

DESCRIPTION

Corelite's Traverse Wall Mount is an asymmetric semi-indirect fluorescent luminaire that features a rugged aluminum construction and sleek modern styling. The concave perf aluminum insert creates a subtle sparkle while offering the awareness of the light source. The Traverse Wall may be mounted over standard 2"x4" J-Boxes for individual or continuous configuration using 4' and 8' modular sections. The Traverse 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 6063 T5 aluminum extrusion forming a 2-7/8" rectangular profile. Standard 4'-0" and 8'-0" fixture lengths combine for continuous runs.

B ... End Caps

Standard end caps are precision die-cast aluminum, mechanically attached without exposed fasteners.

C ... Louver

Semi-specular material, perforated section is 15% open with 0.062" diameter holes and opal diffuser.

D ... Reflectors

Reflector pan is painted with a highly reflectance white powder coat finish. Optional die-formed side reflector is a highly specular anodized aluminum.

E ... Electrical

Fixtures are prewired with quick wire connectors and use UL listed Class P, 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.

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.



Concave Metallic Perf

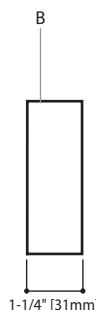
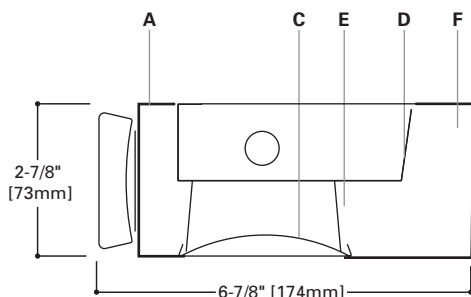
Traverse Wall

1T5HO

Wall Mount
Semi-Indirect

Light Distribution

Indirect - 96.3%
Direct - 3.7%



End Cap Side View

MODULES AND DIMENSIONS*

48" [1219mm]

96" [2438mm]

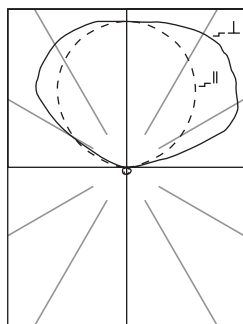
*Dimensions do not include end caps.

ORDERING INFORMATION

Sample Number: TW-WC-1T5-1C-UNV-SU-WA-8

Series TW = Traverse Wall	Optics Up S = Specular W = White	Optics Down C = Concave Metallic Perf	Number of Lamps 1 : 1 Lamp	Lamp Type T5 : 54W T5 HO (4' unit)	Wiring ¹ C = Standard Circuit D = Dimming E = Emergency B = Battery Pack T = Nightlight Y = Daylight	Voltage ¹ 120 = 120V 277 = 277V 347 = 347V UNV = Universal (120V-277V)	Suspension SU-WA = Surface/Wall Mount
Run Length <u>Individually Mounted</u> Luminaires may be 4' or 8' in length <u>Continuously Mounted</u> Standard row configurations over 8' consist of 4' and 8' sections							

Notes: 1 Not all options available. Please consult your Cooper Lighting Representative for availability. Specifications and dimensions subject to change without notice.



TW-WC-1T5
(1) FP54/841/HO
4500 Lumens

Efficiency 82.3%

Test Report
#LSI17904

Coefficients of Utilization

		Effective floor cavity reflectance								20%							
		80%				70%				50%				30%			
rc		70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30
rw		70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30
RCR																	
0		79	79	79	79	68	68	68	68	47	47	47	29	29	29	11	11
1		72	69	66	63	62	59	57	54	41	40	39	25	24	24	10	10
2		65	60	55	51	56	52	48	44	36	34	32	22	21	20	09	08
3		60	53	47	43	51	45	41	37	32	29	27	19	18	17	08	07
4		54	46	40	36	47	40	35	31	28	25	23	17	15	14	07	06
5		50	40	35	30	43	35	30	27	25	22	19	15	13	12	06	05
6		46	36	30	26	39	32	26	23	22	19	16	14	12	10	05	04
7		42	33	26	22	36	28	23	20	20	17	14	12	10	09	05	04
8		39	29	23	19	33	25	20	17	18	15	12	11	09	08	04	03
9		36	26	21	17	31	23	18	15	16	13	11	10	08	07	04	03
10		33	24	18	15	28	21	16	13	15	12	09	09	07	06	04	03

Candela

Angle	Along II	45°	Across I
0	47	47	47
5	46	46	47
15	44	45	45
25	41	42	41
35	38	38	39
45	31	33	34
55	23	26	26
65	16	19	20
75	7	11	10
85	1	1	2
90	0	0	0
95	32	79	80
105	187	505	436
115	359	664	832
125	525	801	927
135	676	911	1014
145	802	963	1068
155	901	990	1056
165	967	1003	1029
175	1001	1006	1002
180	1008	1008	1008

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	36	.80	.98
0-40	59	1.32	1.61
0-60	107	2.38	2.89
0-90	139	3.09	3.75
40-90	79	1.77	2.15
60-90	32	.71	.87
90-180	3566	79.26	96.25
0-180	3705	82.35	100.00

Luminance Data

Angle in Deg	0-Deg cd/sm	45-Deg cd/sm	90-Deg cd/sm
45	616	647	659
55	560	634	634
65	525	641	660
75	416	594	563
85	297	234	344

COMMON CIRCUIT CONFIGURATIONS

1C=Single circuit luminaire

1E=Single circuit luminaire with emergency circuit (generator)

1B=Single circuit luminaire with battery pack

/1/ =Circuit 1

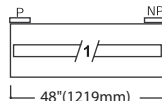
/E/ =Emergency Circuit

/B/ =Battery Circuit

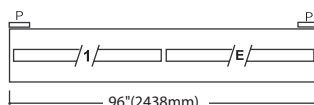
 =Power Mount

 =Non-Power Mount

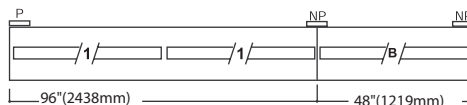
1C



1E



1B



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		1		1		1		1		1		1		1		1		1		1		1		1		1
8'		1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13