

CATALOG NUMBER	
PROJECT NAME	TYPE
VOLTAGE	LAMPS



202 & 204 SERIES

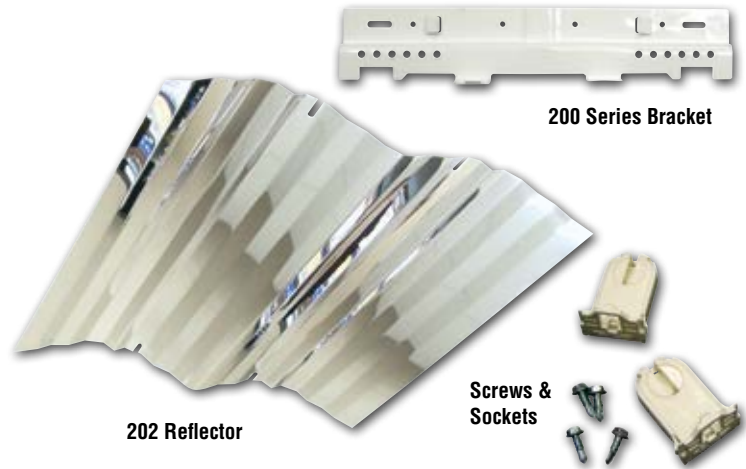
TROFFER RETROFIT KITS

SPECIFICATIONS

- 2' x 2' or 2' x 4' Retrofit Kit
- Enhance Light Levels and Quality
- Multiple Reflector Options
 - 95% Enhanced Aluminum
 - 91% White Aluminum
- Multiple Lamp and Ballast Options
 - T5, T5HO or T8
 - Super T8 High Efficiency
- Tool-Less Ballast Access

STANDARD KIT INCLUDES

- 202 or 204 Reflector Made from Specified Material
- 200 Series Brackets
- Tek Screws
- TL7 Sockets



ORDERING GUIDE:

2022

E

TL7

T8/N

SERIES	REFLECTOR	LAMP HOLDERS	OPTIONS
<input type="checkbox"/> 2022 - 2ft x 2ft 2 Lamp <input type="checkbox"/> 2023 - 2ft x 2ft 3 Lamp <input type="checkbox"/> 2024 - 2ft x 2ft 4 Lamp <input type="checkbox"/> 2026 - 2ft x 2ft 6 Lamp <input type="checkbox"/> 2042 - 2ft x 4ft 2 Lamp <input type="checkbox"/> 2043 - 2ft x 4ft 3 Lamp <input type="checkbox"/> 2044 - 2ft x 4ft 4 Lamp <input type="checkbox"/> 2046 - 2ft x 4ft 6 Lamp	<input type="checkbox"/> E - 95% Enhanced <input type="checkbox"/> W - 91% White	<input type="checkbox"/> TL5 - Standard Twist-Lock T5 <input type="checkbox"/> TL7 - Short Shunted Twist-Lock T8 (Instant Start Ballasts) <input type="checkbox"/> TL8 - Short Unshunted Twist-Lock T8 (Program Start Ballasts)	<input type="checkbox"/> T5/H - T5HO Ballast <input type="checkbox"/> T5/N - F28T5 NPF Ballast <input type="checkbox"/> T8/L - T8 LPF Ballast <input type="checkbox"/> T8/N - T8 NPF Ballast <input type="checkbox"/> T8/PSN - T8 NPF Program Start Ballast <input type="checkbox"/> T8/H - T8 HPF Ballast <input type="checkbox"/> T8/PSH - T8 HPF Program Start Ballast <input type="checkbox"/> PW - Pre-wired Ballasts to Sockets



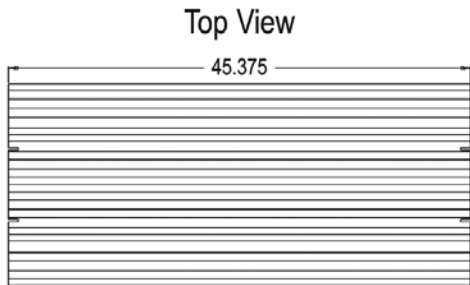
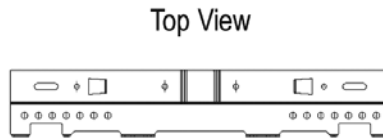
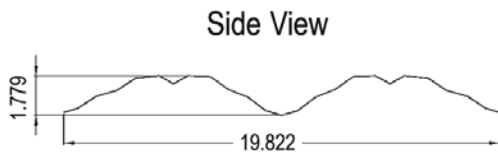
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202 / 204 SERIES

TROFFER RETROFIT KITS

INSTALLATION

- Rounded edge brackets for installer safety
- Standard brackets designed to fit most fixtures
- Tek screw slots for easy bracket centering
- Clip in reflector for easy installation



2022-E-T8

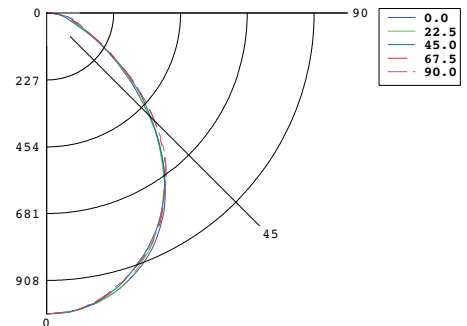
Luminaire Properties

Number of Lamps: 2
 Lumens Per Lamp: 1400
 Input Watts: 35
 Distribution: Direct
 Symmetry: Quadrilateral
 Photometric Type: Type C
 Luminous Shape: Rectangle
 Units: Feet
 Luminous Dimensions:
 0-180 Axis: 1.8
 90-270 Axis: 1.8
 Height: 0.00

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0-30	758	27	36
0-40	1193	43	56
0-60	1847	66	87
0-90	2123	76	100
90-120	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	2123	76	100

Candela Plot



Coefficients of Utilization

pfc=> pcc-> pw-> RCR	0.20																
	0.70	0.80	0.90	1.00	0.70	0.80	0.90	1.00	0.50	0.30	0.10	0.00	0.00	0.00	0.00	0.00	
0	91	91	91	91	88	88	88	88	85	85	85	81	81	81	78	78	78
1	84	81	78	75	82	79	76	74	76	74	72	73	71	69	67	67	67
2	77	72	67	63	75	70	66	62	68	64	61	65	62	60	57	57	57
3	71	64	58	54	69	63	58	54	61	56	53	59	55	52	50	50	50
4	66	58	51	47	64	57	51	47	55	50	46	53	49	45	43	43	43
5	61	52	46	41	59	51	45	41	50	44	41	48	44	40	38	38	38
6	57	47	41	37	55	47	41	36	45	40	36	44	39	36	34	34	34
7	53	43	37	33	52	43	37	33	42	36	32	40	36	32	31	31	31
8	49	40	34	30	48	39	33	29	38	33	29	37	33	29	28	28	28
9	46	37	31	27	45	36	31	27	35	30	27	35	30	27	25	25	25
10	43	34	28	25	43	34	28	24	33	28	24	32	28	24	23	23	23