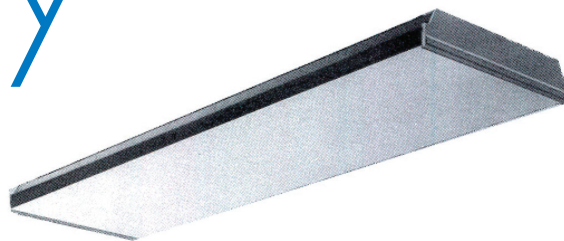


Shallow profile, aesthetically pleasing and simple to use.

TX 448
THE WRAP



14" WIDE 3³/₁₆" DEEP SURFACE FLUORESCENT WRAPAROUND LENS
2 OR 4 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: **TX448120SO**

The Wrap Surface Luminaire	Lamp Quantity	Lamp Fixture Length	Voltage	Ballast Type	Options
TX	2				
14" Wide	2 = 2 Lamps 4 = 4 Lamps	W8 = Nominal 48" (2 Lamp) 32W T8 or 34W T12 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 04 = 4 LPB T8 Electronic	Add appropriate suffix to catalog No.

Features

- Ideal for low ceiling height applications where recessed units cannot be used.
- 3 1/4" total depth.
- Step-back housing for an apparent depth of 1 3/8".
- Efficiency 71.5% (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.

Specifications

Performance: In a installation of 4 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 .75. To reduce glare the average luminance at 65° shall not exceed 3948 candelas per square meter. To control ceiling reflections, luminaire output in the 30°–90° zone shall be not less than 70%.

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.

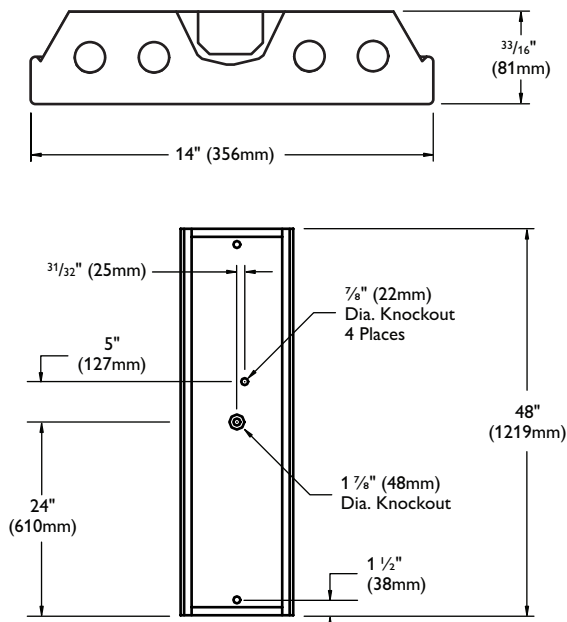
Lens: One-piece extruded prismatic bottom and side walls with diamond shape square based male conical prisms on horizontal surface.

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)

TX 448 THE WRAP

Performance

Report Number: LSC9663

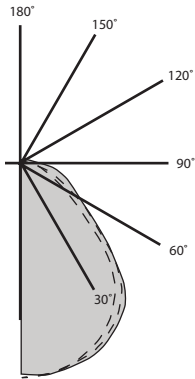
Catalog No: TX448-12004

Lamp Type: 4 T8 32W

Lumens per Lamp: 2950

Lumen Input Watts: 105.4

Total Efficiency: 71.5%



Candela Distribution

Angle	Along	22.5	45.0	67.5	Across	Output Lumens
0	3189	3189	3189	3189	3189	
5	3202	3190	3184	3185	3175	308
15	3086	3103	3104	3124	3116	877
25	2866	2886	2942	2957	2977	1343
35	2455	2522	2612	2646	2701	1610
45	1733	1858	1965	2008	1980	1466
55	931	1035	1181	1207	1217	1020
65	594	599	705	773	873	702
75	350	350	446	558	653	494
85	96	132	234	310	350	250
90	10	45	122	179	224	
95	4	27	125	167	173	12
105	5	30	73	118	112	76
115	9	34	64	87	101	59
125	14	15	62	84	88	46
135	8	34	49	64	60	32
145	10	15	31	54	49	20
155	22	16	34	40	32	11
165	4	22	21	19	26	6
175	20	29	25	1	1	2
180	5	5	5	5	5	

Luminance Data in Candela / Sq. Meter

Angle	Along	45	Across
45	5754	6082	5950
55	3810	4372	4327
65	3302	3373	3948
75	3175	3145	4227
85	2584	3362	4213

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	78	75	72	69	69	67	65	66	64	63	
	2	71	66	62	58	61	58	55	59	56	54	
	3	66	59	54	50	55	51	48	53	49	47	
	4	61	53	47	43	50	45	42	48	44	41	
	5	56	47	41	37	45	40	36	43	39	35	
	6	52	43	37	33	40	35	32	39	34	31	
	7	48	39	33	29	37	31	28	35	31	27	
	8	44	35	29	25	33	28	24	32	27	24	
	9	41	31	26	22	30	25	21	29	24	21	
	10	38	29	23	19	27	22	19	26	22	19	

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2527	21.42	29.97
0-40	4137	35.07	49.06
0-60	6624	56.14	78.54
0-90	8071	68.41	95.70
40-90	3933	33.34	46.64
60-90	1446	12.26	17.15
90-180	362	3.07	4.30
0-180	8434	71.48	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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