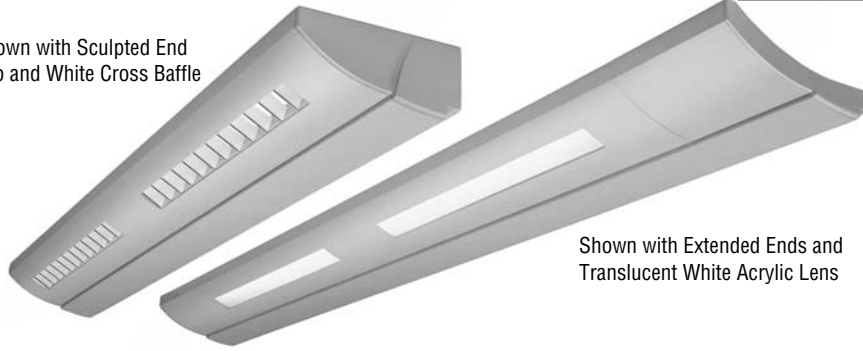


Luminata III Series™

Catalog Number	Type
Project Name	

Shown with Sculpted End Cap and White Cross Baffle



Shown with Extended Ends and Translucent White Acrylic Lens

LM3P02

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.
- (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

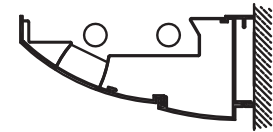
All fixtures intended for continuous rows are provided with factory installed quick-connect wiring.

Controls

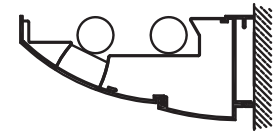
Contact factory for control by Occupancy Sensors, Photo Controls and Daylight Harvesting.

Certification

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



LM3P02-T5 (Or T5HO)



LM3P02-T8

Series LM3P02

Standard Lengths: 4', 8' and 12'

Mounting W = Wall

LM3P02-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 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-L/R (Left/Right)
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

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
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LM3P02

Indirect/Direct - T5HO Lamp

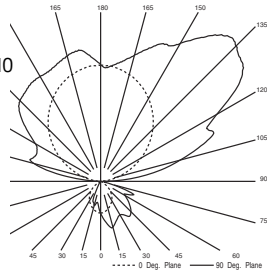
Semi-Specular Aluminum Parabolic Baffle

Catalog Number: LM3P02-SE-4-X-PB-F01M-120-T5HO

Report Number: LTL#15057.ies

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

Lamps: Two Sylvania FP54/741/HO/ECO Rated at 4400 Lumens Each



Total Luminaire Efficiency = 78.1%
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	366	366	366	366	366	366	366	366	366	366
5	443	434	416	392	360	333	307	289	287	34.4
15	547	544	499	419	327	248	236	278	288	103.4
25	464	461	465	426	282	196	212	191	152	145.4
35	473	429	383	396	226	165	73	33	30	154.6
45	494	465	365	300	158	75	14	10	11	157.8
55	385	359	324	212	73	7	2	1	3	131.0
65	363	282	208	143	7	0	0	0	0	102.7
75	137	138	124	15	0	0	0	0	0	48.9
85	44	33	12	0	0	0	0	0	0	9.9
90	27	19	2	0	0	0	0	0	0	0
95	338	322	293	228	36	175	183	174	171	230.1
105	949	931	870	685	213	352	537	760	798	673.0
115	1388	1272	1291	1001	428	601	685	752	811	893.2
125	1944	1918	1714	1027	647	803	991	1040	1044	1070.3
135	2207	2132	1670	1141	850	995	1145	1264	1314	1054.4
145	2028	1881	1545	1207	1196	1244	1344	1390	1408	875.9
155	1743	1688	1489	1259	1174	1364	1371	1387	1408	652.6
165	1508	1473	1374	1289	1276	1409	1489	1495	1495	400.6
175	1335	1320	1308	1311	1336	1381	1411	1439	1461	131.5
180	1345	1345	1345	1345	1345	1345	1345	1345	1345	1345

*Use a 0.59 multiplier for T5

LM3P02

Indirect/Direct - T5HO Lamp

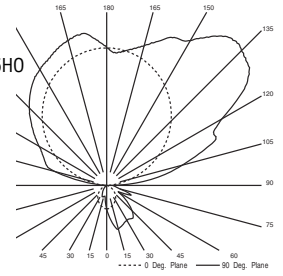
White Aluminum Cross Baffle

Catalog Number: LM3P02-SE-4-X-BW-F01M-120-T5HO

Report Number: LTL#15058.ies

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

Lamps: Two Sylvania FP54/741/HO/ECO Rated at 4400 Lumens Each



Total Luminaire Efficiency = 82.9%
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	277	277	277	277	277	277	277	277	277	277
5	376	365	342	310	274	240	210	189	186	26.4
15	533	521	457	358	250	162	126	132	137	82.1
25	488	473	445	377	219	119	126	131	125	126.3
35	482	436	376	347	183	109	96	79	76	149.5
45	425	405	332	262	140	85	56	39	35	148.6
55	248	251	259	182	89	49	20	4	5	109.9
65	231	165	142	115	52	18	0	0	0	77.7
75	166	160	127	57	23	0	0	0	0	59.5
85	89	79	55	25	0	0	0	0	0	28.4
90	69	59	37	11	0	0	0	0	0	0
95	365	348	308	223	50	154	113	84	76	213.2
105	924	897	847	717	293	419	535	635	636	663.2
115	1404	1313	1339	1055	571	702	748	799	832	949.8
125	1986	1970	1755	1133	837	969	1021	1036	1048	1139.3
135	2250	2163	1763	1295	1074	1215	1274	1291	1295	1142.5
145	2146	2002	1711	1393	1279	1447	1456	1494	1509	988.7
155	1923	1862	1674	1482	1441	1631	1635	1636	1642	757.6
165	1705	1673	1600	1534	1556	1703	1763	1771	1769	472.2
175	1579	1569	1562	1583	1615	1667	1707	1730	1743	157.4
180	1627	1627	1627	1627	1627	1627	1627	1627	1627	1627

*Use a 0.59 multiplier for T5

LM3P02

Indirect/Direct - T8 Lamp

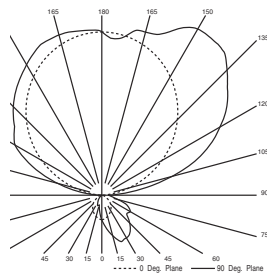
Semi-Specular Aluminum Parabolic Baffle

Catalog Number: LM3P02-SE-4-X-PB-F01M-120-T8

Report Number: LTL#15055.ies

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

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



Total Luminaire Efficiency = 75.9%
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	159	159	159	159	159	159	159	159	159	159
5	196	191	183	172	157	144	133	126	125	15.0
15	272	258	225	186	143	110	82	68	68	44.3
25	325	311	255	188	125	78	64	68	65	73.4
35	312	291	249	181	104	56	50	42	40	89.8
45	256	241	214	163	79	45	30	22	20	89.5
55	203	176	157	120	52	26	12	4	3	73.8
65	195	166	113	73	29	10	0	0	0	60.4
75	110	99	76	36	14	0	0	0	0	37.3
85	55	49	35	17	0	0	0	0	0	18.1
90	45	38	25	8	0	0	0	0	0	0
95	147	141	127	104	29	68	72	73	72	104.8
105	472	465	440	357	182	257	301	301	300	353.3
115	777	755	687	572	362	425	495	544	548	554.3
125	990	962	889	730	537	595	634	672	698	655.0
135	1153	1135	1032	797	695	755	777	805	815	673.6
145	1244	1208	1085	899	831	882	912	921	928	612.3
155	1197	1145	1041	971	940	977	1009	1029	1031	475.2
165	1098	1092	1059	991	1017	1039	1057	1074	1079	297.2
175	1022	1020	1019	1035	1056	1070	1071	1075	1077	100.2
180	1063	1063	1063	1063	1063	1063	1063	1063	1063	1063

LM3P02

Indirect/Direct - T8 Lamp

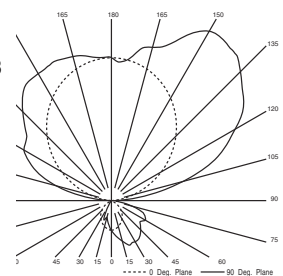
White Aluminum Cross Baffle

Catalog Number: LM3P02-SE-4-X-BW-F01M-120-T8

Report Number: LTL#15061.ies

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

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



Total Luminaire Efficiency = 71.2%
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	184	184	184	184	184	184	184	184	184	184
5	210	206	200	192	181	172	164	158	158	17.3
15	260	250	227	198	165	139	118	108	109	49.5
25	293	288	249	196	143	103	98	107	95	78.5
35	292	277	242	188	117	72	52	22	19	88.5
45	256	243	221	175	84	42	9	6	7	87.6
55	223	198	172	135	45	4	1	1	2	75.8
65	230	199	137	86	4	0	0	0	0	66.5
75	132	115	82	11	0	0	0	0	0	36.6
85	30	23	8	0	0	0	0	0	0	8.0
90	20	15	3	0	0	0	0	0	0	0
95	121	118	111	99	22	73	80	80	79	100.0
105	458	456	440	347	139	224	319	349	356	351.1
115	774	748	685	548	283	388	453	540	561	531.4
125	998	962	869	691	430	522	592	616	648	615.6
135	1132	1108	1002	724	565	647	742	775	779	628.4
145	1214	1179	1031	793	683	746	815	874	900	561.3
155	1138	1077	942	845	778	817	871	913	923	420.5
165	984	972	930	842	845	858	891	916	925	254.9
175	868	864	859	865	881	887	884	888	891	83.9
180	886	886	886	886	886	886	886	886	886	886



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

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