

TRN -1X4 Troffer with Acrylic Lens

Application

The TRN series 1X4 troffer is an economical and efficient design for quality lighting in commercial and retail applications. Long recognized as a standard in luminaires, this acrylic lens luminaire offers low cost maintenance with exceptional light output. For use in grid ceiling (NEMA Type G). Available in 1 or 2 lamp T5 or T8 configurations.

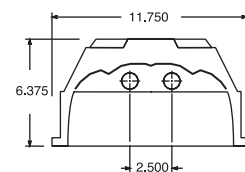
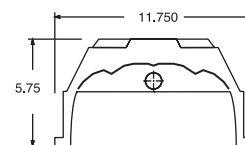
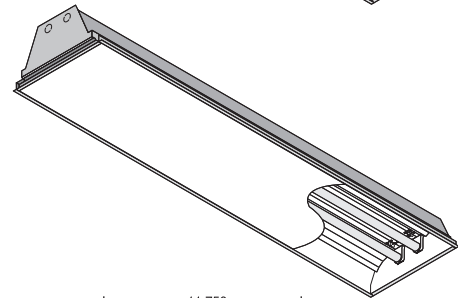
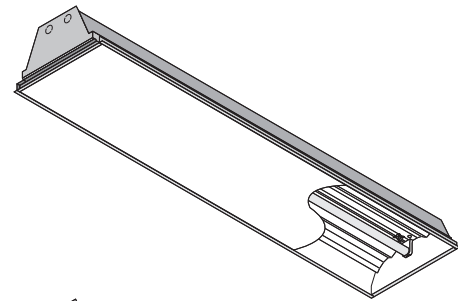
Construction

Fixture housing and ends are constructed from die formed steel, embossed for strength and uniformity. The heavy-duty ends attach to housing with tabs and screws. Fixture has integral EQ clips. Quick access plate for convenient power connections. All painted metal parts are pre-treated with a phosphate bonding process and painted with electrostatically applied high temperature baked white enamel for superior quality and durability.

Reflectors are constructed from highest quality specular or white aluminum. Material form, fit and thickness meet or exceed all UL 1598 requirements. Computer assisted design provides maximum light output, uniform light distribution, rigid strength and ballast access without the use of tools. The durable surface is highly resistant to scratching and non-abrasive cleaning solutions, making the reflectors easy to clean.

Electrical

Energy saving and electronic Class P, CBM/ETL certified HPF ballast comply with Federal Energy Efficiency Standards; Underwriters Laboratories listed.



Industry Leaders in Customization + Lead Times for Over 25 Years



TRN - Photometrics

reflect-a-light™

Coefficients of Utilization-Zonal Cavity Method Effective Floor Cavity Reflectance 0.20											
RC	80%				70%				50%		
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	90	90	90	90	88	88	88	88	84	84	84
1	83	80	78	75	81	79	76	74	76	74	72
2	77	72	68	64	75	71	67	63	68	65	62
3	72	65	60	56	70	64	59	55	62	58	54
4	66	59	53	49	65	58	52	48	56	51	48
5	61	53	47	42	60	52	46	42	42	45	42
6	57	48	42	37	56	47	41	37	38	41	37
7	53	43	37	33	51	43	37	33	42	36	33
8	49	39	33	29	48	39	33	29	38	32	29
9	45	35	29	25	44	35	29	25	34	29	25
10	42	32	26	23	41	32	26	23	31	26	22

Catalog Number:
TRN-13214-SA-N

Lamps:
One F32T8

Ballast:
Electronic 1-F32IS

Plane: 0-DEG 90-DEG
Spacing Criteria: 1.2 1.3
Efficiency: 75.4%
Photometric Certified by: Luminaire Testing Laboratory
Report No.: LTL02827

Coefficients of Utilization-Zonal Cavity Method Effective Floor Cavity Reflectance 0.20											
RC	80%				70%				50%		
RW	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%
0	81	81	81	81	79	79	79	79	75	75	75
1	75	73	70	68	73	71	69	67	68	66	65
2	70	65	61	58	68	64	60	58	62	59	56
3	65	59	54	51	63	58	54	50	56	52	49
4	60	53	48	44	59	52	48	44	51	47	43
5	56	48	43	39	54	47	42	38	46	41	38
6	52	44	38	34	50	43	38	34	42	37	34
7	48	40	34	30	47	39	34	30	38	33	30
8	44	36	30	27	43	35	30	27	34	30	27
9	41	32	27	24	40	32	27	23	31	27	23
10	38	30	24	21	37	29	24	21	29	24	21

Catalog Number:
TRN-23214-SA-N

Lamps:
Two F32T8

Ballast:
Electronic 2-F32IS

Plane: 0-DEG 90-DEG
Spacing Criteria: 1.2 1.1
Efficiency: 67.8%
Photometric Certified by: Luminaire Testing Laboratory
Report No.: LTL03676

Fixture Ordering Guide

TRN Series	1 Lamps	32 Wattage	14 Length x Width	EA Material	N Ballast
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Troffer Series
TRN - Acrylic Lens

No. of Lamps
1 - One Lamp
2 - Two Lamps

Lamp Wattage
32 - 32 Watt T8
54 - 54 Watt T5

Fixture Size (Length x Width)
14 - 1x4

Material Type
EA - 95% Enhanced Aluminum
SA - 86% Specular Aluminum
WA - 91% White Aluminum
MA - 93% Micro Aluminum

Electronic Ballast Options
H - High Power
N - Normal Power
L - Low Power
4 - 480 Volt

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