

RPB Series

The INSPECTOR™

Hazardous Location LED Lighting

Ideal for
**Paint Booth
and
Inspection Area**
RETRO-FIT

**CRI
95**
STANDARD

Haz Loc
HAZARDOUS
LOCATION



SOLAS RAY™ LIGHTING

5935 West 84th St. | Indianapolis, IN 46278 | 1-888-391-4822 | www.SolasRay.com

Cat. #	Type
Notes	

CERTIFICATIONS / RATINGS



CLASS / DIVISION

• Class I, Div 2, Groups A, B, C, D

• Class II, Div 2, Groups F, G

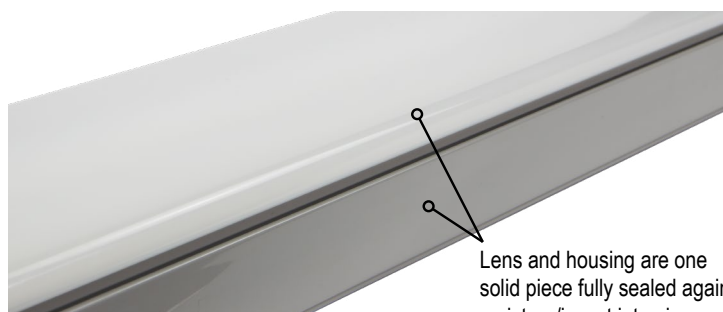
KEY FEATURES AND BENEFITS

- Linear, non-metallic, hazardous location LED lighting solution.
- Ideal replacement/retro-fit fixture for paint booths and inspection applications.
- Wet location rated.
- CRI 95 for outstanding light quality and accurate colors - close to spectrum of natural light.
- 42.2" length allows for easy retro-fit into 4' fluorescent housings.
- Rugged IK10 rated fixture - withstands up to 11 lbs impact.
- Integrated connector cable makes installation simple and quick.
- 12", 60" and 120" double-ended connector cables available to "daisy chain" fixtures together.
- Low profile surface mount clips included for easy installation in tight spaces.

SPECIFICATIONS

Voltage	110-277 VAC
Wattage	50W
Lumens	6,200 lm
Color Temp	5000 Kelvin
Housing	High heat polycarbonate
Color	Gray
Lens	Polycarbonate
Ambient Temperature	-30°C (-22°F) to 55°C (131°F)
T-Rating	T4
Lifetime	50,000 hrs L70
Efficacy	Up to 124 lm/W
CRI	95
Power Factor	0.90
Protection	IP66 / IK10
Warranty	5 Year Limited Warranty

ONE-PIECE co-extruded polycarbonate lens/ housing assembly with sealed and gasketed end caps.



Lens and housing are one solid piece fully sealed against moisture/insect intrusion.

**No exposed clips, gaskets or seams
between lens and housing.**

PRODUCT ORDERING SELECTION

RPB	050	50	U	SM	
Series	Watts	Kelvin	Voltage	Mounting Options	Other Options
☒ RPB	☒ 050 - 50W	☒ 50 - 5000K	☒ U - 110-277 VAC	☒ SM - Surface Mount (Includes 2 low profile mounting brackets)	☐ CC12 - 12" Double-ended Connector Cable ☐ CC60 - 60" Double-ended Connector Cable ☐ CC120 - 120" Double-ended Connector Cable

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MOUNTING OPTIONS

#SM - Surface Mount Brackets



2 low-profile surface mount brackets are included for ceiling mounting, wall mounting or retrofit mounting inside legacy light housings.



PAINT BOOTH / INSPECTION AREA RETRO-FITTING

Retro-fitting paint booth and inspection areas currently lamped with traditional fluorescent lights has many potential benefits to quality control, worker safety, energy efficiency, and reduced down-time. In a real-world paint booth retro-fit of The Inspector™ in multiple locations for a large U.S. automobile manufacturer, the following results were achieved:

More Light (lux at the work surface) was achieved with fewer fixtures due to the high color rendering (95 CRI) feature of The Inspector. The existing fluorescent lamps were measured at 62 CRI.

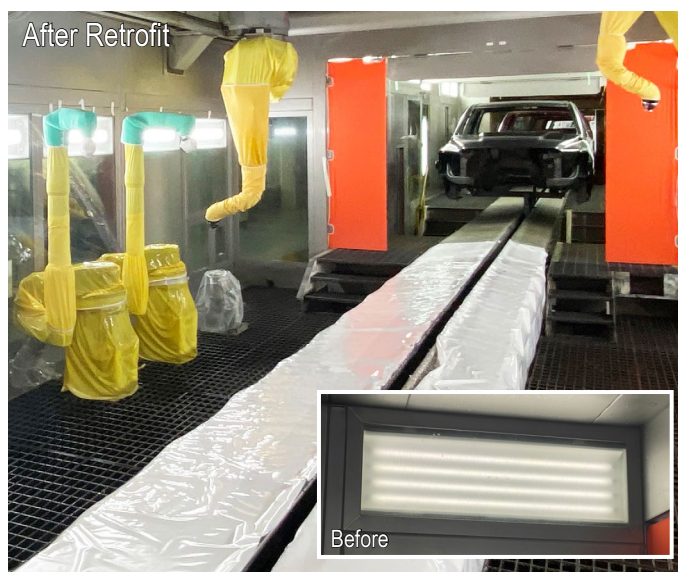
Quality Improvement Better quality and quantity of light enhanced defect detection during inspection

Reduced Down Time Virtually eliminates lamp replacements and maintenance.

Improved Energy Efficiency With an estimated energy savings for the facilities of \$690,000/year across the upgraded plants, a 60% savings.

Improved Worker Safety Better visibility plus the elimination of glass and mercury present in fluorescent lighting.

Return On Investment Less than one year simple payback period for the project.



WEIGHTS AND DIMENSIONS

Weight 4.9 lb

