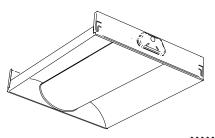
Type



2' × 2' Transition® Enclosed High Efficiency Architectural Lens



create**change**

FEATURES

- Enclosed high transmission extruded acrylic lens features linear prisms custom frost for superior lamp diffusion
- Appropriate for schools, medical facilities, dining areas, locker rooms, and public spaces
- · Enclosed lens protects against intrusion of contaminants
- Optional Antimicrobial® paint (AM option) resists bacterial growth on exposed painted surfaces
- · High performance matte white paint standard
- T8, T5, T5HO, and Twin Tube lamps available; for LED see LTRE series
- Lens gasket optional
- Wet label listing optional
- · Controls compatible for code compliance and energy savings
- Completely recessed; provides a smooth ceiling aesthetic with uniform illumination

PROJECT INFORMATION

Project Name

Catalog No.

CONSTRUCTION

Luminaire housing and end caps are die formed code gauge cold rolled steel. Reflector is stiffened with linear forms, profiled to a precision curve. High transmission extruded acrylic enclosed lens features linear prisms custom frost for superior lamp diffusion. All reflective surfaces are finished after fabrication with unique formula high reflectivity matte white paint for soft, unit formula high reflectivity matte white paint for soft, unit for indirect illumination. Optional Antimicrobial® painted superiors.

SHIELDING

Enclosed thermoplastic light seals to the housing at Do ends of the lens to prevent light to Lens hinges for easy access to center wireway a cronal gasket available surround the lamp cavit

FINISH

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ELECTICA

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TIFICATION

Iluminaires are built to UL 1598 standards and bear appropriate UL and cUL or CSA labels. Damp location listing is standard. Wet location listing available on most configurations. Emergency-equipped fixtures labeled UL 924 and Dry Location unless specified. For IC rated configurations, contact your local Hubbell Lighting representative. UL Sanitation Approved.

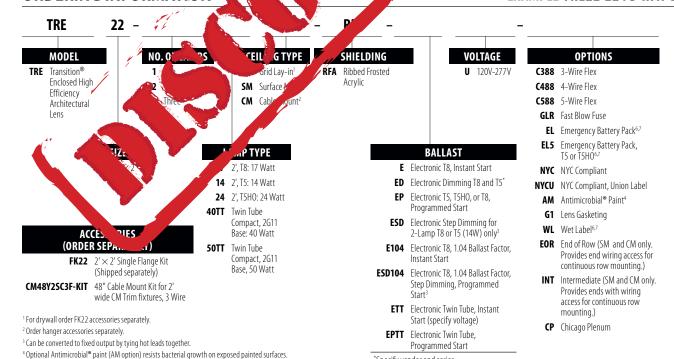
ORDERING INFORMATION

⁵ In-Fixture Module Antenna adds 2" to overall fixture height at power feed location

⁶ Not available with Surface Mount ceiling types.

⁷ Not available with Cable Mount ceiling types.

EXAMPLE TRE22-224G-RFA-EPU





*Specify vendor and series.





PHOTOMETRIC DATA

LUMINAIRE DATA

Luminaire	TRE22-224G-RFA-EPU TRA Transition, Recessed Architectural				
	2 x 2 2-lamp with frosted linear prismed lens				
Ballast	ICN-2S24				
Ballast Factor	1.00				
Lamp	F24T5				
Lumens per Lamp	1750				
Watts	51				
Mounting	Recessed				
Shielding Angle	0° = 90 90° = 90				
Spacing Criterion	0° = 1.22 90° = 1.38				
Luminous Opening in Feet	Length: 1.92 Width: 1.92 Height: 0.00				

COEFFICIENTS OF UTILIZATION (%)

		- · · · · · · · · · · · · · · · · · · ·											
	RC 80			70			50			0			
	RW	70	50	30	10	70	50	30	10	50	30	10	0
	1	90	85	82	78	87	83	80	77	80	77	74	68
	2	81	74	68	63	79	72	67	62	69	64	60	56
	3	74	64	57	51	71	63	56	51	60	55	50	46
	4	67	57	49	43	65	56	48	43	53	47	42	39
RG	5	62	50	43	37	60	49	42	37	48	41	36	34
ž	6	57	45	38	32	55	44	37	32	43	36	32	29
	7	52	41	33	28	51	40	33	28	39	32	28	26
	8	49	37	30	25	47	37	30	25	36	29	25	23
	9	46	34	27	22	44	34	27	22	33	26	22	20
	10	43	31	25	20	42	31	25	20	30	24	20	18
													///

RCR = Room Cavity Ratio

RC = Effective Ceiling Cavity Reflectance **RW** = Wall Reflectance

ZONAL LUMEN SUMMARY

	Zone	Lumens	% Lamp	% Fixt.
	0-30	717	20.5	24.7
	0-40	1188	33.9	40.9
	0-60	2177	62.2	74.9
	0-90	2906	83.0	100.0
	0-180	2906	83.0	100.0

INDOOR CANDELA PLOT



Test **6946** Test Date **4/25/2013**

ENERGY DATA

Total Luminaire Efficiency	83.0%
Luminaire Efficacy Rating (LER)	57
IESNA RP-1-1993 C	Non-Compliant
Comparative Y Lightin Energy Cost 1 1000 Lumen	\$4.21 based on 3000 hrs. and 60.08 per KWH

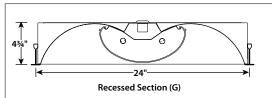
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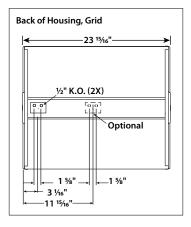
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ance	2		2	2721	306	3193
10	55	S	32	2744		3355
5	60	24	2266	276	323م	3545
7.	2	197	2197		3434	3641
rage Lur	70	1861	2126	1	3458	3705
7	75	1737	203	2741	3441	3689
		1597		2573	3077	3245
	85	1441	15	2178	2513	2680



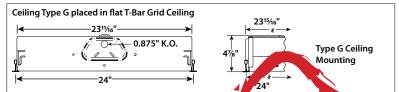


DIMENSIONAL DATA — GRID





CEILING COMPATIBILITY



For lay-in installation in exposed grid ceilings. Maximum - widths of 1" and maxim eights of 11/3" allowed.



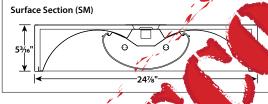
For %6" slot grid type ceilings zuminaire regress, 136" how that surface the



For bind ceiling a sure fixtures, and be ordered to a flange kit that wires directly into the concealed ceiling a sure fixtures, and be ordered to a flange kit that wires directly into the concealed ceiling a sure fixtures. For row configurations contact your local columbia Properties of the contact with the co

Flange type imension single FK? 4 3/8" x 24 3/8"

DIMENSIONAL DATA — SURFACE MOUNT







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Surface Mount:
Order SM ceiling type. Mounting
collar required for surface mounting.
(4) Mounting knock-outs, ¾",
provided in center channel as
indicated at left, marked "A".

Cable Mount:
Order CM ceiling type. Use
CM48Y2SC3F-KIT 48" Cable Mount
Kit for 2' wide CM ceiling type
fixtures. Mounting holes are
provided in diagonal straps shown at
left, marked "B".

NOTE: All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.

RECESSED ARCHITECTURAL / TRE22



^{*} For Cable Mount a 2" x 3" access plate with (4) %" KOs provided in place of Mounting Collar shown.