

Lightline®

Indirect / Direct Baffle T5 / T5HO

Type:

Project:

SPECIFICATIONS

Rectangular 2 3/4" x 2 1/2"

LL1M4

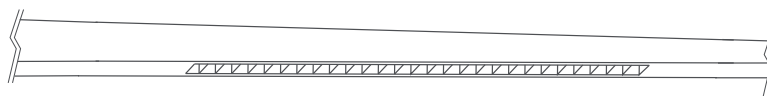
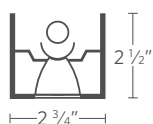
CATALOG NUMBER

FT

Examples: LL1M4 28 T5 12FT R12 120 GEB10 SCT LP830 F1/18 C100 CFG — LL1M4 54 T5HO 12FT R12 277 GEB10 SCT LP F1/24 C200 CFG

AVAILABLE FIXTURES

□ LL1M4



SPECIFICATIONS

Construction

Housing AA 6063 T6 extruded aluminum forming a 2 3/4" x 2 1/2" rectangular channel. Die-cast end plate mechanically attached with no exposed fasteners.

Reflectors

Die-formed reflectors of baked white enamel (nominal reflectance 86%) and hammertone specular aluminum.

Electrical

Specify 120 volt, 277 volt or 347 volt. Pre-wired with prescribed circuits as specified. C-UL listed. Listed and labeled to comply with Canadian standards. For special circuiting, consult factory.

Finish

Standard colors include satin anodized aluminum, and white white (low gloss).

Shielding

Parabolic semi-specular aluminum louver.

ORDERING LOGIC

FT									▶▶▶	
Fixture	Mounting Type	# of Lamps in Cross Section	Lamp Type	Nominal Row Length ³	Maximum Section Length	Voltage	Ballast Type	# of Emergency Modules		
LL1M4	(Blank)	1	54T5HO 28T5	— FT	R8 8' Section R12 12' Section	120 277 347 ¹	GEB10 <10% THD ELECTRONIC Dimming Ballasts Available ADEZ ^{1,2} Advance Mark 10 dimming ECO10 ¹ Lutron ECO-10 dimming ADZT ^{1,2} Mark 7 (0-10 volt) OSDIM ^{1,2} Osram 0-10v dimming <i>Reference Ballast Chart on website or consult factory for other options.</i>	Blank 1SE 2SE XSE		
/									▶▶	
Emergency Type	Switching	Lamp Color		Mounting Type	/	Overall Suspension	Finish	Options		
Blank	SCT Single Circuit	L/LP	No Lamp	F1	T-Bar Ceiling (Universal Mounting Bracket)	12 12" overall suspension	C100 Satin Anodized Finish	ACG Adjustable Cable Grippers		
EC Emergency Circuit		LP830	3000k 80+ CRI	F1A	T-Bar Ceiling (UMB with Integrated J-Box)	15 15" overall suspension	CO41 White White (low gloss)	APF Alternate Power Feed		
		LP835	3500k 80+ CRI	F2	Hard ceiling horizontal J-box	18 18" overall suspension	CO99 Custom Color	CP Chicago Plenum		
		LP841	4100k 80+ CRI	F3	Stem Mount	21 21" overall suspension		DL Damp Location Label		
		28T5 Only		F4A	IDS Clip 15/16" Tee	24 24" overall suspension		DU Dust Cover		
		LP830P	3000K 80+ CRI Premier	F4B	IDS Clip 9/16" Tee	XX XX" overall suspension		ELH EM Through Wire Harness		
		LP835P	3500K 80+ CRI Premier	F4C	IDS Clip Screw Slot			ELS EM Through Wire Harness with Single Feed		
		LP841P	4100K 80+ CRI Premier					ELS2 Normal feed w/ EM separate neutral		
		<i>Reference Lamp Chart on website or consult factory for other options.</i>						GLR Fast Blow Fuse		
								GMF Slow Blow Fuse		
								MCS Matching feed canopy at support		
								OJB Offset Junction Box		

Notes:

1 Not available in 347 volt.

2 Not available with 28T5 Lamp Type.

4 Must be in 4' increments.

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PHOTOMETRICS

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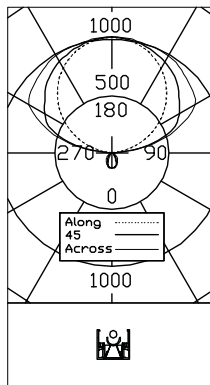
1-LAMP T5HO

FAR-FIELD PHOTOMETRY

DATE: 12-11-2001

REPORT NUMBER: 5416

CATALOG NUMBER: LL1-310921-T5HO
LUMINAIRE: 2 3/4"W X 2 1/2"H RECTANGULAR ALUMINUM INDIRECT/DIRECT LIGHT
W/WHITE PAINTED & HAMMERTONE REFLECTOR & WHITE BAFFLE
LAMP(S): F54/835/HO RATED ● 5000 LUMENS
BALLAST: QT1X54/120PHO
MOUNTING:
LUMEN TO CANDELA RATIO USED = 9.15
TOTAL INPUT WATTS = 60.9 AT 12.0 VOLTS
THE 0 DEGREE PLANE IS PARALLEL WITH THE LAMPS.



CANDELA DISTRIBUTION				FLUX	
0.0	22.5	45.0	67.5	90.0	
0	132	132	132	132	13
5	130	129	130	132	35
15	121	124	127	126	44
25	105	109	98	83	77
35	86	87	61	45	38
45	65	57	32	29	27
55	43	32	23	22	20
65	20	18	16	16	15
75	9	10	9	8	8
85	5	5	4	4	3
90	2	3	3	3	2
95	20	98	93	79	78
105	178	324	422	448	461
115	359	465	636	719	735
125	526	604	723	841	882
135	675	724	820	895	925
145	806	834	894	950	975
155	903	917	946	979	992
165	973	976	990	999	1005
175	1011	1012	1012	1019	1019
180	1018	1018	1018	1018	1018

ZONAL LUMEN SUMMARY	LUMENS	%LAMP	%FIXT
0-30	91	1.8	2.3
0-40	131	2.6	3.3
0-60	186	3.7	4.7
0-90	217	4.3	5.5
90-120	1077	21.5	27.4
90-130	1721	34.4	43.7
90-150	2907	58.1	73.8
90-180	3721	74.4	94.5
0-180	3938	78.8	100.0

LUMINANCE DATA IN FOOTLAMBERTS			
ANGLE	AVERAGE	AVERAGE	AVERAGE
IN DEG	0-DEG	45-DEG	90-DEG
45	1463.	720.	610.
55	1192.	624.	561.
65	740.	588.	550.
75	556.	525.	494.
85	801.	712.	534.

TOTAL LUMINAIRE EFFICIENCY = 78.8 %
CIE TYPE - INDIRECT

APPROVED BY:



TESTED IN ACCORDANCE WITH IES PROCEDURES, TEST DISTANCE EXCEEDS 25.0 FEET