

DESCRIPTION

Corelite's Class A D/I Lensed Wall Mount is a semi-indirect fluorescent luminaire with an engineered optical system, which provides a forward throw indirect component. The direct component is provided via one segmented lensed aperture. The Class A D/I Wall may be mounted over 2" x 4" J-Boxes for individual or continuous configurations using 4', 8' and 12' modular sections. Class A D/I Wall is suited for open office perimeters, private offices, conference rooms, corridors and public spaces.

Catalog #		Type	
Project			
Comments		Date	
Prepared by			

SPECIFICATION FEATURES

A ... Construction

Housing is one piece die-formed cold rolled steel, forming a 6" x 2-7/8" architectural profile. Standard 4'-0", 8'-0", and 12'-0" fixture lengths combine for continuous runs.

B ... End Plates

Standard laser cut 14-gauge cold rolled steel, mechanically attached with no exposed fasteners. Optional die cast aluminum end caps also available.

C ... Lens

Standard white opal. Optional round perf or square perf.

D ... Reflectors

Reflector pan is painted with a high reflectance white powder coat finish.

E ... Electrical

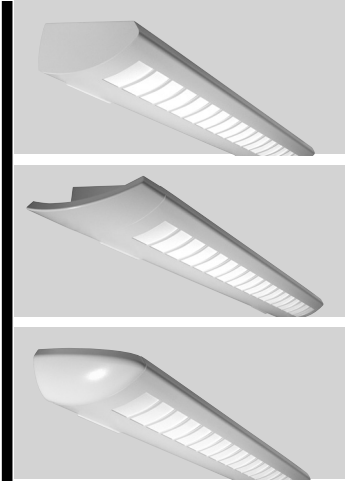
T5/T5HO fixtures are pre-wired with quick wire connectors and use UL listed Class P, T5/T5HO program rapid start universal voltage electronic ballasts, power factor of 97% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

F ... Finish

Fixture housings are standard white using electrostatically applied polyester powder coat paint.

G ... Mounting

Fixture mounts directly to existing structure over a 2" x 4" standard electrical box mounted horizontally into the wall. Refer to installation section for details.



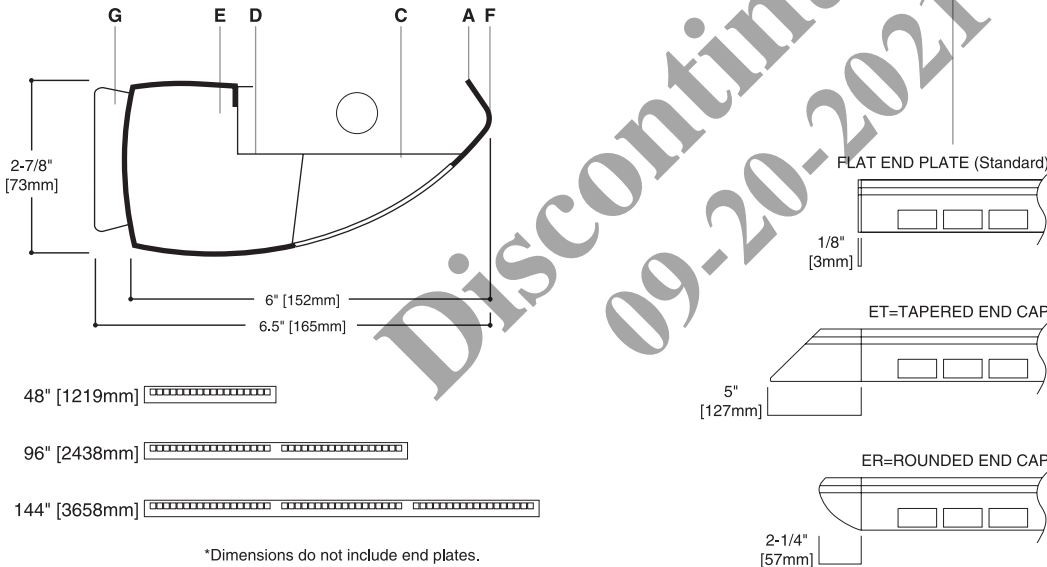
Class A D/I Lensed Wall

1T5
1T5HO

Wall Mount
Semi-Indirect

Light Distribution
Indirect - 83.1%
Direct - 16.9%

(White Opal Lens)



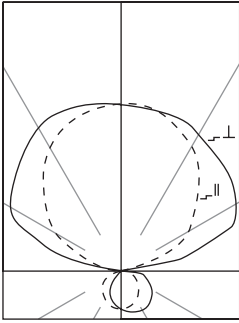
*Dimensions do not include end plates.

ORDERING INFORMATION

Sample Number: AW-WO-1T5-1C-277-SU-WA-32-ET

Series AW- Class A D/I Lensed Wall Mount	Optics Up W- White	Number of Lamps 1- 1 Lamp	Wiring ¹ B- Battery Pack C- Standard Circuit D- Dimming E- Emergency T- Nightlight Y- Daylight	Voltage ¹ 120- 120V 277- 277V 347- 347V UNV- Universal (120V-277V)	Suspension SU-WA- Surface/Wall Mount	Options ER- Rounded End Cap ET- Tapered End Cap
	Optics Down O- White Opal Lens	Lamp Type N5- T5 Normal Output T5- T5 High Output			Run Length Individually Mounted Luminaires may be 4', 8', or 12' in length Continuously Mounted Standard row configurations over 12' consist of 8' and 12' sections	
		Number of Circuits ¹ 1- 1 Circuit				

Notes: 1 Not all options available. Please consult your Cooper Lighting Solutions Representative for availability.



AW-WO-1T5
 (1) FP54/841/HO
 4500 Lumens

Efficiency 93.6%

Test Report
 #LSI19089

Coefficients of Utilization

rc	Effective floor cavity reflectance												20%																				
	80%				70%				50%				30%				10%				0%												
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10				
RCR																																	
0	93	93	93	93	82	82	82	82	61	61	61	42	42	42	24	24	24	24	24	24	24	16	16	16	16	10	10	10	10	10	10	10	0
1	84	80	77	74	74	71	68	64	53	51	49	36	35	34	21	20	20	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
2	76	70	64	60	67	61	57	53	46	43	40	31	30	28	18	17	16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	70	61	55	50	61	54	49	44	40	37	34	28	26	24	16	15	14	09	09	09	09	09	09	09	09	09	09	09	09	09	09	09	09
4	64	54	47	42	56	48	42	37	36	32	29	25	22	20	14	13	12	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08
5	58	47	41	35	51	42	36	31	32	27	24	22	19	17	13	11	10	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
6	53	43	35	30	47	38	31	27	28	24	21	20	17	15	11	10	09	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05
7	49	38	31	26	43	34	28	23	15	21	18	18	15	13	10	09	08	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05	05
8	45	34	27	23	40	30	24	20	23	19	16	16	13	11	09	08	07	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04	04
9	42	31	24	20	37	27	22	18	21	17	14	14	12	10	08	07	06	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03
10	39	28	22	17	34	25	19	15	19	15	12	13	10	08	08	06	05	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03	03

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	170	3.78	4.04
0-40	280	6.23	6.66
0-60	503	11.20	11.97
0-90	711	15.81	16.90
40-90	431	9.58	10.24
60-90	207	4.61	4.93
90-180	3498	77.75	83.10
0-180	4210	93.56	100.00

Luminance Data

Angle in Deg	0-Deg cd/sm	45-Deg cd/sm	90-Deg cd/sm
45	3978	4362	4482
55	3870	4357	4460
65	3758	4297	4298
75	3548	4124	4122
85	2195	3778	3877

Candela

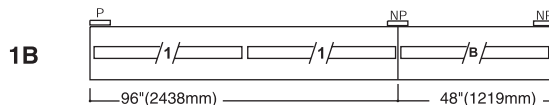
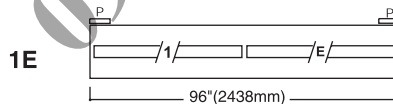
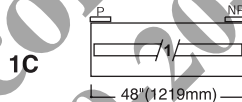
Angle	Along II	45°	Across I
0	218	218	218
5	217	225	230
15	210	233	245
25	195	234	251
35	174	226	251
45	147	211	238
55	116	188	217
65	83	158	187
75	48	124	153
85	10	83	113
90	0	71	102
95	31	137	153
105	186	450	454
115	352	582	735
125	508	667	801
135	645	746	846
145	762	822	883
155	852	885	916
165	913	928	944
175	945	953	957
180	958	958	958

COMMON CIRCUIT CONFIGURATIONS FOR ONE LAMP WALL MOUNT FIXTURES

- 1C=Single circuit luminaire
- 1E=Single circuit luminaire with emergency circuit
- 1B=Single circuit luminaire with battery pack

- /1/ =Circuit 1
- /E/ =Emergency Circuit
- /B/ =Battery Circuit

- =Power Mount
- =Non-Power Mount



STANDARD ROW CONFIGURATIONS

FIXTURE LENGTH	4'	8'	12'	16'	20'	24'	28'	32'	36'	40'	44'	48'	52'	56'	60'	64'	68'	72'	76'	80'	84'	88'	92'	96'	100'	104'	108'	
4'	1																											
8'		1		2	1		2	1		2	1		2	1		2	1		2	1		2	1		2	1		2
12'			1		1	2	1	2	3	2	3	4	3	4	5	4	5	6	5	6	7	6	7	8	7	8	9	