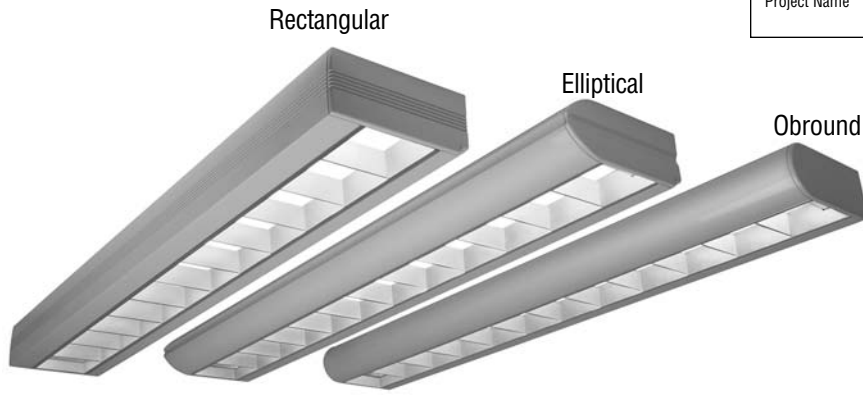


# Trilinea Series™

Catalog Number	Type
Project Name	



## TRP01-T5

Indirect/Direct & Direct  
(T5 or T5HO Lamps)

### S P E C I F I C A T I O N S

#### Housing

Two-piece .080" thick extruded aluminum. Die-cast aluminum end plates are secured with no visible fasteners. Standard lengths are 4', 8' and 12'. Provisions may be made for continuous rows of any length.

#### Finish

Standard and premium finishes are baked powder coat electrostatically applied (2.0 mil minimum thickness) to assure aesthetics and durability.

#### Indirect Optical Controls

- (OP) Open top 75%↑ 25%↓
- (TP4) Transmittive optical panel 60%↑ 40%↓
- (SP) Solid aluminum panel 0%↑ 100%↓

#### Direct Optical Controls

- (PB) 1 1/2" deep semi-specular aluminum parabolic baffle with blades on 4" centers
- (PBW) 1 1/2" deep white aluminum parabolic baffle with blades on 4" centers

#### Reflectors

Die-formed from .020" thick high reflectance specular aluminum.

#### Ballast

Standard ballasts for T5 and T5HO lamps are UL/CUL listed, Class P, HPF, electronic, universal 120/277volt, programmed rapid start with <10% THD.

#### Circuitry

All fixtures are factory pre-wired for a single circuit. Provision for multiple switching/circuiting is optional.

#### Wiring

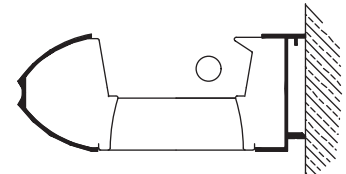
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

#### Controls

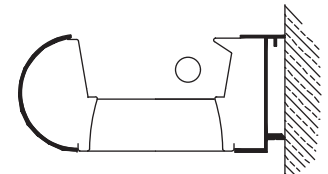
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

#### Certification

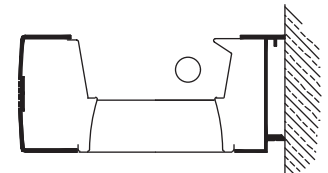
All fixtures are UL/CUL listed for use in "Dry Applications". "Damp Location" is optional.



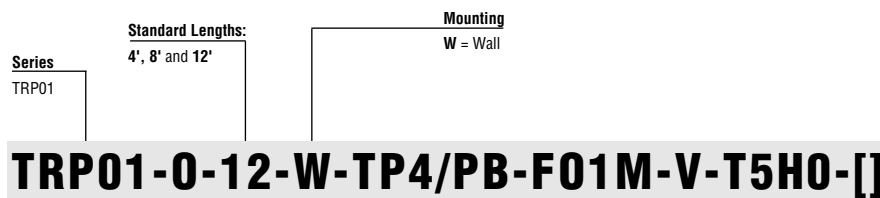
TRP01-E  
8 5/8" x 3 1/2"



TRP01-O  
8" x 3 1/2"



TRP01-R  
8" x 3 1/2"



Housing Style	Indirect Optical Controls	Direct Optical Controls	Standard Finishes	Voltage	Lamp Type	Options
E Elliptical	OP 75%↑ 25%↓	PB Semi-Specular Parabolic Baffle	F01M Matte White Premium Finishes	120	T5	NLCKT Separate Night Light Circuit
O Obround	TP4 60%↑ 40%↓	PBW White Parabolic Baffle	F01G Gloss White F02 Ivory F03 Stonewash F04 Camel F05 Gray Day F06 Pebble Beach F07 Steel F08 Gray Seal F09 Mocha F10 Bronzed F11 Black F12 Ultrasonic Clear	277 347	T5HO	EMCKT Separate Emergency Circuit EBPL Emergency Battery Pack (635-700 Lumens) EBPH Emergency Battery Pack (975-1325 Lumens)
R Rectangular	SP 0%↑ 100%↓		F13 Merlot F14 Red Skies F15 Lemon F16 Forest Hunter F17 Olive F18 Khaki F19 Heather Green F20 Blue Print F21 Reflex Blue F22 Navy FCC Custom Color			Dim Dimming FS Fused Ballasts GTD Generator Transfer Device DC Clear Extruded 100% DR Acrylic Dust Cover AO Translucent White Acrylic Overlay



# TRP01-T5HO

## Indirect/Direct

### Upper Optics - Open

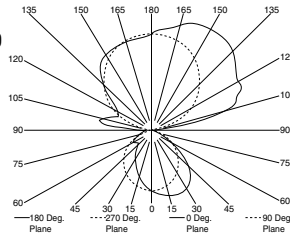
### Lower Optics - Semi-Specular Baffle

Catalog Number: TRP01-X-4-X-OP/PB-F01G-120-T5HO

Report Number: LTL #07355.ies

Luminaire Description: Extruded Aluminum Housing with Specular Aluminum Reflector and Semi-Specular Aluminum Baffle Open Top

Lamps: One Sylvania FP54/830/HO Rated at 4400 Lumens Each



Total Luminaire Efficiency = 79.3%

75% Up 25% Down

CANDELA DISTRIBUTION		LUMENS								
	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	
0	424	424	424	424	424	424	424	424	424	424
5	443	438	437	429	422	412	407	401	400	40
15	465	459	445	422	399	378	355	339	332	113
25	473	461	433	397	364	324	286	263	255	166
35	439	427	403	356	316	261	214	186	181	193
45	348	343	338	303	257	191	145	130	135	188
55	191	199	227	227	188	118	93	117	138	149
65	33	45	75	98	72	43	58	80	84	65
75	2	3	6	6	5	6	6	5	5	7
85	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0
95	25	28	38	109	24	83	99	46	47	84
105	508	519	410	260	123	126	189	315	349	306
115	666	624	504	401	240	245	224	239	248	365
125	704	681	619	495	354	359	349	321	318	413
135	784	761	683	576	459	456	492	462	453	434
145	811	785	731	622	543	539	556	587	592	396
155	811	788	738	660	612	605	612	618	621	309
165	758	739	713	680	653	650	652	650	656	193
175	703	697	692	681	677	671	672	670	670	65
180	677	677	677	677	677	677	677	677	677	677

## COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80			70			50			30			10			0		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	80	80	80	80	72	72	72	72	56	56	56	41	41	41	27	27	27	21
1	74	71	68	65	66	63	61	59	49	48	47	37	36	35	25	25	24	19
2	68	62	58	54	60	56	52	49	44	42	39	33	31	30	23	22	21	17
3	62	55	50	46	55	50	45	42	39	36	34	30	28	26	21	19	19	15
4	57	49	43	39	51	44	39	36	35	32	29	26	24	23	19	17	16	13
5	52	44	38	33	46	39	34	30	31	28	25	24	21	19	17	15	14	11
6	48	39	33	29	43	35	30	26	28	24	22	21	19	17	15	14	12	10
7	44	35	29	25	39	32	27	23	25	22	19	19	17	15	14	12	11	9
8	41	31	26	22	36	28	23	20	23	19	16	17	15	13	12	11	10	8
9	38	28	23	19	34	26	21	17	21	17	14	16	13	11	11	10	8	7
10	35	26	20	17	31	23	19	15	19	15	13	14	12	10	10	9	7	6

## QUICK SELECTION TABLE

Number of 4' luminaires required for initial illumination of 50 footcandles

Luminaire suspension length = 18" Working Plane Height = 30" Floor Reflectance = .20

Room HT	8				9				10				12			
Ceil RF	80		70		80		70		80		70		80		70	
Wall RF	70	50	50	30	70	50	50	30	70	50	50	30	70	50	50	30
Width	Length															
10.	10.	3	3	3	3	3	3	4	3	3	4	4	3	4	4	5
10.	15.	3	4	4	4	4	4	5	4	4	5	5	4	5	6	7
15.	20.	6	6	7	7	6	7	7	8	6	7	8	9	7	8	10
15.	30.	8	9	10	10	8	9	10	11	9	10	11	12	10	11	14
20.	20.	7	8	9	9	8	8	9	10	8	9	10	11	9	10	11
20.	30.	10	11	12	13	11	12	13	14	11	12	13	14	12	13	16
20.	40.	13	14	16	17	14	15	16	17	14	15	17	18	15	17	21
20.	60.	19	21	23	24	20	21	24	25	21	22	25	27	22	24	29
30.	30.	15	16	17	18	15	16	18	19	16	17	19	20	17	18	22
30.	40.	19	20	22	23	20	21	23	24	20	22	24	25	21	23	28
30.	50.	24	25	28	29	24	26	28	30	25	26	29	31	26	28	34
30.	60.	28	29	33	34	29	30	34	35	29	31	35	37	31	33	40
60.	60.	54	56	62	64	55	57	64	66	56	58	65	67	57	61	71
60.	80.	72	73	82	84	73	75	84	86	74	76	85	88	75	79	92
60.	100.	89	91	102	104	90	93	104	106	91	94	105	108	93	98	113
100.	100.	147	149	167	169	148	151	169	172	149	153	171	174	152	157	180

