

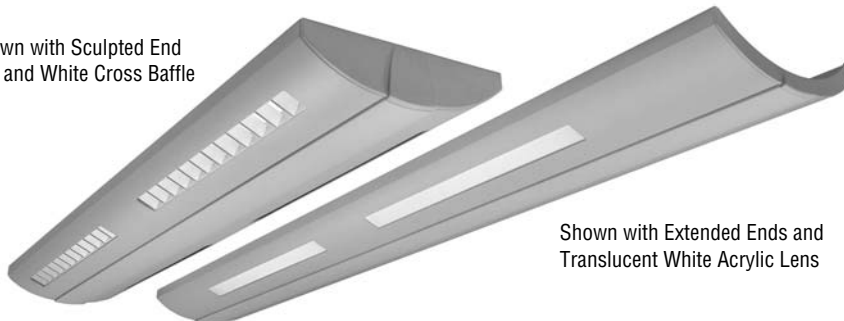
Luminata III Series™

Catalog Number

Type

Project Name

Shown with Sculpted End
Cap and White Cross Baffle



Shown with Extended Ends and
Translucent White Acrylic Lens

LM3S04

10" x 2 11/16" Indirect/Direct
(T8 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 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.



LM3S04-T8

Series
LM3S04

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)

LM3S04-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
F02 Ivory
F03 Stonewash
F04 Camel
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

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



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

LM3S04

Indirect/Direct - T8 Lamp

Semi-Specular Aluminum Parabolic Baffle

Catalog Number: LM3S04-SE-4-X-PB-F01M-120-T8

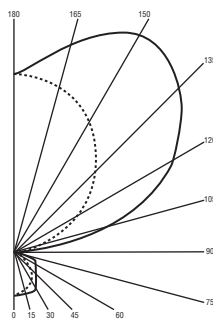
Report Number: LTL#14707.ies

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

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

Total Luminaire Efficiency = 77.8%
88% Up 12% Down

CANDELA DISTRIBUTION										FLUX
	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	
0	416	416	416	416	416	416	416	416	416	
5	412	410	411	414	417	414	411	410	412	39.1
15	378	383	392	406	414	406	392	383	378	111.3
25	332	341	365	404	421	404	365	341	332	170.8
35	272	291	333	333	338	333	333	291	272	197.3
45	199	233	249	267	282	267	249	233	199	190.7
55	112	149	184	209	227	209	184	149	112	160.1
65	10	88	129	186	215	186	129	88	10	125.7
75	0	7	62	83	96	83	62	7	0	54.8
85	0	0	1	14	23	14	1	0	0	8.5
90	0	0	2	10	16	10	2	0	0	
95	46	195	217	224	229	224	217	195	46	225.4
105	269	663	847	893	904	893	847	663	269	786.4
115	544	1059	1306	1482	1524	1482	1306	1059	544	1203.2
125	820	1353	1686	1835	1890	1835	1686	1353	820	1391.7
135	1076	1517	1960	2148	2198	2148	1960	1517	1076	1399.6
145	1300	1635	2047	2286	2365	2286	2047	1635	1300	1220.8
155	1480	1702	1982	2196	2277	2196	1982	1702	1480	897.5
165	1607	1715	1867	1981	2026	1981	1867	1715	1607	524.3
175	1675	1691	1720	1749	1763	1749	1720	1691	1675	166.2
180	1680	1680	1680	1680	1680	1680	1680	1680	1680	



LM3S04

Indirect/Direct - T8 Lamp

White Aluminum Cross Baffle

Catalog Number: LM3S04-SE-4-X-BW-F01M-120-T8

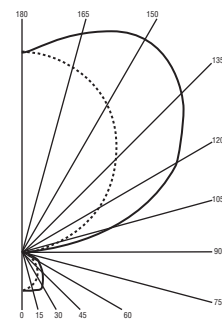
Report Number: LTL#14712.ies

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

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

Total Luminaire Efficiency = 82.2%
89% Up 11% Down

CANDELA DISTRIBUTION										FLUX
	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	
0	377	377	377	377	377	377	377	377	377	
5	372	371	372	376	379	376	372	371	372	35.5
15	338	345	359	379	390	379	359	345	338	102.5
25	293	309	345	389	408	389	345	309	293	160.3
35	242	267	318	348	364	348	318	267	242	192.6
45	183	220	253	266	278	266	253	220	183	186.3
55	117	154	172	174	185	174	172	154	117	147.3
65	62	86	101	147	172	147	101	86	62	111.5
75	28	32	64	80	88	80	64	32	28	63.5
85	0	10	27	40	47	40	27	10	0	28.5
90	0	2	21	37	44	37	21	2	0	
95	61	196	228	245	252	245	228	196	61	238.7
105	349	705	841	864	872	864	841	705	349	796.9
115	690	1115	1349	1500	1531	1500	1349	1115	690	1249.2
125	1020	1463	1734	1876	1928	1876	1734	1463	1020	1462.8
135	1319	1685	2023	2187	2237	2187	2023	1685	1319	1480.2
145	1577	1852	2195	2374	2425	2374	2195	1852	1577	1317.7
155	1784	1963	2194	2371	2441	2371	2194	1963	1784	998.5
165	1928	2014	2134	2229	2266	2229	2134	2014	1928	601.1
175	2004	2017	2039	2061	2072	2061	2039	2017	2004	196.0
180	2009	2009	2009	2009	2009	2009	2009	2009	2009	



LM3S04

Indirect/Direct - T8 Lamp

Translucent White Acrylic Lens

Catalog Number: LM3S04-SE-4-X-TWA-F01M-120-T8

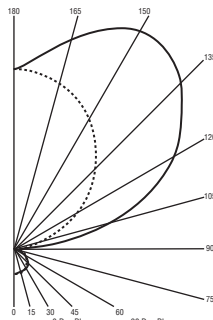
Report Number: LTL#14717.ies

Luminaire Description: Extruded Aluminum Housing with Specular Aluminum Reflector and Translucent White Acrylic Lens and Open Top

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

Total Luminaire Efficiency = 75.9%
92% Up 8% Down

CANDELA DISTRIBUTION										FLUX
	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	
0	233	233	233	233	233	233	233	233	233	
5	232	230	229	231	234	231	229	230	232	22.0
15	221	223	223	224	227	224	223	223	221	63.1
25	204	206	206	210	212	210	206	206	204	95.6
35	181	181	184	188	191	188	184	181	181	115.5
45	150	150	155	160	163	160	155	150	150	119.7
55	113	115	120	125	129	125	120	115	113	107.7
65	75	78	84	96	102	96	84	78	75	85.9
75	36	40	58	74	81	74	58	40	36	61.2
85	1	16	35	51	58	51	35	16	1	36.6
90	0	5	27	43	50	43	27	5	0	
95	47	201	235	249	254	249	235	201	47	243.4
105	280	677	853	904	918	904	853	677	280	798.5
115	561	1077	1329	1492	1533	1492	1329	1077	561	1218.7
125	842	1381	1715	1859	1916	1859	1715	1381	842	1415.1
135	1102	1553	1974	2176	2228	2176	1974	1553	1102	1420.2
145	1329	1663	2086	2308	2376	2308	2086	1663	1329	1238.0
155	1510	1726	2019	2240	2319	2240	2019	1726	1510	913.2
165	1638	1740	1889	2006	2052	2006	1889	1740	1638	531.7
175	1706	1720	1748	1775	1787	1775	1748	1720	1706	168.7
180	1708	1708	1708	1708	1708	1708	1708	1708	1708	



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

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