

CLEAN ROOM LIGHT FIXTURES (PTLC-SALN-Series)

DATASHEET



- For use in Safe Area.
- Extra flat profile for low mounting depth
- Modern LED technology with a high luminous efficacy and with a long service life.
- Light fixtures that are preferred for use in clean room and Paint-booth installations.
- With Stainless steel or Powder-coated Mild-steel enclosures.
- In 3 different sizes, 1x1, 1x2 & 2x2, With Diff, Wattages: 24W, 30W, 40W, 45W, 60W

Product Highlights

Electrical data

Voltage: AC:	230V $\pm$ 10%,50Hz
Power consumption	24W, 30W, 40W, 60W
Surge Protection Inbuilt	4KVA,

Light Data

Lumen Efficacy (lm/W)	> 100 lm/W
Color rendering [CRI]	> 80
CCT Value	6500K, 5700K, 5000K, 4000K, 3000K

Mechanical Data

Enclosure Material	MS Powder Coated, SS Powder Coated,
Degree of protection	IP65

Ambient Temperature

Storage :

Sizes

Operational : -10 °C TO +50 °C

-10 °C TO +65 °C

Available in 3 Standard Sizes,
600x600, 300x600, 300x300



Standard Product / Selection Table & Ordering info

Cut-out Size (300x300) (1'x1')

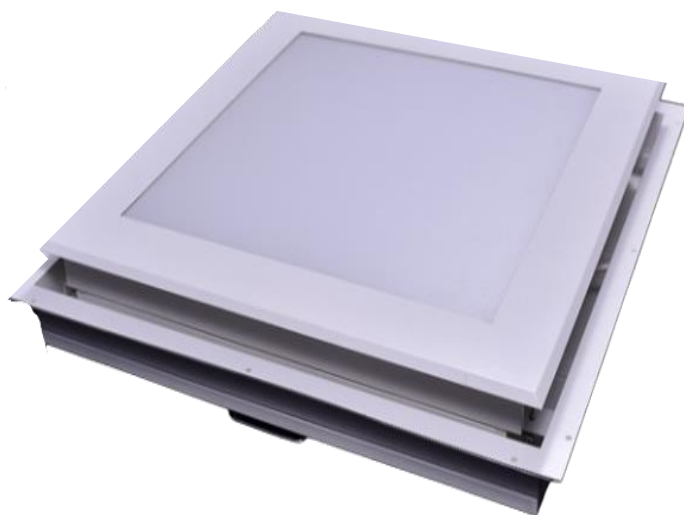
Opening Type	CCT	Material	Wattage	
			24W	30W
TOP	6500K	Mild Steel	PTLC-SALN-324-1121-211T-6500K	PTLC-SALN-330-1121-211T-6500K
		Stainless Steel	PTLC-SALN-324-1121-212T-6500K	PTLC-SALN-330-1121-212T-6500K
	5000K	Mild Steel	PTLC-SALN-324-1121-211T-5000K	PTLC-SALN-330-1121-211T-5000K
		Stainless Steel	PTLC-SALN-324-1121-212T-5000K	PTLC-SALN-330-1121-212T-5000K
	3000K	Mild Steel	PTLC-SALN-324-1121-211T-3000K	PTLC-SALN-330-1121-211T-3000K
		Stainless Steel	PTLC-SALN-324-1121-212T-3000K	PTLC-SALN-330-1121-212T-3000K
BOTTOM	6500K	Mild Steel	PTLC-SALN-324-1121-211B-6500K	PTLC-SALN-330-1121-211B-6500K
		Stainless Steel	PTLC-SALN-324-1121-212B-6500K	PTLC-SALN-330-1121-212B-6500K
	5000K	Mild Steel	PTLC-SALN-324-1121-211B-5000K	PTLC-SALN-330-1121-211B-5000K
		Stainless Steel	PTLC-SALN-324-1121-212B-5000K	PTLC-SALN-330-1121-212B-5000K
	3000K	Mild Steel	PTLC-SALN-324-1121-211B-3000K	PTLC-SALN-330-1121-211B-3000K
		Stainless Steel	PTLC-SALN-324-1121-212B-3000K	PTLC-SALN-330-1121-212B-3000K
Approximate Weight			2.5 Kg	2.5 Kg

Cut-out Size (300x600) (1'x2')

Opening Type	CCT	Material	Wattage	
			24W	30W
TOP	6500K	Mild Steel	PTLC-SALN-224-1121-211T-6500K	PTLC-SALN-240-1121-211T-6500K
		Stainless Steel	PTLC-SALN-224-1121-212T-6500K	PTLC-SALN-240-1121-212T-6500K
	5000K	Mild Steel	PTLC-SALN-224-1121-211T-5000K	PTLC-SALN-240-1121-211T-5000K
		Stainless Steel	PTLC-SALN-224-1121-212T-5000K	PTLC-SALN-240-1121-212T-5000K
	3000K	Mild Steel	PTLC-SALN-224-1121-211T-3000K	PTLC-SALN-240-1121-211T-3000K
		Stainless Steel	PTLC-SALN-224-1121-212T-3000K	PTLC-SALN-240-1121-212T-3000K
BOTTOM	6500K	Mild Steel	PTLC-SALN-224-1121-211B-6500K	PTLC-SALN-240-1121-211B-6500K
		Stainless Steel	PTLC-SALN-224-1121-212B-6500K	PTLC-SALN-240-1121-212B-6500K
	5000K	Mild Steel	PTLC-SALN-224-1121-211B-5000K	PTLC-SALN-240-1121-211B-5000K
		Stainless Steel	PTLC-SALN-224-1121-212B-5000K	PTLC-SALN-240-1121-212B-5000K
	3000K	Mild Steel	PTLC-SALN-224-1121-211B-3000K	PTLC-SALN-240-1121-211B-3000K
		Stainless Steel	PTLC-SALN-224-1121-212B-3000K	PTLC-SALN-240-1121-212B-3000K
Approximate Weight			4.5 Kg	4.5 Kg

Cut-out Size (600x600) (2'x2')

Opening Type	CCT	Material	Wattage	
			24W	30W
TOP	6500K	Mild Steel	PTLC-SALN-140-1121-211T-6500K	PTLC-SALN-240-1121-211T-6500K
		Stainless Steel	PTLC-SALN-140-1121-212T-6500K	PTLC-SALN-240-1121-212T-6500K
	5000K	Mild Steel	PTLC-SALN-140-1121-211T-5000K	PTLC-SALN-240-1121-211T-5000K
		Stainless Steel	PTLC-SALN-140-1121-212T-5000K	PTLC-SALN-240-1121-212T-5000K
	3000K	Mild Steel	PTLC-SALN-140-1121-211T-3000K	PTLC-SALN-240-1121-211T-3000K
		Stainless Steel	PTLC-SALN-140-1121-212T-3000K	PTLC-SALN-240-1121-212T-3000K
BOTTOM	6500K	Mild Steel	PTLC-SALN-140-1121-211B-6500K	PTLC-SALN-240-1121-211B-6500K
		Stainless Steel	PTLC-SALN-140-1121-212B-6500K	PTLC-SALN-240-1121-212B-6500K
	5000K	Mild Steel	PTLC-SALN-140-1121-211B-5000K	PTLC-SALN-240-1121-211B-5000K
		Stainless Steel	PTLC-SALN-140-1121-212B-5000K	PTLC-SALN-240-1121-212B-5000K
	3000K	Mild Steel	PTLC-SALN-140-1121-211B-3000K	PTLC-SALN-240-1121-211B-3000K
		Stainless Steel	PTLC-SALN-140-1121-212B-3000K	PTLC-SALN-240-1121-212B-3000K
Approximate Weight			5.8 Kg	5.8 Kg



Technical Data

Electrical data

Voltage		AC: 230V $\pm$ 10%, 50Hz	
Power consumption of the fixture (max, on full load):		PTLC-SALN-x24-xxxx-xxxx-xxxxx	24W
		PTLC-SALN-x30-xxxx-xxxx-xxxxx	30W
		PTLC-SALN-x40-xxxx-xxxx-xxxxx	40W
		PTLC-SALN-x60-xxxx-xxxx-xxxxx	60W
THD [%]		< 10 %	
Surge Protection		Inbuilt 4KVA,	
Cable Glands	Plastic	2 x M20	PTLC-SALN-xxx-xx21-xxxx-xxxxx
		2 x M25	PTLC-SALN-xxx-xx22-xxxx-xxxxx
	Metal	2 x M20	PTLC-SALN-xxx-xx23-xxxx-xxxxx
		2 x M25	PTLC-SALN-xxx-xx24-xxxx-xxxxx
	NPT	2 x 1/4 NPT	PTLC-SALN-xxx-xx25-xxxx-xxxxx
		2 x 1/2 NPT	PTLC-SALN-xxx-xx26-xxxx-xxxxx

Light Data

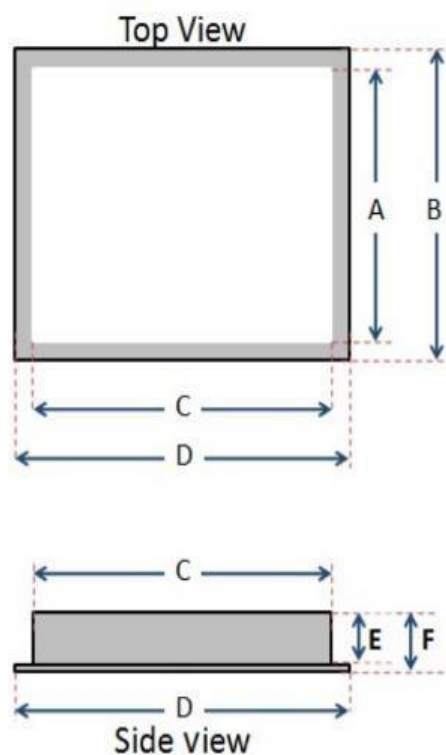
Lumen Efficacy (lm/W)	≥ 100 lm/W
Color rendering [CRI]	≥ 80
CCT Value	Standard: 6500K, On Special request: 5700K, 5000K, 4000K, 3000K can be made available.
Service Life	5 years Standard Warranty#

Mechanical Data

	Enclosure	Cover	Window
PTLC-SALN-xxx-xxxx- 211x-xxxxx	MS Powder Coated	MS Powder Coated	PMEA (polymer- coated PVC)
PTLC-SALN-xxx-xxxx- 212x-xxxxx	MS Powder Coated	SS Powder Coated	PMEA (polymer- coated PVC)
PTLC-SALN-xxx-xxxx- 222x-xxxxx	SS Powder Coated	SS Powder Coated	PMEA (polymer- coated PVC)

Note: Glass Window can be made available on Special request.

Degree of protection	IP65
Ambient Temperature Operational	10 °C TO +50 °C
Storage	10 °C TO +65 °C



		Top Opening			Bottom Opening	
		Ceiling Cut-out				
	Model Number	600mm x 600mm	600mm x 300mm	300mm x 300mm	600mm x 600mm	600mm x 300mm
		PTLC-SALN-3-.....T-.....	PTLC-SALN-2-.....T-.....	PTLC-SALN-1-.....T-.....	PTLC-SALN-3-.....B-.....	PTLC-SALN-2-.....B-.....
A	590	590	290	590	590	290
B	640	640	340	640	640	340
C	590	290	290	590	290	290
D	640	340	340	640	340	340
E	70	70	70	115	115	115
F	~72	~72	~72	~117	~117	~117

All Dimensions in (mm)