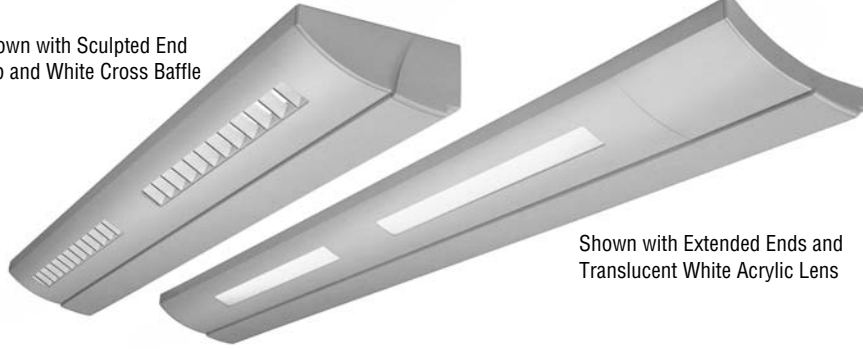


Luminata III Series™

Catalog Number	Type
Project Name	

Shown with Sculpted End Cap and White Cross Baffle



Shown with Extended Ends and Translucent White Acrylic Lens

LM3P01

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

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

Housing

Two-piece .070" thick extruded aluminum with two 1 1/4" x 18" illuminated downlight apertures on 24" centers on the front side. Standard lengths are 4', 8' and 12'. Provisions may be made for continuous rows of any length.

End Caps

- (SE) Sculpted End - .125" 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 end cap 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.

Direct Optical Controls

- (PB) 3/4" deep semi-specular aluminum parabolic baffle with blades on 1 1/2" centers. Translucent white acrylic overlay above baffle.
- (BW) 3/4" deep white aluminum cross baffle with blades on 1 1/2" centers. Translucent white acrylic overlay above baffle.
- (BWPF) 3/4" deep perforated white aluminum cross baffle with blades on 1 1/2" centers. Translucent white acrylic overlay above baffle.

- (TWA) Translucent white acrylic lens.

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.

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

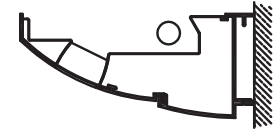
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

Controls

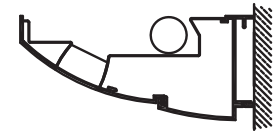
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

Certification

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



LM3P01-T5 (Or T5HO)



LM3P01-T8

Series LM3P01

Standard Lengths: 4', 8' and 12'

Mounting W = Wall

LM3P01-XE-12-W-BW-F01M-V-T8-[]

End Caps

- SE Sculpted End
- XE Extended End

Direct Optical Controls

- PB Semi-Specular Parabolic Baffle
- BW White Cross Baffle
- BWPF Perforated White Cross Baffle
- TWA Translucent White Acrylic Lens

Standard Finishes

- F01M Matte White
- F01G Gloss White
- Premium Finishes**
- F02 Ivory
- F03 Stonewash
- F04 Carmel
- F05 Gray Day
- F06 Pebble Beach
- 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

Voltage

- 120
- 277
- 347

Lamp Type

- T8
- T5
- T5HO

Options

- 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
- FS Fused Ballasts
- GTD Generator Transfer Device

To view Wood Grain, Marble and Granite Finishes on our Website see "Products"-"Specialty Finishes".



Precision Architectural Lighting 4830 Timber Creek Drive Houston, Texas 77017
Tel 713.946.4343 Fax 713.946.4441 www.pal-lighting.com

LM3P01

Indirect/Direct - T5HO Lamp

Semi-Specular Aluminum Parabolic Baffle

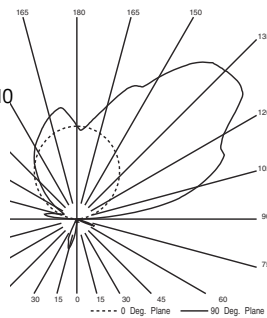
Catalog Number: LM3P01-SE-4-X-PB-F01M-120-T5HO

Report Number: LTL#15056.ies

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

Lamps: One Sylvania FP54/841/HO/ECO Rated at 4400 Lumens Each

Total Luminaire Efficiency = 80.8%
97% Up 3% Down



CANDELA DISTRIBUTION										FLUX
0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0		
0	23	23	23	23	23	23	23	23		
5	14	13	13	16	22	32	43	57	66	3.7
15	4	3	5	10	23	82	159	206	224	20.8
25	1	0	1	5	25	127	164	147	126	28.8
35	0	0	0	2	28	121	53	18	15	18.2
45	0	0	0	1	26	49	6	4	5	8.7
55	0	0	0	0	15	3	0	0	1	2.4
65	70	40	18	2	0	0	0	0	0	12.9
75	14	27	36	0	0	0	0	0	0	11.1
85	25	11	0	0	0	0	0	0	0	2.1
90	6	2	0	0	0	0	0	0	0	0
95	296	289	289	233	19	42	132	183	192	178.9
105	930	894	756	513	113	88	68	122	155	406.8
115	1197	1108	988	697	226	162	132	125	125	522.5
125	1466	1451	1220	664	340	373	302	262	250	607.2
135	1564	1473	1148	701	447	508	460	409	396	590.9
145	1394	1276	965	701	537	638	591	567	557	491.7
155	1092	1057	900	689	611	750	710	681	676	362.7
165	872	838	759	669	663	774	806	793	790	217.9
175	685	678	662	663	688	727	758	780	791	69.3
180	695	695	695	695	695	695	695	695	695	695

*Use a 0.59 multiplier for T5

LM3P01

Indirect/Direct - T5HO Lamp

White Aluminum Cross Baffle

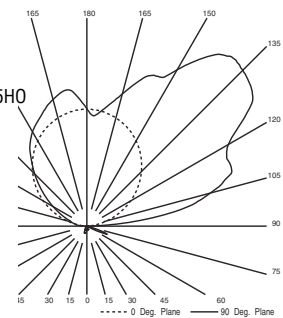
Catalog Number: LM3P01-SE-4-X-BW-F01M-120-T5HO

Report Number: LTL#15059.ies

Luminaire Description: Extruded Aluminum Housing with Specular Aluminum Reflector and White Aluminum Cross Baffle and Open Top

Lamps: One Sylvania FP54/841/HO/ECO Rated at 4400 Lumens Each

Total Luminaire Efficiency = 84.4%
98% Up 2% Down



CANDELA DISTRIBUTION										FLUX
0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0		
0	28	28	28	28	28	28	28	28		
5	23	22	22	24	27	33	36	37	40	2.8
15	14	14	16	20	26	41	46	48	50	8.5
25	6	7	11	17	24	40	41	42	38	11.7
35	3	3	7	14	22	34	26	21	21	11.0
45	5	5	6	12	19	23	14	10	10	9.2
55	7	7	7	10	15	10	4	0	1	6.5
65	88	40	8	9	7	2	0	0	0	14.7
75	23	34	35	5	1	0	0	0	0	12.5
85	7	5	2	0	0	0	0	0	0	1.5
90	5	3	0	0	0	0	0	0	0	0
95	279	276	278	223	25	38	51	56	58	148.5
105	882	852	716	508	144	139	113	106	110	401.4
115	1073	1001	917	718	280	300	240	213	205	536.5
125	1338	1346	1194	699	413	465	400	358	346	635.6
135	1522	1454	1168	762	531	607	577	526	511	639.5
145	1419	1304	1019	769	635	741	707	691	685	543.2
155	1140	1109	967	764	718	855	825	802	802	404.2
165	943	910	834	755	772	894	916	906	904	245.2
175	772	765	756	772	803	844	875	899	911	79.4
180	807	807	807	807	807	807	807	807	807	807

*Use a 0.59 multiplier for T5

LM3P01

Indirect/Direct - T8 Lamp

Semi-Specular Aluminum Parabolic Baffle

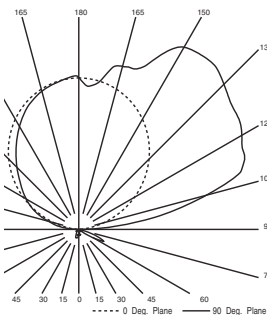
Catalog Number: LM3P01-SE-4-X-PB-F01M-120-T8

Report Number: LTL#15060.ies

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

Lamps: One Sylvania F032/741/ECO Rated at 2850 Lumens Each

Total Luminaire Efficiency = 74%
97% Up 3% Down



CANDELA DISTRIBUTION										FLUX
0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0		
0	21	21	21	21	21	21	21	21		
5	16	15	16	18	20	23	25	25	26	1.9
15	10	9	11	14	19	26	27	29	31	5.5
25	5	5	8	11	18	24	26	25	24	7.5
35	2	3	5	10	16	21	17	14	13	7.3
45	3	4	4	8	14	14	9	6	6	6.1
55	21	7	5	6	10	7	3	1	1	6.5
65	95	66	15	6	5	2	0	0	0	15.7
75	17	19	18	3	1	0	0	0	0	7.4
85	5	4	2	0	0	0	0	0	0	1.2
90	6	5	2	0	0	0	0	0	0	0
95	134	131	124	103	15	30	39	40	41	79.0
105	458	453	408	249	90	91	106	110	109	233.3
115	631	587	485	349	179	167	169	179	183	312.0
125	675	639	555	421	265	254	237	237	240	342.7
135	712	691	613	422	344	337	316	306	304	341.9
145	739	713	613	477	412	407	393	379	376	309.0
155	666	622	555	495	466	462	455	449	446	235.1
165	585	580	545	486	503	504	498	496	496	146.5
175	501	498	496	506	523	529	525	524	524	49.1
180	526	526	526	526	526	526	526	526	526	526

LM3P01

Indirect/Direct - T8 Lamp

White Aluminum Cross Baffle

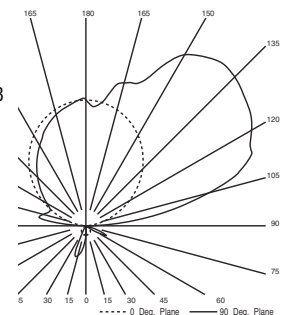
Catalog Number: LM3P01-SE-4-X-BW-F01M-120-T8

Report Number: LTL#15054.ies

Luminaire Description: Extruded Aluminum Housing with Specular Aluminum Reflector and White Aluminum Cross Baffle and Open Top

Lamps: One Sylvania F032/741/ECO Rated at 2850 Lumens Each

Total Luminaire Efficiency = 71.2%
96% Up 4% Down



CANDELA DISTRIBUTION										FLUX
0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0		
0	35	35	35	35	35	35	35	35		
5	13	13	15	22	34	48	58	64	67	3.7
15	4	4	5	10	33	68	94	108	114	13.4
25	1	1	1	6	31	78	97	78	54	17.7
35	0	0	0	3	28	66	23	8	7	10.6
45	0	0	0	1	23	28	3	2	2	5.6
55	12	3	1	0	11	1	0	0	0	3.7
65	83	66	24	2	0	0	0	0	0	14.4
75	3	9	15	0	0	0	0	0	0	5.1
85	7	5	0	0	0	0	0	0	0	1.2
90	10	6	0	0	0	0	0	0	0	0
95	139	136	127	105	11	39	76	84	84	92.5
105	469	463	418	254	71	65	94	144	162	238.1
115	670	624	515	347	146	129	130	139	146	302.3
125	737	697	593	401	223	200	191	192	194	330.7
135	775	741	623	386	295	275	257	252	252	323.2
145	760	722	590	434	357	342	321	314	312	283.1
155	639	590	518	444	407	395	384	376	374	210.0
165	545	538	495	430	442	437	428	425	425	129.8
175	444	441	437	446	461	465	460	458	458	43.2
180	464	464	464	464	464	464	464	464	464	464

Note 1: All tests were conducted in 25° C ambient.
Note 2: See Website for additional Photometric Reports.

