending on the combinations of beams made.

Default: LINEAL + RED. The others are optional.

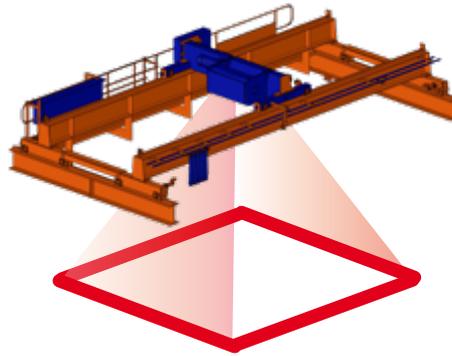
LINEAL:

RED:



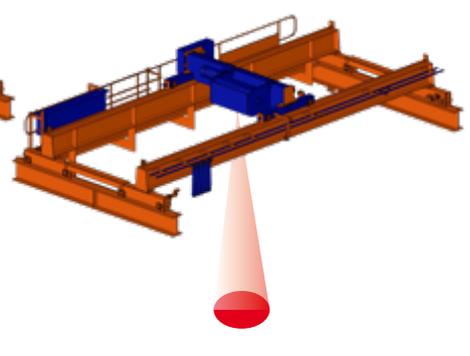
This configuration is usually installed in crane bridges.

SQUARED:



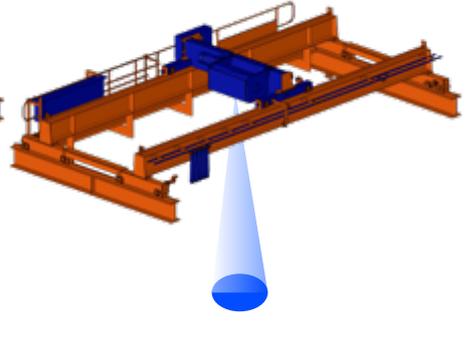
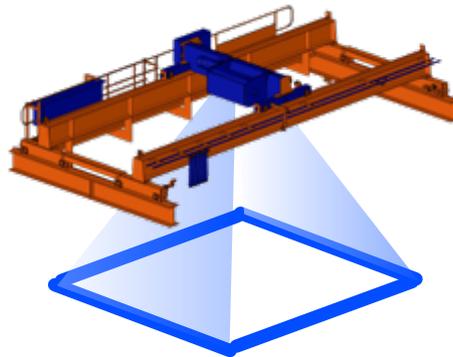
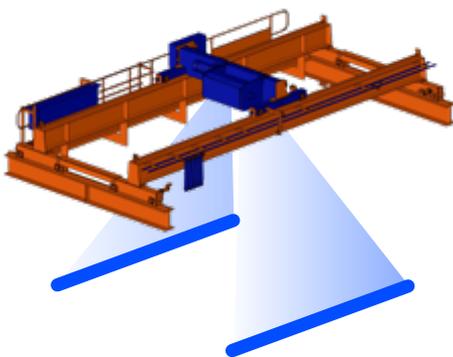
This configuration is ideal for delimiting work areas or material unloading areas.

SPOT:



With the spotlight option, we can further define the point of action in a very specific area.

BLUE:



Optional light colour: Blue.
By default it is red



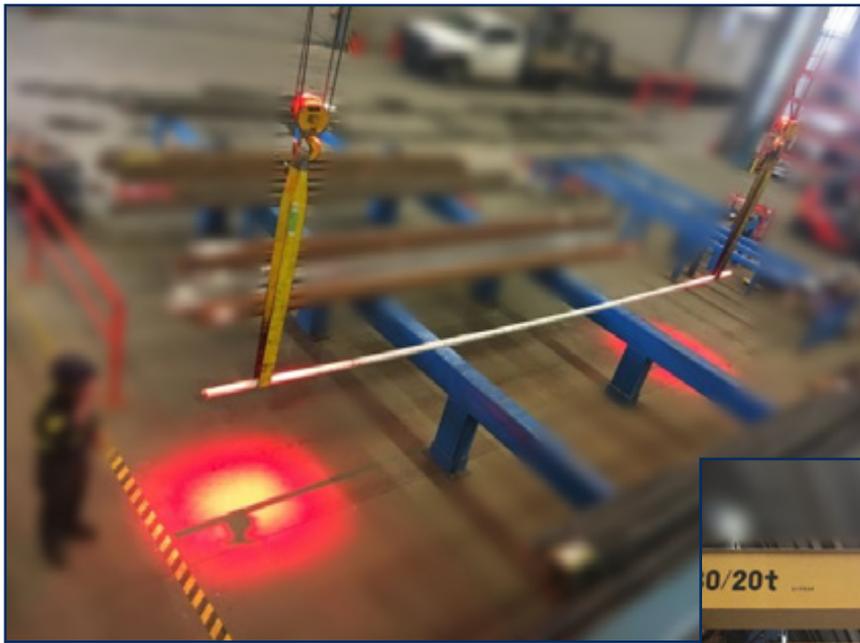
Sample of the square configuration to delimit the work area.



The Spot focus option can be used in groups or individually.

Dimensions of the light beam according to height and type

Installation Height (m)	Standard Model			HD Model	
	Line		Circle	Line	
	Beam Long (m)	Beam Width (m)	Diameter (m)	Beam Long (m)	Beam Width (m)
5	4,2	0,5	0,65	4	0,1
10	9,6	1,1	1,2	8	1,5
15	15	1,5	1,8	12	0,21
20	-	-	-	16	0,3



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VINCA products

- Bridges crane and gantry cranes
- Jib cranes
- Hoists and winches
- Scissor Tables and scissor lifts
- Elevators/Lifts for loads (PLT)
- Dock levelers
- Moving Dock levelers (RMC)
- Coats Furniture
- Wheel-lok (Vehicle Immobilizer)
- Safety equipment for docks
- Vacuum lifters VACU-LIFT
- Industrial Manipulators
- Pallet Inverters /Tippers
- Levelers NIVELMATIC
- Tilters inclinador
- Skips
- Industrial fans
- Industrial flexible doors, high speed doors
- Cold storage doors
- Fire doors
- Safety gates DOK-GUARDIAN
- Festoon for mobile equipment
- Lifting appliances
- Industrial Radio Controls
- After Sales Service for above equipment

⊕ ATEX classified equipment as option.



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