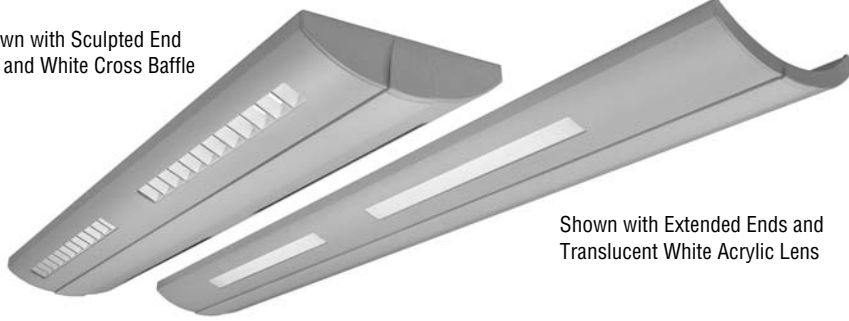


Luminata III Series™

Catalog Number	Type
Project Name	

Shown with Sculpted End Cap and White Cross Baffle



Shown with Extended Ends and Translucent White Acrylic Lens

LM3S03

10" x 2 11/16" 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 each 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. Standard finish for stems and canopies is white.

Direct Optical Controls

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

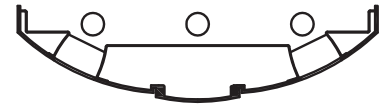
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

Controls

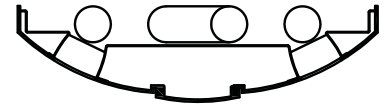
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

Certification

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



LM3S03-T5 (Or T5HO)



LM3S03-T8

Series LM3S03	Standard Lengths: 4', 8' and 12'	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)
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LM3S03-XE-12-CT-BW-F01M-V-T8-[]

End Caps	Direct Optical Controls	Standard Finishes	Voltage	Lamp Type	Options
SE Sculpted End	PB Semi-Specular Parabolic Baffle	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	120 277 347	T8 T5 T5HO	SS-I/O (Inboard/Outboard) Lamp Row Switching (Common Neutral Utilized) NLCKT Separate Night Light Circuit EMCKT Separate Emergency Circuit EBPL Emergency Battery Pack (635-700 Lumens) EBPH Emergency Battery Pack (975-1325 Lumens)
XE Extended End	BW White Cross Baffle BWPF Perforated White Cross Baffle TWA Translucent White Acrylic Lens	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			Dim Dimming FS Fused Ballasts GTD Generator Transfer Device AO Translucent White Acrylic Overlay above Baffle

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

LM3S03

Indirect/Direct - T5HO Lamp

Semi-Specular Aluminum Parabolic Baffle

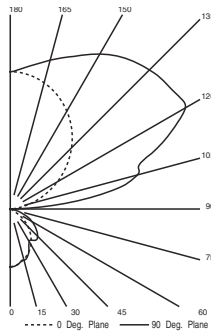
Catalog Number: LM3S03-SE-4-X-PB-F01M-120-T5HO

Report Number: LTL#14715.ies

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

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

Total Luminaire Efficiency = 88.8%
85% Up 15% Down



CANDELA DISTRIBUTION											FLUX										
	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0		0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0		
0	801	801	801	801	801	801	801	801	801	0	801	801	801	801	801	801	801	801	801	801	
5	792	790	789	792	795	792	789	790	792	15	725	723	713	722	736	722	713	723	725	203.8	
15	725	723	713	722	736	722	713	723	725	25	631	624	634	622	611	622	634	624	631	285.9	
25	631	624	634	622	611	622	634	624	631	35	505	514	465	487	530	487	465	514	505	313.0	
35	505	514	465	487	530	487	465	514	505	45	353	360	402	506	538	506	402	360	353	328.6	
45	353	360	402	506	538	506	402	360	353	55	162	219	348	391	419	391	348	219	162	278.4	
55	162	219	348	391	419	391	348	219	162	65	15	141	201	246	275	246	201	141	15	178.5	
65	15	141	201	246	275	246	201	141	15	75	0	6	64	95	98	95	64	6	0	57.6	
75	0	6	64	95	98	95	64	6	0	85	0	0	1	26	44	26	1	0	0	11.3	
85	0	0	1	26	44	26	1	0	0	90	0	0	0	6	13	6	0	0	0	0	
90	0	0	0	6	13	6	0	0	0	95	44	455	597	624	628	624	597	455	44	529.3	
95	44	455	597	624	628	624	597	455	44	105	291	959	1358	1695	1830	1695	1358	959	291	1333.7	
105	291	959	1358	1695	1830	1695	1358	959	291	115	597	1205	1983	2366	2430	2366	1983	1205	597	1740.3	
115	597	1205	1983	2366	2430	2366	1983	1205	597	125	910	1396	2101	2607	2808	2607	2101	1396	910	1785.4	
125	910	1396	2101	2607	2808	2607	2101	1396	910	135	1205	1557	2143	2578	2736	2578	2143	1557	1205	1594.9	
135	1205	1557	2143	2578	2736	2578	2143	1557	1205	145	1462	1711	2109	2463	2596	2463	2109	1711	1462	1303.8	
145	1462	1711	2109	2463	2596	2463	2109	1711	1462	155	1669	1821	2064	2270	2360	2270	2064	1821	1669	946.1	
155	1669	1821	2064	2270	2360	2270	2064	1821	1669	165	1818	1890	2001	2104	2144	2104	2001	1890	1818	565.8	
165	1818	1890	2001	2104	2144	2104	2001	1890	1818	175	1899	1904	1927	1952	1963	1952	1927	1904	1899	185.2	
175	1899	1904	1927	1952	1963	1952	1927	1904	1899	180	1903	1903	1903	1903	1903	1903	1903	1903	1903	1903	

*Use a 0.59 multiplier for T5

LM3S03

Indirect/Direct - T5HO Lamp

White Aluminum Cross Baffle

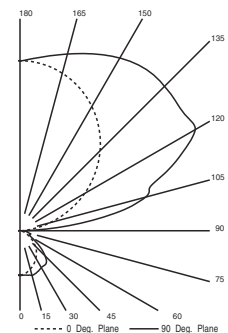
Catalog Number: LM3S03-SE-4-X-BW-F01M-120-T5HO

Report Number: LTL#14714.ies

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

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

Total Luminaire Efficiency = 93.5%
87% Up 13% Down



CANDELA DISTRIBUTION											FLUX										
	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0		0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0		
0	605	605	605	605	605	605	605	605	605	0	605	605	605	605	605	605	605	605	605	605	
5	596	597	600	605	609	605	600	597	596	15	544	556	584	616	631	616	584	556	544	165.2	
15	544	556	584	616	631	616	584	556	544	25	474	502	547	583	603	583	547	502	474	249.8	
25	474	502	547	583	603	583	547	502	474	35	391	435	470	532	578	532	470	435	391	300.9	
35	391	435	470	532	578	532	470	435	391	45	295	337	402	466	483	466	402	337	295	305.4	
45	295	337	402	466	483	466	402	337	295	55	184	228	293	274	271	274	293	228	184	229.1	
55	184	228	293	274	271	274	293	228	184	65	103	133	142	132	141	132	142	133	103	134.9	
65	103	133	142	132	141	132	142	133	103	75	45	48	82	124	138	124	82	48	45	88.3	
75	45	48	82	124	138	124	82	48	45	85	0	15	43	66	76	66	43	15	0	45.6	
85	0	15	43	66	76	66	43	15	0	90	0	1	24	45	55	45	24	1	0	0	
90	0	1	24	45	55	45	24	1	0	95	72	456	525	526	526	526	525	456	72	492.1	
95	72	456	525	526	526	526	525	456	72	105	422	1036	1398	1674	1779	1674	1398	1036	422	1362.7	
105	422	1036	1398	1674	1779	1674	1398	1036	422	115	824	1338	2013	2367	2412	2367	2013	1338	824	1806.9	
115	824	1338	2013	2367	2412	2367	2013	1338	824	125	1207	1613	2185	2591	2763	2591	2185	1613	1207	1879.1	
125	1207	1613	2185	2591	2763	2591	2185	1613	1207	135	1548	1848	2325	2675	2795	2675	2325	1848	1548	1743.0	
135	1548	1848	2325	2675	2795	2675	2325	1848	1548	145	1841	2053	2391	2675	2785	2675	2391	2053	1841	1478.3	
145	1841	2053	2391	2675	2785	2675	2391	2053	1841	155	2073	2205	2407	2583	2657	2583	2407	2205	2073	1105.4	
155	2073	2205	2407	2583	2657	2583	2407	2205	2073	165	2233	2296	2388	2471	2505	2471	2388	2296	2233	674.8	
165	2233	2296	2388	2471	2505	2471	2388	2296	2233	175	2316	2321	2339	2360	2370	2360	2339	2321	2316	224.2	
175	2316	2321	2339	2360	2370	2360	2339	2321	2316	180	2322	2322	2322	2322	2322	2322	2322	2322	2322	2322	

*Use a 0.59 multiplier for T5

LM3S03

Indirect/Direct - T8 Lamp

Semi-Specular Aluminum Parabolic Baffle

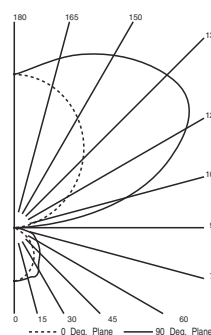
Catalog Number: LM3S03-SE-4-X-PB-F01M-120-T8

Report Number: LTL#14708.ies

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

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

Total Luminaire Efficiency = 78.7%
85% Up 15% Down



CANDELA DISTRIBUTION											FLUX										
	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0		0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0		
0	400	400	400	400	400	400	400	400	400	0	400	400	400	400	400	400	400	400	400	400	
5	396	394	396	399	401	399	396	394	396	15	363	366	375	388	394	388	375	366	363	106.3	
15	363	366	375	388	394	388	375	366	363	25	318	324	346	385	397	385	346	324	318	162.1	
25	318	324	346	385	397	385	346	324	318	35	259	273	312	315	320	315	312	273	259	186.4	
35	259	273	312	315	320	315	312	273	259	45	189	218	236	256	272	256	236	218	189	181.1	
45	189	218	236	256	272	256	236	218	189	55	105	139	176	204	222	204	176	139	105	152.7	
55	105	139	176	204	222	204	176	139	105	65	9	82	119	151	172	151	119	82	9	109.7	
65	9	82	119	151	172	151	119	82	9	75	0	5	58	91	105	91	58	5	0	54.5	
75	0	5	58	91	105	91	58	5	0	85	0	0	1	21	33	21	1	0	0	10.3	
85	0	0	1	21	33	21	1	0	0	90	0	0	0	6	10	6	0	0	0	0	
90	0	0	0	6	10	6	0	0	0	95	33	194	218	223	224	223	218	194	33	216.8	
95	33	194	218	223	224	223	218	194	33	105	181	553	763	851	872	851	763	553	181	700.8	
105	181	553	763	851	872	851	763	553	181	115	367	712	1115	1279	1327	1279	1115	712	367	973.7	
115	367	712	1115	1279	1327	1279	1115	712	367	125	557	847	1246	1523	1608	1523	1246	847	557	1047.7	
125	557	847	1246	1523	1608	1523	1246	847	557	135	734	965	1283	1535	1628	1535	1283	965	734	959.5	
135	734	965	1283	1535																	