Vandal Resistant Fluorescent





WALL /CEILING/PENDANT MOUNT LAMPS: T5, T5HO, T8

SPECIFICATIONS



Description The Sonar 12 series features nearly unlimited architectural flexibility while maintaining maximum vandal resistance. A wide variety of trims, colors and lengths are available which can be combined in

nearly unlimited ways. Furthermore, the all aluminum body construction and optional wet location

listing allow the Sonar 12 series to be used in nearly any environmental condition

Housing Marine grade heat treated extruded aluminum. Chemically primed and

finished with robotically applied polyester powder coat.

Grill Marine grade die cast aluminum finished with polyester powder coat and

secured to housing with tamper resistant stainless steel machine screws.

Lens Extruded UV stabilized opal polycarbonate with integral prisms.

Maximum wall thickness 0.160". Secured to housing with die cast

aluminum clamps and stainless steel TORX® head screws.

End Caps Die-cast marine grade aluminum with conduit knockouts that are visible from interior of end cap.

Ballast Electronic high frequency ballast with less than 10% total harmonic distortion, 120-277V only.

347V optional.

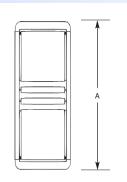
Sockets Precision spring loaded snap type for maximum impact damping.

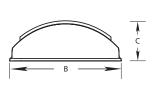
UL., C.UL., Damp standard, Wet optional. **UL Listing**

Luminaire Lighting Corporation will repair or replace any fixture damaged due to Lifetime Warranty vandalism for the lifetime of the installation.

DIMENSIONAL DATA

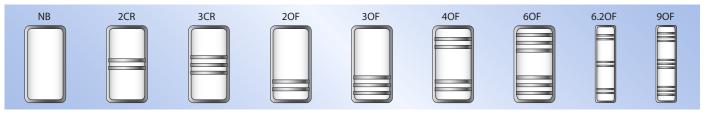
	Α	В	C
SPC1222	26.08	12.40	4.00
SPC1224	27.62	12.40	4.00
SPC1234	37.72	12.40	4.00
SPC1236	39.72	12.40	4.00
SPC1246	49.72	12.40	4.00
SPC1248	51.72	12.40	4.00





Rev: 08/11

GRILL CONFIGURATIONS



7 Olsen Avenue • P.O. Box 2104 • Edison, NJ • 08818 F. 732.549.9737





36"

46"

48"

ORDERING INFORMATION

3F14T5

4F14T5

1F17T8

2F17T8

3F17T8

4F17T8

1F24T5HO

LENGTH GRILL LAMPS **LENS SERIES VOLTS** SPC 12 **LAMPS** IENIS **LENGTH GRILL VOLTS** (not included) 22" NB 120 2CR 46" 24" 277 1F14T5 1F21T5 1F28T5 34" 3CR 347 2F14T5 2F21T5 2F28T5

2F24T5HO 2F39T5HO

3F24T5HO 3F39T5HO

36"

1F25T8

2F25T8

3F25T8

4F25T8

3F21T5

4F21T5

1F39T5HO

4F24T5HO 4F39T5HO 4F54T5HO

LEIN2	COLORS	OF HONS
OP	BLK -	JB
Opal Standard	Black WHT -	WET PRS
СР	White	CW
Clear	BRZ -	PC
Prismatic	Bronze GRY -	GLR ST/SC
Optional	Gray	PS
	SIL -	LEDNL
	Silver CUST -	OCC EMB600
	Custom Color	EMB100
	Consult Factory	EMB50
		COR

COLORS

COLORS

OPTIONS

OPTIONS

TX/SD

(REQUIRED)

GRILL DETAILS

20F

30F

40F

6OF

90F CUS

6.20F



3F28T5

4F28T5

1F32T8

2F32T8 3F32T8

4F32T8

2F54T5HO

3F54T5HO

OPTIONS

ID.	Diameter Colored Color
JB	Die cast joiner band for continuous row mount.
JD	DIE Cast IOITIEI DATIU IOI COTILITUOUS IOW HIDUITI.

Silicone and neoprene gasketing for wet location. Surface mount only. WET

PRS Program rapid start electronic ballast.

CW Cold Weather instant start ballast. -20°F minimum starting temperature. Available for T8 lamps only.

PC Photoelectric switch **GLR** Fuse and fuse holder. LEDNL LED Night Light.

OCC Microwave occupancy sensor mounted behind the lens. Available for 2-lamp configurations only.

EMB50

950-1350 lumen self contained 90 minute emergency battery pack. $0 \degree C$ (32 $\degree F$) to 55 $\degree C$ (131 $\degree F$) operating range. Available for 24", 36" and 48" lengths. Not available in 347V.

EMB100

350-450 lumen self contained 90 minute emergency battery pack. 0 $^{\circ}$ C (32 $^{\circ}$ F) to 50 $^{\circ}$ C (122 $^{\circ}$ F) operating range. Available for 24″, 36″and 48″ lengths. Not available in 347V.

EMB600

1025-1250 lumen self contained 90 minute emergency battery pack. 0 °C (32 °F) to 55 °C (122 °F) operating range. Available for 22″, 34″and 46″ lengths. Not available in 347V.

COR Corner mounted back box. Constructed from 16 gauge cold rolled zinc coated steel.

Finished with white powder coat.

ST/SC Slotted screws instead of TORX® head

PS Painted screws to match luminaire finish.

TX/SD TORX® head bit.

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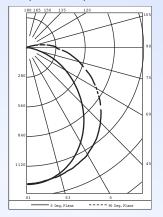


SPC 12 Series

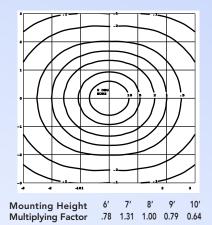
PHOTOMETRIC DATA

MODEL VPF124-232 LTL10679

Lamps: Two Philips F32T8-TL835 rated at 2850 lumens each. Total Efficiency: 74.2%

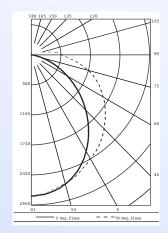


Zone	Lumens	%Lamps	%Fixt.
0-30	1004	17.6	23.7
0-40	1653	29.0	39.1
0-60	2976	52.2	70.4
0-90	4070	71.4	96.3
90-120	157	2.8	3.7
90-130	157	2.8	3.7
90-150	157	2.8	3.7
90-180	157	2.8	3.7
0-180	4227	74.2	100.0



MODEL VPF124-454HO LTL07522

Lamps: Four Sylvania FP54/841/HO rated at 4400 lumens each. Total Efficiency: 49.5%

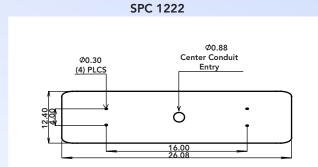


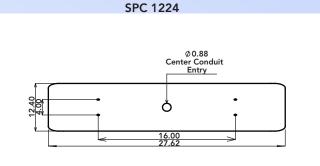
Zone	Lumens	%Lamps	%Fixt.
0-30	2072	11.8	23.8
0-40	3383	19.2	38.8
0-60	6047	34.4	69.3
0-90	8374	47.6	96.0
90-120	346	2.0	4.0
90-130	346	2.0	4.0
90-150	346	2.0	4.0
90-180	346	2.0	4.0
0-180	8720	49.5	100.0



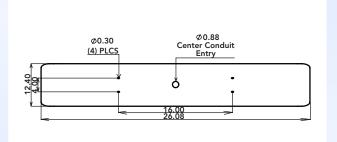
SPC 12 Series

INSTALLATION DETAILS

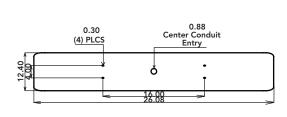




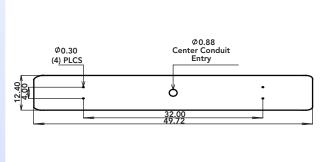
SPC 1234



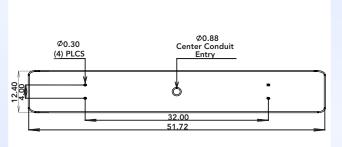




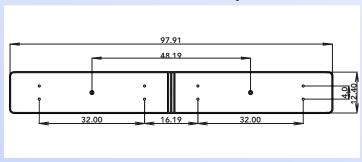
SPC 1246



SPC 1248



SPC 1246 Joined Assembly



SPC 1248 Joined Assembly

