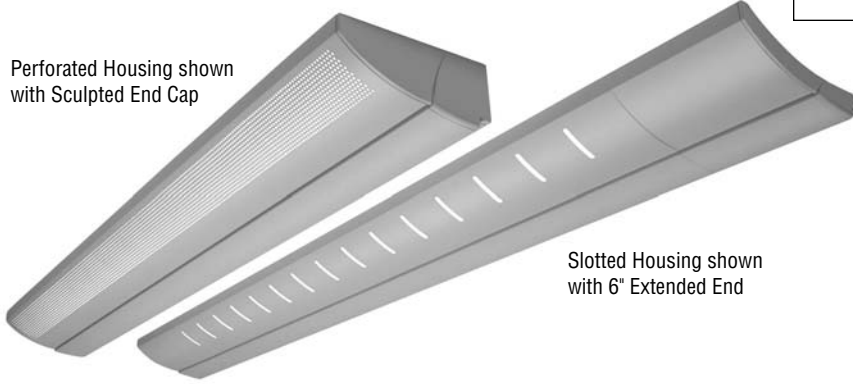


Catalog Number	Type
Project Name	

Luminata Series™

Perforated Housing shown with Sculpted End Cap



Slotted Housing shown with 6" Extended End

LMP01

6 1/2" x 2 7/8" Indirect
(T8, T5 or T5HO Lamps)

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

Housing

- (PH) Perforated Housing - Two-piece .070" thick extruded aluminum with perforated hole pattern along front side. Perforations to be .125" on .185" staggered centers and backed with a translucent white acrylic diffuser.
- (SL) Slotted Housing - Two-piece .070" thick extruded aluminum with slotted hole pattern along front side. Slots to be 1/4" wide by 1 7/8" long on 3" centers and backed with a translucent white acrylic diffuser.
- (SH) Solid Housing - Two-piece .070" thick extruded aluminum.

End Caps

- (SE) Sculpted End - .090" thick die-cast aluminum finished to match fixture housing and secured with no visible fasteners.
- (XE) Extended End - 6" extension of extruded aluminum housing with a .125" low profile die cast aluminum end cap finished to match fixture housing and secured with no visible fasteners.

Finish

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

Reflectors

- (WR) Die-formed from .020" thick aluminum and finished with a high reflectance white enamel.

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.
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

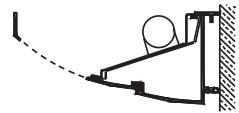
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

Controls

Contact factory for daylight and/or occupancy sensor controls.

Certification

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



T8



T5 or T5HO

Series
LMP01

Standard Lengths:
4', 8' and 12'
For Continuous Rows see Note below

Mounting
W = Wall

LMP01-PH-XE-WR-12-W-FO1M-V-T8-[]

Housing Style	End Caps	Reflector	Standard Finishes	Voltage	Lamp Type	Options
PH Perforated	SE Sculpted End	WR White	F01M Matte White Premium Finishes F01G Gloss White F13 Merlot F02 Ivory F14 Red Skies F03 Stonewash F15 Lemon F04 Camel F16 Forest Hunter F05 Gray Day F17 Olive F06 Pebble Beach F18 Khaki F07 Steel F19 Heather Green F08 Gray Seal F20 Blue Print F09 Mocha F21 Reflex Blue F10 Bronzed F22 Navy F11 Black FCC Custom Color F12 Ultrasonic Clear	120 277 347	T8 T5 T5HO	NLCKT Separate Night Light Circuit EMCKT Separate Emergency Circuit EBPL Emergency Battery Pack (635-700 Lumens) EBPH Emergency Battery Pack (975-1325 Lumens) Dim Dimming
SH Solid	XE 6" Extended End					FS Fused Ballasts GTD Generator Transfer Device DC Clear Extruded 100% DR Acrylic Dust Cover DL Damp Location
SL Slotted						

Note: For continuous rows over 12' specify nominal row length in 1' increments.



LMP01

6 1/2" x 2 7/8" Indirect/Perforated Side Panel

T8 Lamp

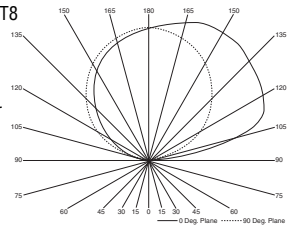
Catalog Number: LMP01-PH-SE-WR-4-X-F01-120-T8

Report Number: LTL#06295.ies

Luminaire Description: Extruded Aluminum Housing with Cast Aluminum End Caps White Enamel Aluminum Reflector Open Top

Lamps: One Philips F32T8/TL841 Rated at 2850 Lumens

Total Luminaire Efficiency = 79.7%
96% Up 4% Down



T5HO Lamp

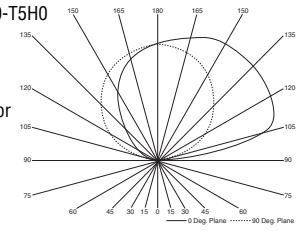
Catalog Number: LMP01-PH-SE-WR-4-X-F01-120-T5HO

Report Number: LTL#06293.ies

Luminaire Description: Extruded Aluminum Housing with Cast Aluminum End Caps White Enamel Aluminum Reflector Open Top

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

Total Luminaire Efficiency = 90.4%
97% Up 3% Down



CANDELA DISTRIBUTION		LUMENS								
	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	
0	22	22	22	22	22	22	22	22	22	
5	23	26	26	25	23	22	21	20	20	2
15	28	29	28	26	21	20	20	19	19	7
25	28	30	29	24	22	21	16	13	12	10
35	31	32	28	22	22	16	13	12	12	13
45	31	30	23	23	14	15	8	5	7	12
55	24	23	22	15	13	7	5	5	4	12
65	24	22	16	14	6	5	4	3	0	10
75	16	15	13	7	5	4	4	0	0	7
85	13	11	7	7	5	0	0	0	0	6
90	8	6	6	5	0	0	0	0	0	0
95	90	107	113	107	30	25	33	34	38	70
105	447	459	401	259	123	90	90	91	89	232
115	609	574	476	355	231	191	173	166	169	316
125	644	611	536	449	333	294	271	259	259	359
135	674	653	600	516	426	395	366	352	352	369
145	703	684	644	564	501	475	458	442	441	340
155	705	688	653	602	564	540	532	519	520	271
165	680	667	649	624	603	591	584	575	576	174
175	645	640	640	634	627	620	618	611	611	60
180	627	627	627	627	627	627	627	627	627	

CANDELA DISTRIBUTION		LUMENS								
	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	
0	44	44	44	44	44	44	44	44	44	
5	46	47	47	46	47	45	41	40	41	4
15	49	49	48	47	42	40	38	32	32	12
25	54	53	48	47	42	35	33	27	26	19
35	53	51	49	42	34	28	24	19	19	22
45	48	49	41	35	27	21	15	13	8	23
55	42	41	36	27	20	13	9	7	7	20
65	34	35	28	20	14	8	5	0	0	17
75	26	27	20	13	8	6	5	0	0	12
85	21	18	14	7	0	0	0	0	0	7
90	13	13	9	7	0	0	0	0	0	0
95	148	176	220	264	54	40	64	64	67	144
105	1016	998	841	530	230	98	94	119	126	449
115	1203	1128	933	671	416	269	169	134	140	545
125	1246	1178	1019	838	591	471	337	268	257	610
135	1273	1214	1094	931	748	662	538	457	446	628
145	1273	1243	1164	1002	878	821	733	666	655	585
155	1269	1234	1159	1058	983	943	901	852	850	473
165	1203	1182	1144	1093	1053	1031	1010	995	998	304
175	1131	1120	1115	1102	1091	1083	1076	1069	1072	104
180	1096	1096	1096	1096	1096	1096	1096	1096	1096	

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	77	77	77	77	66	66	66	66	46	46	46	27	27	27	11	11	11	3
1	70	66	63	61	60	57	55	53	40	38	37	24	23	23	9	9	9	2
2	63	58	53	50	54	50	46	43	35	33	31	21	20	19	8	8	7	2
3	58	51	45	41	49	44	39	36	31	28	26	18	17	16	7	7	6	2
4	53	45	39	34	45	39	34	30	27	24	22	16	15	13	6	6	5	1
5	48	40	34	29	41	34	29	26	24	21	18	14	13	11	6	5	5	1
6	44	35	29	25	38	30	25	22	21	18	16	13	11	10	5	4	4	1
7	41	32	26	22	35	27	22	19	19	16	14	12	10	8	5	4	3	1
8	37	28	23	19	32	25	20	16	17	14	12	11	9	7	4	3	3	1
9	35	26	20	16	30	22	18	14	16	13	10	10	8	6	4	3	3	1
10	32	23	18	15	28	20	16	13	14	11	9	9	7	6	3	3	2	1

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	87	87	87	87	75	75	75	75	52	52	52	31	31	31	12	12	12	3
1	79	75	72	69	68	65	62	60	45	44	42	27	26	26	11	10	10	3
2	72	66	61	56	61	57	52	49	40	37	35	24	22	21	9	9	8	2
3	65	58	51	47	56	50	45	41	35	32	29	21	19	18	8	8	7	2
4	60	51	44	39	51	44	38	34	31	27	25	19	17	15	7	7	6	2
5	55	45	38	33	47	39	33	29	27	24	21	16	15	13	6	6	5	1
6	50	40	33	28	43	35	29	25	24	21	18	15	13	11	6	5	4	1
7	46	36	29	25	39	31	25	22	22	18	16	13	11	10	5	4	4	1
8	42	32	26	21	36	28	22	19	20	16	14	12	10	8	5	4	3	1
9	39	29	23	19	34	25	20	16	18	14	12	11	9	7	4	4	3	1
10	37	27	20	16	31	23	18	14	16	13	10	10	8	7	4	3	3	1

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		
	70	50	50	30	70	50	50	30	70	50	50	30	70	50	50	30	70	50	30
10. 10.	4	4	5	6	4	5	6	7	4	5	6	7	5	7	8	9			
10. 15.	5	6	7	8	6	7	7	8	6	7	8	10	7	9	10	12			
15. 20.	9	10	12	12	10	11	12	14	10	12	13	15	11	13	15	18			
15. 30.	13	14	16	18	14	15	17	19	14	16	19	21	16	18	21	24			
20. 20.	12	13	15	16	12	13	16	17	13	14	17	18	14	16	19	21			
20. 30.	17	18	21	22	17	19	22	24	18	20	23	25	19	22	26	29			
20. 40.	22	23	27	28	22	24	28	30	23	26	30	32	25	28	33	36			
20. 60.	32	34	39	41	33	35	41	43	34	37	43	46	36	40	47	51			
30. 30.	24	25	29	31	25	27	31	33	25	28	32	35	27	30	35	38			
30. 40.	31	33	38	40	32	34	40	42	33	36	41	44	35	38	45	48			
30. 50.	39	41	47	49	40	42	49	51	41	44	50	54	43	47	54	59			
30. 60.	46	48	56	58	47	50	58	61	48	51	60	63	50	55	64	69			
60. 60.	88	91	106	109	90	93	108	112	91	96	111	116	94	100	116	122			
60. 80.	117	120	139	142	118	122	142	146	120	125	145	151	123	130	151	159			
60. 100.	145	149	173	176	147	152	176	181	149	155	180	185	153	161	187	195			
100. 100.	238	243	282	286	241	246	286	292	243	250	290	297	248	257	299	309			

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		
	70	50	50	30	70	50	50	30	70	50	50	30	70	50	50	30	70	50	30
10. 10.	2	3	3	3	3	3	3	4	3	3	4	4	3	4	5	6			
10. 15.	3	4	4	5	3	4	4	5	4	4	5	6	4	5	6	7			
15. 20.	5	6	7	7	6	6	7	8	6	7	8	9	7	8	9	10			
15. 30.	8	8	10	10	8	9	10	11	8	9	11	12							