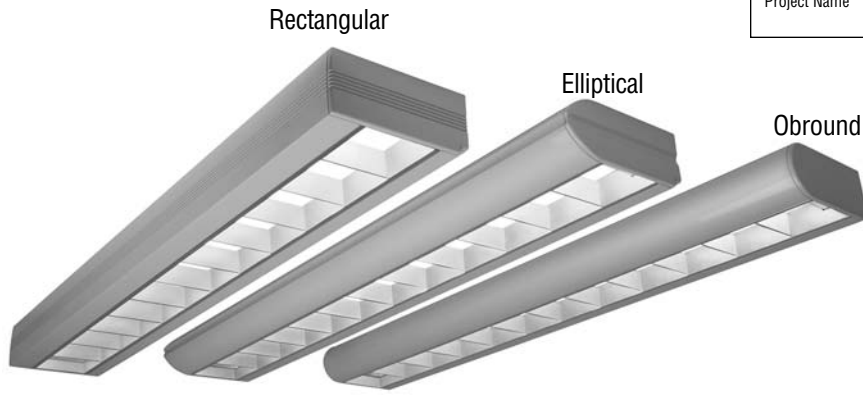


Trilinea Series™

Catalog Number	Type
Project Name	



TRP01-T8

Indirect/Direct & Direct (T8 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 60%↑ 40%↓
- (TP4) Transmittive optical panel 40%↑ 60%↓
- (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 T8 lamps are UL/CUL listed, Class P, HPF, electronic, universal 120/277volt, instant start with <10% THD.

Circuitry

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

Wiring

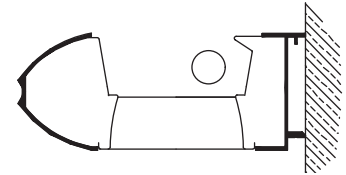
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

Controls

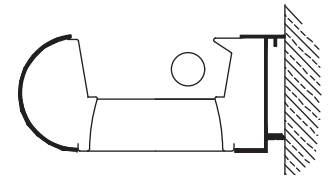
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

Certification

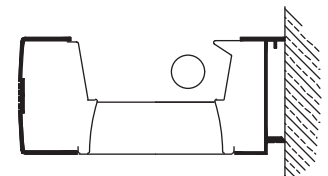
All fixtures are UL/CUL listed for use in "Dry Applications". "Damp Location" is optional.



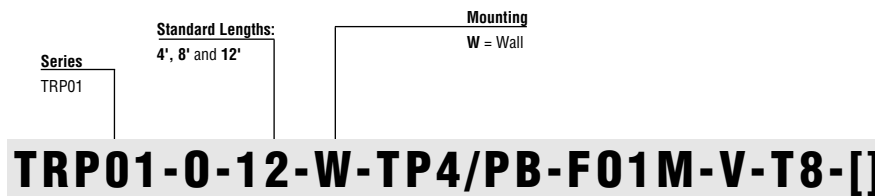
TRP01-E
8 5/8" x 3 1/2"



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 60%↑ 40%↓	PB Semi-Specular Parabolic Baffle	F01M Matte White Premium Finishes	120	T8	NLCKT Separate Night Light Circuit
O Obround	TP4 40%↑ 60%↓	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		EMCKT Separate Emergency Circuit
R Rectangular	TP2 20%↑ 80%↓ 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 F23 Custom Color			EBPL Emergency Battery Pack (635-700 Lumens) EBPH Emergency Battery Pack (975-1325 Lumens)
						Dim Dimming FS Fused Ballasts GTD Generator Transfer Device DC Clear Extruded 100% DR Acrylic Dust Cover AO Translucent White Acrylic Overlay



TRP01-T8

Indirect/Direct & Direct

Upper Optics - Open

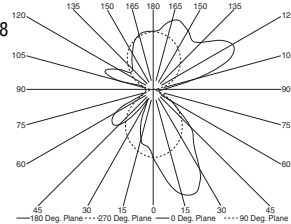
Lower Optics - Semi-Specular Baffle

Catalog Number: TRP01-X-4-X-OP/PB-F01G-120-T8

Report Number: LTL #07110.ies

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

Lamps: One Philips F32T8/TL841 Rated at 2850 Lumens Each



Total Luminaire Efficiency = 83.6%
60% Up 40% Down

CANDELA DISTRIBUTION					LUMENS				
0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	
0	406	406	406	406	406	406	406	406	
5	493	477	460	430	402	377	360	352	
15	655	632	570	473	381	327	331	316	
25	647	640	611	498	344	295	229	167	
35	422	452	530	485	296	231	114	60	
45	317	325	329	398	234	132	79	234	
55	103	127	215	259	163	62	187	262	
65	59	76	57	99	65	37	100	142	
75	8	8	8	10	9	9	14	16	
85	3	1	3	5	4	5	5	4	
90	0	0	0	0	0	0	0	0	
95	16	17	18	43	13	13	3	4	
105	239	277	309	184	57	76	194	164	
115	533	495	381	179	112	89	160	266	
125	522	458	319	242	172	150	133	171	
135	416	369	334	310	229	219	186	180	
145	394	396	385	344	275	280	249	232	
155	431	431	416	361	310	318	310	290	
165	429	416	395	352	335	342	344	344	
175	364	356	354	353	352	353	353	352	
180	353	353	353	353	353	353	353	353	

Upper Optics - TP4 Panel

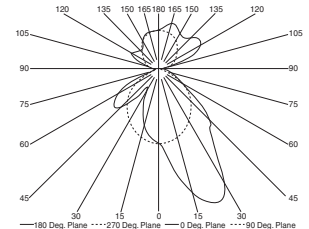
Lower Optics - Semi-Specular Baffle

Catalog Number: TRP01-X-4-X-TP4/PB-F01G-120-T8

Report Number: LTL #07222.ies

Luminaire Description: Extruded Aluminum Housing with Specular Aluminum Reflector and Semi-Specular Aluminum Baffle Transmittive Optical Panel on Top

Lamps: One Philips F32T8/TL841 Rated at 2850 Lumens Each



Total Luminaire Efficiency = 71.9%
40% Up 60% Down

CANDELA DISTRIBUTION					LUMENS				
0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	
0	434	434	434	434	434	434	434	434	
5	510	495	473	445	438	427	427	421	
15	750	718	629	495	412	390	373	352	
25	852	831	743	547	378	337	276	231	
35	571	628	711	567	325	261	178	137	
45	410	414	449	506	258	173	132	257	
55	188	211	274	355	184	99	202	290	
65	78	86	79	120	74	51	119	162	
75	9	9	9	13	9	11	19	18	
85	3	1	3	3	3	4	5	3	
90	0	0	0	0	0	0	0	0	
95	9	9	10	10	7	9	9	11	
105	81	94	95	63	28	40	59	51	
115	244	234	188	104	73	70	117	164	
125	293	268	196	144	113	110	114	163	
135	265	238	198	189	151	157	141	138	
145	234	236	234	221	181	190	183	172	
155	261	265	264	235	205	206	217	207	
165	275	270	258	233	220	220	224	229	
175	243	236	234	227	227	225	227	225	
180	227	227	227	227	227	227	227	227	

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	0	
0	88	88	88	88	80	80	80	80	66	66	66	53	53	53	40	
1	81	78	75	72	74	71	69	67	59	57	56	48	46	45	37	
2	74	69	64	60	68	63	59	56	53	50	47	43	41	39	34	
3	68	61	56	51	62	56	52	48	47	44	41	38	36	34	29	
4	63	54	48	44	57	50	45	41	42	38	35	35	32	30	28	
5	58	48	42	37	53	45	39	35	38	33	30	31	28	26	25	
6	53	43	37	32	48	40	34	30	34	30	26	28	25	22	22	
7	49	39	33	28	45	36	30	26	30	26	23	25	22	20	20	
8	45	35	29	25	41	32	27	23	27	23	20	23	20	17	18	
9	42	32	26	21	38	29	24	20	25	21	18	21	17	15	14	
10	39	29	23	19	35	27	21	18	23	18	16	19	16	13	11	

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	0	
0	79	79	79	79	73	73	73	73	64	64	64	55	55	55	47	
1	73	70	68	65	68	66	64	62	57	56	54	50	49	48	43	
2	67	62	58	55	63	59	55	52	52	49	47	45	43	41	38	
3	62	56	51	47	58	52	48	45	46	43	40	41	38	36	34	
4	57	50	44	40	53	47	42	38	41	38	35	36	34	31	32	
5	52	44	39	34	49	42	37	33	37	33	30	33	30	27	29	
6	48	40	34	30	45	37	32	29	33	29	26	29	26	24	26	
7	44	36	30	26	41	34	29	25	30	26	23	27	23	21	23	
8	41	32	26	23	38	30	25	22	27	23	20	24	21	18	21	
9	38	29	23	20	35	27	22	19	24	20	17	21	18	16	19	
10	35	26	21	17	33	25	20	17	22	18	15	20	16	14	17	

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				
Cell 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	4	4	4	4	4	4	5	4	5	5	6	4	5	6	7
10.	15.	4	5	5	6	5	5	6	6	5	6	6	7	6	7	8	9
15.	20.	8	8	9	10	8	9	10	11	9	10	10	11	9	11	12	13
15.	30.	11	12	13	14	12	13	14	15	12	13	15	16	13	15	16	18
20.	20.	10	11	12	12	10	11	12	13	11	12	13	14	12	13	14	16
20.	30.	14	15	16	17	15	16	17	18	15	17	18	19	16	18	20	22
20.	40.	19	20	21	22	19	21	22	24	20	21	23	25	21	23	25	28
20.	60.	27	29	31	33	28	30	32	34	29	31	34	36	30	34	36	39
30.	30.	21	22	24	25	21	22	24	26	22	23	25	27	23	25	27	30
30.	40.	27	28	31	32	27	29	32	33	28	30	33	35	30	32	35	38
30.	50.	33	35	38	39	34	36	39	41	35	37	40	42	36	39	43	46
30.	60.	39	41	45	46	40	42	46	48	41	44	47	50	43	46	50	54
60.	60.	76	78	86	88	77	80	87	90	78	82	89	92	81	85	93	97
60.	80.	101	103	113	115	102	105	115	118	103	107	117	121	106	111	121	126
60.	100.	126	128	140	143	127	130	142	146	128	132	145	149	131	137	150	155
100.	100.	207	210	230	233	208	212	232	236	210	215	235	240	213	220	241	248

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				
Cell 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.	4	4	4	5	4	4	5	5	4	5	5	6	5	6	6	7
10.	15.	5	5	6	6	5	6	6	7	6	6	7	8	6	8	8	9
15.	20.	9	9	10	10	9	10	10	11	9	10	10	11	9	10	12	13
15.	30.	12	13	14	15	13	14	15	16	13	15	16	17	14	16	17	19
20.	20.	11	12	12	13	11	12	13	14	12	13	14	15	13	15	15	17
20.	30.	16	17	18	19	16	18	19	20	17	18	19	21	18	20	21	23
20.	40.	21	22	23	24	21	23	24	25	22	24	25	27	23	26	27	30
20.	60.	30	32	34	35	31	33	35	37	32	34	36	39	34	37	39	42
30.	30.	23	24	25	26	23	25	26	28	24	26	27	29	25	28	29	32
30.	40.	30	31	33	34	30	32	34	36	31	33	35	37	33	35	38	40
30.	50.	37	38	41	42	38	39	42	44	38	41	43	45	40	43	46	49
30.	60.	44	46	49	50	45	47	50	52	46	48	51	54	48	51	54	58
60.	60.	85	87	93</													