

Shallow profile, aesthetically pleasing and simple to use.

TX 248
THE WRAP



9" WIDE 2½" DEEP SURFACE FLUORESCENT WRAPAROUND LENS
2 LAMP, T8 OR T12 FLUORESCENT

Floating panel of light effect. A shallow profile and linear prismatic sides combine to reduce ceiling contrast. Shielding hinges the unit's entire length. Snap-on components provide timesaving installation. Suitable for mounting on low-density cellulose fiberboard surfaces.

Project: _____
Location: _____
Catalog No: _____
Fixture Type: _____
Mfg: _____ Lamps: _____ Qty: _____
Notes: _____

Ordering Guide

Explanation of Catalog Number Example: TX248120SO

The Wrap Surface Luminaire	Lamp Quantity	Lamp Fixture Length	Voltage	Ballast Type	Options
TX	2	48			
9" Wide	2 = 2 Lamps	48 = Nominal 48" 32W T8 or 34W T12	UNV = 120/277V 120 = 120V 277 = 277V 347 = 347V	LE = T12 Magnetic SO = 2 LPB T8 Electronic	Add appropriate suffix to catalog No.

Features

- Ideal for low ceiling height applications where recessed units cannot be used.
- 2 5/8" total depth.
- Step-back housing for an apparent depth of 1 3/8".
- Efficiency 76%. (T8)
- A shallow profile and linear prismatic sides combine to reduce ceiling contrast.
- Virgin acrylic lens with one-piece extruded prismatic bottom and side walls.
- Shielding hinges from either side (self-leveling).
- Full-length ballast cover snaps-in, snaps-out (no tools).
- Individual or continuous row installations.
- Suitable for mounting on low-density cellulose fiberboard surfaces using supplied spacers.

Specifications

Performance: In a installation of 2 lamp 32W luminaires in a room cavity ratio of 1, with reflectance of 80% ceiling, 50% walls, 20% floor, the C.U. shall not be less than .79. To reduce glare the average luminance 65° shall not exceed 3117 candelas per square meter. To control ceiling reflections, luminaire output in the 30°–90° zone shall be not less than 70.5%.

Materials: Chassis parts are die-formed code gauge cold rolled steel. Housing is reinforced for rigidity. Refractor—one-piece virgin acrylic.

Finish: Chassis exterior—white baked polyester enamel. Cavity—white baked polyester enamel minimum reflectance 86%. Phosphate undercoating.

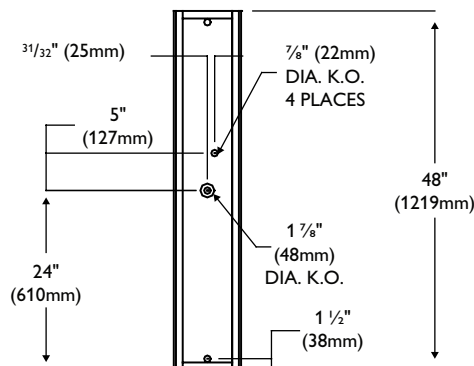
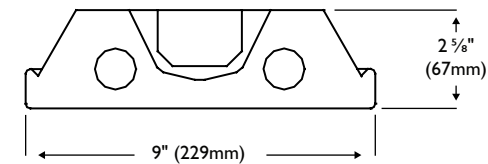
Lens: One-piece extruded prismatic bottom and side walls with diamond shape square based male conical prisms on horizontal surface.

Electrical: Rapid start HPF, E (energy saving ballast where applicable) thermally protected class "P" ballast C.B.M. certified by E.T.L. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

Labels: Listed by CSA.

This product may have a mercury containing lamp. Manage in accord with Disposal Laws. See: www.lamprecycle.org

Dimensions



Mounting Methods/Features



Shielding hinges from either side (self-leveling)

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Performance

Report Number: LSC5460

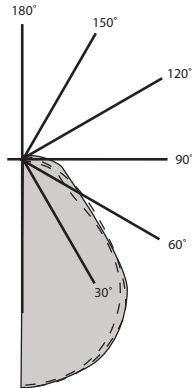
Catalog No: TX248-120SO

Lamp Type: 2 F32/TL835 T8 32W

Lumens per Lamp: 3050

Lumen Input Watts: 53.3

Total Efficiency: 76.0%



Candela Distribution

Angle	Along	22.5	45.0	67.5	Across	Output Lumens
0	1737	1737	1737	1737	1737	
5	1737	1732	1727	1728	1726	167
15	1669	1675	1684	1693	1688	475
25	1547	1550	1575	1590	1597	723
35	1326	1353	1381	1399	1401	853
45	971	1016	1046	1047	1038	785
55	505	595	672	648	626	563
65	325	348	417	442	439	395
75	185	177	220	289	332	253
85	45	74	121	193	221	146
90	0	27	90	150	169	
95	0	29	89	148	151	90
105	5	30	69	92	93	64
115	4	28	48	60	52	39
125	8	23	34	46	51	29
135	8	15	31	41	51	23
145	10	20	25	41	38	16
155	8	13	20	31	27	10
165	20	13	19	25	20	5
175	16	21	14	4	10	1
180	13	13	13	13	13	

Luminance Data in Candela / Sq. Meter

Angle	Along	45	Across
45	5067	5069	4879
55	3251	3893	3477
65	2842	3117	3087
75	2634	2416	3330
85	1918	2668	4074

Coefficients of Utilization

RC	80%				50%			30%			
RW	70	50	30	10	50	30	10	50	30	10	
RCR	Zonal Cavity Method Effective Floor Cavity Reflectance = .20										
Room Cavity Ratio	1	82	79	76	73	73	70	68	69	67	66
	2	76	70	65	61	65	61	58	62	59	56
	3	70	62	57	52	58	54	50	55	52	49
	4	64	56	50	45	52	47	44	50	46	43
	5	59	50	44	39	47	42	38	45	40	37
	6	55	45	39	34	42	37	33	41	36	33
	7	50	41	34	30	38	33	29	37	32	29
	8	47	37	31	26	35	29	26	33	29	25
	9	43	33	27	23	31	26	22	30	25	22
	10	40	30	24	20	29	23	20	28	23	19

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	1364	22.37	29.42
0-40	2217	36.36	47.83
0-60	3565	58.44	76.88
0-90	4359	71.46	94.01
40-90	2141	35.11	46.18
60-90	794	13.02	17.13
90-180	277	4.56	5.99
0-180	4637	76.02	100.00

Options/Accessories

Electrical/Wiring Options:

For special wiring or emergency packs, consult your Philips Lighting representative.

Internal Fusing:

Consult your Philips Lighting representative..

Canopy Spacer:

Suspends luminaire 1½" from surface. Order catalog number **STSK**.

Stem and Canopy:

Suspends luminaire 12", 18", 24", 36" or 48" from surface. Order catalog number **STKF12** (12"), **STKF18** (18"), **STKF24** (24"), **STKF36** (36"), **STKF48** (48"). White finish.



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Specifications are subject to change without notice.
www.philips.com/luminaires

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