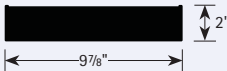




FEATURES

- Rectilinear wall mount
- Direct/Indirect Luminaire
- T5 or T5HO lamp
- Solid housing of heavy 20-gauge steel
- Controls compatible
- Asymmetric distribution
- Attractive cable/bracket support mount
- Integral small case ballasting
- Control compatible for daylight harvesting, occupancy sensors, or dimming
- Low profile, wall mount
- Office school applications

SHAPE AND DIMENSIONS



PROJECT INFORMATION

Project Name	Type
Catalog No.	Date

CONSTRUCTION

Plank Wall Mount Asymmetric is constructed of a heavy 20-gauge steel body with a 9 7/8" wide by 2" high profile; with bracket width of 10 1/8". Fixtures are available with one T5 or T5HO lamp mounted in an asymmetric distribution. The exact shape of the housing is maintained by the use of a patented inner die cast plate at each fixture end (Patent# 6,796,676 B2) throughout the run to prevent snaking. The housing is designed to wrap around the plate and secures on top with concealed screws to ensure housing tolerances are consistent.

FINISH

Housing and all painted parts are treated with a multi-stage phosphate prior to finish. Parts are then finished with a white powder coat for maximum consistent coverage and longevity. Other colors may be specified; refer to page MTX-1 or contact your local Alera Lighting representative.

SHIELDING

Plank Wall Mount Asymmetric includes both direct and indirect lighting elements. Shielding options for the direct element include opal acrylic (OA).

MOUNTING

Plank Wall Mount Asymmetric is designed for wall mount applications using wall brackets (Bracket width of 10 1/8"). Brackets are universal and secure to the die cast end plates using a screw connection. Wall mounting brackets are painted matte white unless otherwise specified. Aircraft cable support may be used in addition to the wall bracket mounting if designed for aesthetic and/or additional load carrying capacity. Electrical connections are made from a standard 2" x 4" j-box; j-box and j-box covers by others. In-row products are standard with quick-connect wiring for in-row electrical connections.

LABELS AND ELECTRICAL

- UL 1598 or CSA
- Prewired with T5 or T5HO electronic ballasts
- Quick connect plugs standard
- Damp label available on most models

ORDERING INFORMATION

EXAMPLE: PLK-16-1T5AUD-ASYM-WM-OA-EPU-MW

PLK -		- ASYM -		- OA -			
MODEL	LAMP TYPE AND PROFILE	MOUNTING		VOLTAGE		COLOR	
PLK Plank	1T5AUD One T5 Lamp 1T5HOAUD One T5HO Lamp	WM Wall Mount	WMC Wall Mount with Cable	U 120V-277V		MW Matte White (Std.)	ZT Zet Metallic Silver
				120 120V		See MTX-1 for other color selections.	
				277 277V			
				347 347V			
ROW LENGTH		HOUSING TYPE	SHIELDING	BALLAST		OPTIONS	
4 4' Single	ASYM Asymmetric Housing	OA Opal Acrylic Lens	EP Electronic, Programmed Start (Std. for T5 & T5HO)	DC Dust Cover (T8 only)		LR Left/Right Switching (2-Lamp only)	
8 8' Single			ED Electronic, Dimming (Must specify)	IBOB Inboard/Outboard Switching (3-Lamp only)		EL One Emergency Battery Pack ^{2,3}	
12 12' Single			ESD Electronic, Step Dimming	EMC One Emergency Circuit ^{2,3,4}		NL Night Light Circuit ^{2,3,4}	
— Indicate row length over 8' in 4' increments			Unless specified, Alera will use fewest ballasts possible.	GLR Fast Blow Fuse		GMF Slow Blow Fuse	
Note: Rows over 8' will be configured by Alera. Example: 16' will be (2) 8'. Alternate configurations: contact factory.				CSA UL listed or CSA certified for Canada		DL Damp Label (Available on most models)	

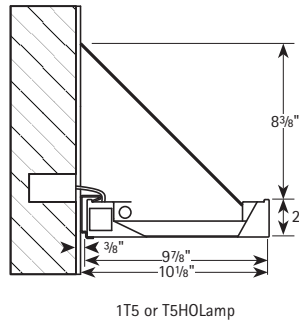
¹ Specify voltage. For additional, specify quantity before nomenclature (Example: 2EL120, EMC277).

² Not available with all configurations; some limitations apply. Contact factory for details.

³ One extra feed drop per row with through wiring. (Standard is one 4ft lamp per circuit.)

Protected by US Patent 6,796,676.
Protected by Canada Patent 2,450,528.
Specifications subject to change without notice.

CROSS SECTION



PHOTOMETRIC DATA

LUMINAIRE DATA Test 14552

Luminaire	PLK-1T5HO-ASYM-WM-OA-EP Plank Architectural Beam 9.75 x 48 1-Lamp with Flush Opal Lens
Ballast	ICN-2S54
Ballast Factor	1.02
Lamp	F54T5HO
Lumens per Lamp	4450
Watts	62
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	N/A
Luminous Opening in Feet	Length: 3.67 Width: 0.41 Height: 0.00

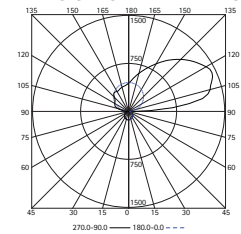
AVG. LUMINANCE (Candela/Sq. M.)

Angle	90.0	135.0	180.0	225.0	270.0
0	951	951	951	951	951
30	917	933	933	942	925
40	915	924	934	924	924
45	951	921	931	921	921
50	990	935	924	913	901
55	1010	998	910	910	898
60	1001	1059	887	887	901
65	982	1100	863	880	880
70	941	1109	837	878	858
75	912	1106	829	857	802
80	865	1112	783	783	700
85	821	1231	739	739	65

COEFFICIENTS OF UTILIZATION (%)

Data not available.

INDOOR CANDELA PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	103	2.3	2.9
0-40	170	3.8	4.8
0-60	308	6.9	8.7
0-90	412	9.3	11.6
90-120	1422	32.0	40.1
90-130	1940	43.6	54.7
90-150	2718	61.1	76.6
90-180	3135	70.4	88.4
0-180	3547	79.7	100.0

ENERGY DATA

Total Luminaire Efficiency	79.7%
Luminaire Efficacy Rating (LER)	58
ANSI/IESNA RP-1-2004 Compliance	--
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$4.14 based on 3000 hrs. and \$0.08 per KWH

Test Date 3/12/07