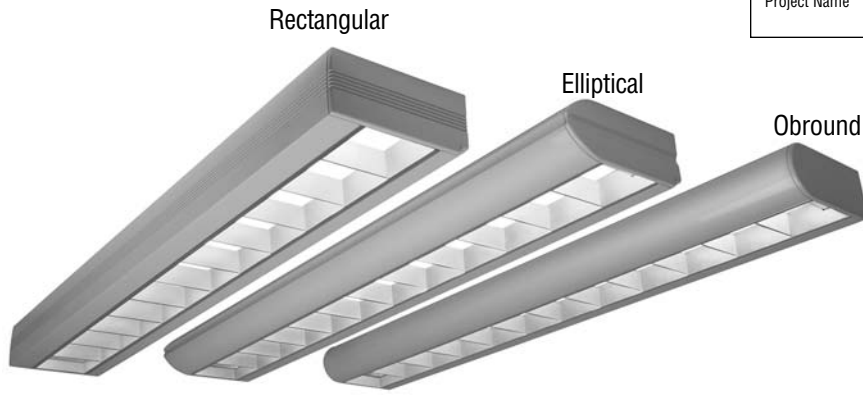


Trilinea Series™

Catalog Number	Type
Project Name	



TRP02-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

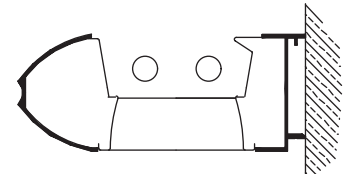
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

Controls

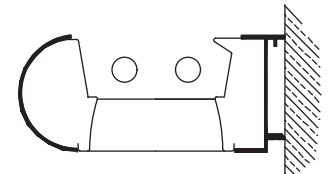
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

Certification

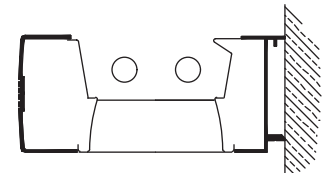
All fixtures are UL/CUL listed for use in "Dry Applications". "Damp Location" is optional.



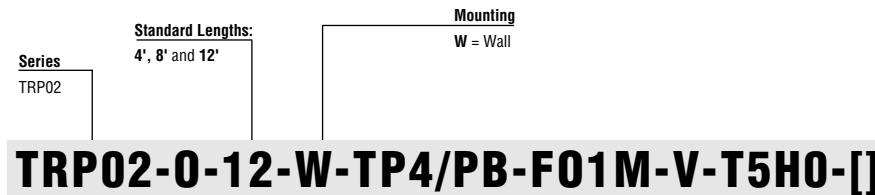
TRP02-E
8 5/8" x 3 1/2"



TRP02-O
8" x 3 1/2"



TRP02-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 F01G Gloss White	120	T5	SS-L/R (Left/Right) Lamp Row Switching (Common Neutral Utilized)
O Obround	TP4 60%↑ 40%↓	PBW White Parabolic Baffle	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	Dimming FS Fused Ballasts GTD Generator Transfer Device
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			EMCKT Separate Emergency Circuit EBPL Emergency Battery Pack (635-700 Lumens) EBPH Emergency Battery Pack (975-1325 Lumens) DC Clear Extruded 100% DR Acrylic Dust Cover (N/A for T5HO) AO Translucent White Acrylic Overlay



TRP02-T5H0

Indirect/Direct

Upper Optics - Open

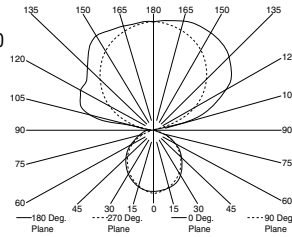
Lower Optics - Semi-Specular Baffle

Catalog Number: TRP02-X-4-X-OP/PB-F01G-120-T5H0

Report Number: LTL #07354.ies

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

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



Total Luminaire Efficiency = 83.0%

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	855	855	855	855	855	855	855	855	855
5	860	855	857	855	850	849	848	845	844
15	831	828	825	814	805	799	796	789	790
25	767	761	749	741	729	716	705	707	712
35	661	650	648	637	632	608	599	594	604
45	525	512	514	517	513	485	468	464	478
55	366	349	352	369	377	341	324	331	351
65	111	119	141	150	146	139	141	144	142
75	9	9	9	10	8	8	12	13	13
85	0	1	2	1	0	2	2	1	1
90	0	0	0	0	0	0	0	0	0
95	26	33	41	121	61	184	124	74	73
105	587	625	563	459	285	418	678	856	893
115	928	944	896	718	541	663	805	996	1061
125	1254	1218	1097	950	782	905	965	1039	1098
135	1397	1369	1271	1137	996	1078	1216	1217	1226
145	1502	1473	1407	1273	1177	1228	1339	1423	1438
155	1555	1530	1471	1375	1316	1346	1409	1456	1470
165	1535	1515	1486	1443	1411	1424	1454	1468	1473
175	1493	1489	1485	1467	1460	1460	1470	1467	1462
180	1467	1467	1467	1467	1467	1467	1467	1467	1467

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80			70			50			30			10			0		
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	84	84	84	84	75	75	75	75	58	58	58	42	42	42	28	28	28	21
1	77	74	71	68	69	66	64	62	52	50	49	38	37	36	26	25	25	19
2	71	65	61	57	63	58	55	51	46	43	41	34	33	31	23	22	22	17
3	65	58	52	48	58	52	47	43	41	38	35	31	29	27	21	20	19	15
4	59	51	45	41	53	46	41	37	36	33	30	27	25	23	19	18	17	13
5	54	45	39	35	48	41	36	32	32	29	26	24	22	20	17	16	15	11
6	50	41	34	30	45	37	31	27	29	25	22	22	19	18	15	14	13	10
7	46	37	30	26	41	33	28	24	26	22	20	20	17	15	14	12	11	9
8	42	33	27	23	38	30	24	21	24	20	17	18	15	13	13	11	10	8
9	39	30	24	20	35	27	22	18	21	18	15	16	14	12	11	10	9	7
10	36	27	21	17	33	24	19	16	19	16	13	15	12	10	10	9	8	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		Wall RF		Ceil RF		Wall RF		Ceil RF		Wall RF		Ceil RF		Wall RF	
	80	70	70	50	50	30	70	50	50	30	80	70	70	50	50	30
10.	10.	1	2	2	2	2	2	2	2	2	2	2	2	2	2	3
10.	15.	2	2	2	2	2	2	2	3	2	2	3	3	2	3	3
15.	20.	3	3	4	4	3	3	4	4	3	4	4	4	4	4	5
15.	30.	4	4	5	5	4	5	5	6	4	5	5	6	5	5	6
20.	20.	4	4	4	5	4	4	5	5	4	4	5	5	4	5	5
20.	30.	5	6	6	6	5	6	6	7	6	6	7	7	6	7	8
20.	40.	7	7	8	8	7	7	8	9	7	8	8	9	8	8	9
20.	60.	10	10	11	12	10	11	12	12	10	11	12	13	11	12	13
30.	30.	7	8	9	9	8	8	9	9	8	8	9	10	8	9	10
30.	40.	9	10	11	11	10	10	11	12	10	11	12	12	10	11	13
30.	50.	12	12	13	14	12	12	14	15	12	13	14	15	13	14	15
30.	60.	14	14	16	17	14	15	16	17	14	15	17	18	15	16	18
60.	60.	26	27	30	31	27	28	31	32	27	28	31	33	28	29	33
60.	80.	35	35	40	40	35	36	40	41	35	37	41	42	36	38	43
60.	100.	43	44	49	50	43	45	50	51	44	45	51	52	45	47	52
100.	100.	70	71	80	81	71	72	81	82	72	73	82	84	73	75	84

