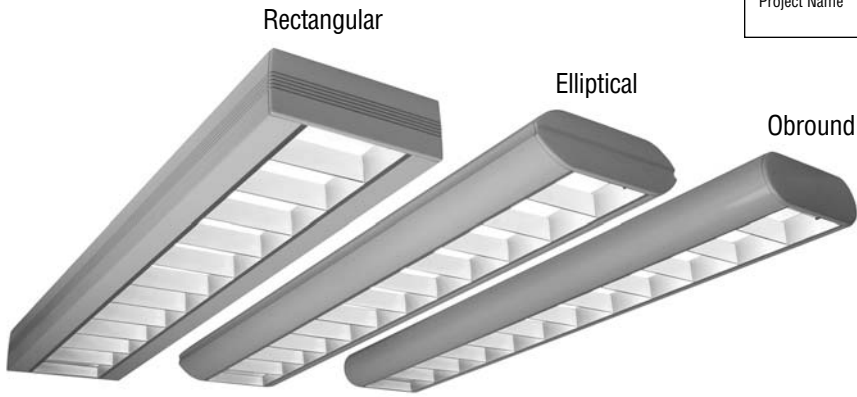


Trilinea Series™

Catalog Number	Type
Project Name	



TRS03-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 patterns and 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. Standard finish for stems and canopies is white.

Indirect Optical Controls

- (OP) Open top 60%↑ 40%↓
- (TP4) Transmittive optical panel 40%↑ 60%↓
- (TP2) Transmittive optical panel 20%↑ 80%↓
- (SP) Solid aluminum panel 0%↑ 100%↓

Direct Optical Controls

- (PB4) 1 1/2" deep semi-specular aluminum parabolic baffle with blades on 4" centers
- (PB3) 1 1/2" deep semi-specular aluminum parabolic baffle with blades on 3" 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

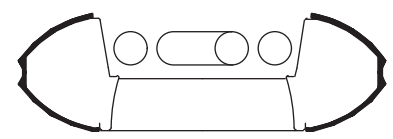
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

Controls

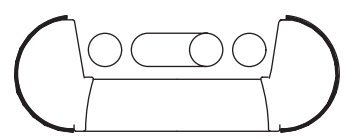
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

Certification

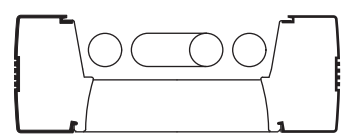
All fixtures are UL/CUL listed for use in "Dry Applications". "Damp Location" is optional.



TRS03-E
11" x 3 1/2"



TRS03-O
9 3/4" x 3 1/2"



TRS03-R
9 3/4" x 3 1/2"

Mounting

- CT = Cable (15/16" Tbar) Fully Adjustable (36" Standard)
- CN = Cable (Non-Tbar) Fully Adjustable (36" Standard)
- P = Rigid Stem (Up to 48" Standard)
- K = Swivel Stem (Up to 48" Standard)
- J = Ceiling (With "SP" Optical Control only)

Standard Lengths:
4', 8' and 12'

TRS03-0-12-CT-TP4/PB4-F01M-V-T8-[]

Housing Style	Indirect Optical Controls	Direct Optical Controls	Standard Finishes	Voltage	Lamp Type	Options
E Elliptical	OP 60%↑ 40%↓	PB4 (4" O.C.) Semi-Specular Parabolic Baffle	F01M Matte White Premium Finishes F01G Gloss White	120	T8	SS-I/O (Inboard/Outboard) Lamp Row Switching (Common Neutral Utilized)
O Obround	TP4 40%↑ 60%↓	PB3 (3" O.C.) Semi-Specular Parabolic Baffle	F02 Ivory	277		Dim Dimming
R Rectangular	TP2 20%↑ 80%↓	PBW (4" O.C.) White Parabolic Baffle	F03 Stonewash	347		FS Fused Ballasts
	SP 0%↑ 100%↓		F04 Camel			GTD Generator Transfer Device
			F05 Gray Day			DC Clear Extruded 100% DR Acrylic Dust Cover
			F06 Pebble Beach			AO Translucent White Acrylic Overlay
			F07 Steel			
			F08 Gray Seal			
			F09 Mocha			
			F10 Bronzed			
			F11 Black			
			F12 Ultrasonic Clear			
			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)



TRS03-T8

Indirect/Direct & Direct

Upper Optics - Open

Lower Optics - Semi-Specular Baffle

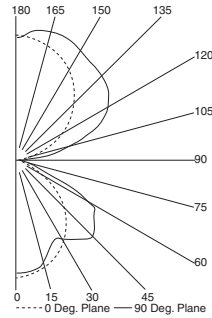
Catalog Number: TRS03-X-4-X-OP/PB4-F01G-120-T8

Report Number: LTL #07104.ies

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

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

Total Luminaire Efficiency = 85.3%
60% Up 40% Down



CANDELA DISTRIBUTION

		LUMENS				
		0.0	22.5	45.0	67.5	90.0
0	1088	1088	1088	1088	1088	1088
5	1082	1085	1084	1077	1079	103
15	1025	1030	1012	987	981	284
25	931	919	857	811	811	401
35	801	757	719	830	888	496
45	637	581	732	914	997	587
55	444	472	693	799	886	588
65	172	248	395	467	495	353
75	18	25	36	37	37	43
85	6	8	7	8	8	6
90	0	0	0	0	0	0
95	37	102	98	87	83	106
105	186	383	497	497	493	451
115	379	546	752	854	879	685
125	574	716	882	1018	1061	768
135	755	891	987	1082	1126	753
145	911	1030	1106	1143	1162	677
155	1034	1132	1192	1226	1234	540
165	1120	1174	1231	1246	1254	342
175	1167	1164	1185	1197	1201	114
180	1163	1163	1163	1163	1163	1163

Upper Optics - TP4 Panel

Lower Optics - Semi-Specular Baffle

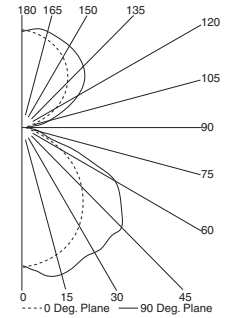
Catalog Number: TRS03-X-4-X-TP4/PB4-F01G-120-T8

Report Number: LTL #07211.ies

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

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

Total Luminaire Efficiency = 71.7%
40% Up 60% Down



CANDELA DISTRIBUTION

		LUMENS				
		0.0	22.5	45.0	67.5	90.0
0	1153	1153	1153	1153	1153	1153
5	1149	1160	1176	1182	1189	113
15	1093	1154	1229	1252	1258	340
25	1003	1109	1164	1183	1197	527
35	867	988	1047	1145	1192	659
45	705	815	953	1078	1157	727
55	511	635	794	901	994	685
65	203	294	432	501	531	391
75	20	28	38	39	39	46
85	2	4	5	5	6	6
90	0	0	0	0	0	0
95	9	18	20	22	22	26
105	99	155	185	188	186	178
115	245	320	397	437	446	368
125	391	453	544	599	618	470
135	521	576	639	699	722	489
145	630	677	713	745	766	444
155	711	757	773	787	793	355
165	764	796	820	821	821	228
175	793	797	809	810	816	77
180	793	793	793	793	793	793

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	89	89	89	89	81	81	81	81	66	66	66	52	52	52	39	39	39	33
1	82	79	76	73	74	72	69	67	59	57	55	47	46	45	36	35	34	29
2	75	69	64	60	68	63	59	56	52	49	47	42	40	38	32	31	30	25
3	69	61	55	51	62	56	51	47	46	43	40	37	35	33	29	27	26	22
4	63	54	48	43	57	50	44	40	41	37	34	33	30	28	26	24	22	19
5	57	48	41	36	52	44	38	34	36	32	29	29	26	24	23	21	19	16
6	53	42	36	31	48	39	33	29	32	28	25	26	23	20	20	18	16	14
7	48	38	31	27	44	35	29	25	29	24	21	23	20	18	18	16	14	12
8	44	34	28	23	40	31	26	21	26	22	18	21	18	15	16	14	12	10
9	41	31	24	20	37	28	22	19	23	19	16	19	16	13	15	12	11	9
10	38	28	22	18	35	26	20	16	21	17	14	17	14	12	13	11	9	8

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	78	78	78	78	73	73	73	73	63	63	63	53	53	53	45	45	45	41
1	72	69	67	64	67	65	62	60	56	54	53	48	47	46	41	40	39	36
2	66	61	57	54	62	57	54	51	50	47	45	43	41	40	37	36	34	31
3	61	54	49	45	56	51	47	43	45	41	39	39	36	34	33	31	30	27
4	56	48	43	39	52	45	40	37	40	36	33	34	32	29	30	28	26	23
5	51	43	37	33	47	40	35	31	35	31	28	31	27	25	26	24	22	20
6	47	38	32	28	43	36	30	27	31	27	24	27	24	22	24	21	19	17
7	43	34	28	24	40	32	27	23	28	24	21	24	21	19	21	18	17	15
8	39	30	25	21	37	29	23	20	25	21	18	22	19	16	19	16	14	13
9	36	27	22	18	34	26	21	17	23	18	15	20	16	14	17	14	12	11
10	34	25	19	16	31	23	18	15	20	16	14	18	15	12	15	13	11	9

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	80		70	80		70	80		70
	70	50		50	30		70	50		50	30	
10.	10.	1	2	2	2	2	2	2	2	2	2	3
10.	15.	2	2	2	2	2	2	3	2	2	3	3
15.	20.	3	3	3	4	3	3	4	3	4	4	5
15.	30.	4	4	5	5	4	5	5	5	5	6	6
20.	20.	4	4	4	4	4	4	5	4	4	5	6
20.	30.	5	5	6	6	5	6	6	5	6	6	7
20.	40.	6	7	7	8	7	7	8	7	7	8	9
20.	60.	9	10	11	11	10	10	11	10	11	12	13
30.	30.	7	7	8	9	7	8	8	8	9	9	10
30.	40.	9	10	10	11	9	10	10	10	10	11	12
30.	50.	11	12	13	13	12	12	13	12	13	14	15
30.	60.	13	14	15	16	14	14	16	14	15	16	17
60.	60.	25	26	29	29	26	27	29	26	27	30	31
60.	80.	34	34	38	38	34	35	38	34	36	39	40
60.	100.	42	42	47	47	42	43	47	43	44	48	50
100.	100.	68	69	76	77	69	70	77	78	69	71	78

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	80		70	80		70	80		70
	70	50		50	30		70	50		50	30	
10.	10.	2	2	2	2	2	2	2	2	2	2	3
10.	15.	2	2	2	2	2	2	3	2	3	3	4
15.	20.	3	3	4	4	3	4	4	4	4	5	5
15.	30.	4	5	5	5	4	5	5	5	5	6	6
20.	20.	4	4	5	5	4	5	5	4	5	5	6
20.	30.	6	6	6	7	6	6	7	6	7	7	8
20.	40.	7	8	8	9	7	8	9	8	8	9	9
20.	60.	11	11	12	12	11	11	12	11	12	13	14
30.	30.	8	8	9	9	8	9	9	8	9	10	10
30.	40.	10	10	11	12	11	11	12	11	12	13	14
30.	50.	13	13	14	15	13	14	15	13	14	15	16
30.	60.	15	16	17	17	15	16	17	16	17	18	19
60.	60.	29	30	32	32	29	30	32	30	31	33	34
60.	80.	38	39	42	43	39	40	43	44	39	40	43
60.	100.	47	48	52	53	48	49	53	54	48	50	54
100.	100.	78	79	85	86	78	80	86	87	79	81	87

