

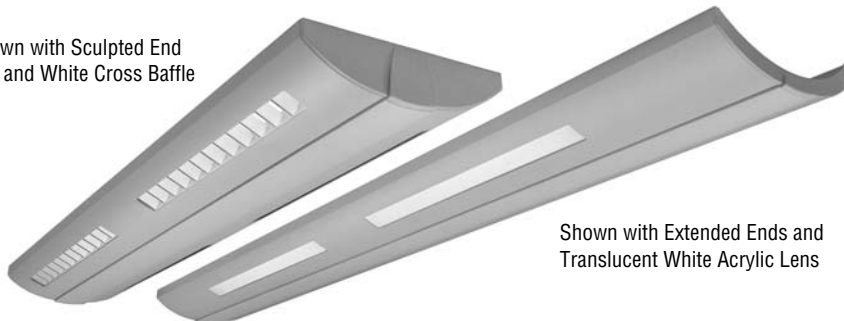
Luminata III Series™

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

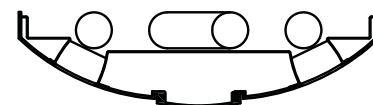
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

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)

LM3S03-XE-12-CT-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
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

Voltage
120
277
347
Lamp Type
T8
T5
T5HO

Options
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)
Dim
Dimming
FS
Fused Ballasts
GTD
Generator Transfer Device
AO
Translucent White Acrylic
Overlay above Baffle



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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

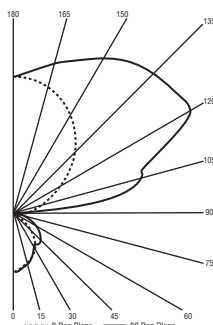
Luminaire Description: Extruded Aluminum Housing with Specular Aluminum Reflector and Semi-Specular Parabolic Baffle and Open Top

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	801	801	801	801	801	801	801	801	801	801	
5	792	790	789	792	795	792	789	790	792	74.6	
15	725	723	713	722	736	722	713	723	725	203.8	
25	631	624	634	622	611	622	634	624	631	285.9	
35	505	514	465	487	530	487	465	514	505	313.0	
45	353	360	402	506	538	506	402	360	353	328.6	
55	162	219	348	391	419	391	348	219	162	278.4	
65	15	141	201	246	275	246	201	141	15	178.5	
75	0	6	64	95	98	95	64	6	0	57.6	
85	0	0	1	26	44	26	1	0	0	11.3	
90	0	0	0	6	13	6	0	0	0	0	
95	44	455	597	624	628	624	597	455	44	529.3	
105	291	959	1358	1695	1830	1695	1358	959	291	1333.7	
115	597	1205	1983	2366	2430	2366	1983	1205	597	1740.3	
125	910	1396	2101	2607	2808	2607	2101	1396	910	1785.4	
135	1205	1557	2143	2578	2736	2578	2143	1557	1205	1594.9	
145	1462	1711	2109	2463	2596	2463	2109	1711	1462	1303.8	
155	1669	1821	2064	2270	2360	2270	2064	1821	1669	946.1	
165	1818	1890	2001	2104	2144	2104	2001	1890	1818	565.8	
175	1899	1904	1927	1952	1963	1952	1927	1904	1899	185.2	
180	1903	1903	1903	1903	1903	1903	1903	1903	1903	0	

*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

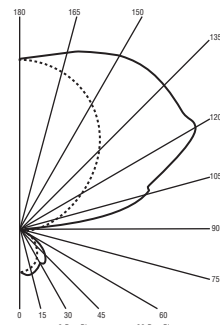
Luminaire Description: Extruded Aluminum Housing with Specular Aluminum Reflector and White Aluminum Cross Baffle and Open Top

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	605	605	605	605	605	605	605	605	605	605	
5	596	597	600	605	609	605	600	597	596	57.1	
15	544	556	584	616	631	616	584	556	544	165.2	
25	474	502	547	583	603	583	547	502	474	249.8	
35	391	435	470	532	578	532	470	435	391	300.9	
45	295	337	402	466	483	466	402	337	295	305.4	
55	184	228	293	274	271	274	293	228	184	229.1	
65	103	133	142	132	141	132	142	133	103	134.9	
75	45	48	82	124	138	124	82	48	45	88.3	
85	0	15	43	66	76	66	43	15	0	45.6	
90	0	1	24	45	55	45	24	1	0	0	
95	72	456	525	526	522	526	525	456	72	492.1	
105	422	1036	1398	1674	1779	1674	1398	1036	422	1362.7	
115	824	1338	2013	2367	2412	2367	2013	1338	824	1806.9	
125	1207	1613	2185	2591	2763	2591	2185	1613	1207	1879.1	
135	1548	1848	2325	2675	2795	2675	2325	1848	1548	1743.0	
145	1841	2053	2391	2675	2785	2675	2391	2053	1841	1478.3	
155	2073	2205	2407	2583	2657	2583	2407	2205	2073	1105.4	
165	2233	2296	2388	2471	2505	2471	2388	2296	2233	674.8	
175	2316	2321	2339	2360	2370	2360	2339	2321	2316	224.2	
180	2322	2322	2322	2322	2322	2322	2322	2322	2322	0	

*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

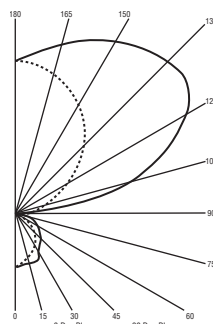
Report Number: LTL#14708.ies

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	400	400	400	400	400	400	400	400	400	400	
5	396	394	396	399	401	399	396	394	396	37.6	
15	363	366	375	388	394	388	375	366	363	106.3	
25	318	324	346	385	397	385	346	324	318	162.1	
35	259	273	312	315	320	315	312	273	259	186.4	
45	189	218	236	256	272	256	236	218	189	181.1	
55	105	139	176	204	222	204	176	139	105	152.7	
65	9	82	119	151	172	151	119	82	9	109.7	
75	0	5	58	91	105	91	58	5	0	54.5	
85	0	0	1	21	33	21	1	0	0	10.3	
90	0	0	0	6	10	6	0	0	0	0	
95	33	194	218	223	224	223	218	194	33	216.8	
105	181	553	763	851	872	851	763	553	181	700.8	
115	367	712	1115	1279	1327	1279	1115	712	367	973.7	
125	557	847	1246	1523	1608	1523	1246	847	557	1047.7	
135	734	965	1283	1535	1628	1535	1283	965	734	959.5	
145	888	1060	1292	1478	1550	1478	1292	1060	888	792.4	
155	1013	1122	1277	1397	1444	1397	1277	1122	1013	581.3	
165	1101	1153	1232	1296	1321	1296	1232	1153	1101	347.1	
175	1149	1157	1171	1186	1193	1186	1171	1157	1149	112.6	
180	1155	1155	1155	1155	1155	1155	1155	1155	1155	0	



LM3S03

Indirect/Direct - T8 Lamp

White Aluminum Cross Baffle

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

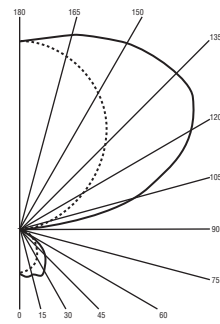
Report Number: LTL#14711.ies

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

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

Total Luminaire Efficiency = 83.8%
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	346	346	346	346	346	346	346	346	346	346	
5	341	341	343	346	348	346	343	341	341	32.6	
15	310	316	330	349	357	349	330	316	310	94.2	
25	270	283	323	372	389	372	323	283	270	150.4	
35	223	245	302	334	349	334	302	245	223	182.1	
45	169	207	241	251	263	251	241	207	169	176.0	
55	110	146	161	163	171	163	161	146	110	136.5	
65	59	79	90	96	106	96	90	79	59	87.8	
75	27	28	51	70	79	70	51	28	27	53.1	
85	0	9	25	36	42	36	25	9	0	27.0	
90	0	7	28	45	52	45	28	7	0	0	
95	46	205	241	263	270	263	241	205	46	245.1	
105	246	596	785	856	874	856	785	596	246	729.0	
115	485	778	1141	1293	1337	1293	1141	778	485	1016.7	
125	718	950	1300	1541	1612	1541	1300	950	718	1105.6	
135	929	1107	1369	1588	1670	1588	1369	1107	929	1036.4	
145	1110	1237	1426	1578	1637	1578	1426	1237	1110	880.3	
155	1256	1332	1451	1547	1585	1547	1451	1332	1256	664.8	
165	1357	1390	1446	1494	1514	1494	1446	1390	1357	408.5	
175	1410	1412	1421	1432	1437	1432	1421	1412	1410	136.1	
180	1414	1414	1414	1414	1414	1414	1414	1414	1414	0	



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

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