

DESCRIPTION

Corelite's Traverse Wall Mount is an asymmetric direct-indirect fluorescent luminaire that features a rugged aluminum construction, sleek modern styling and cross blade louver. Our Slide-N-Lock™ optics accessory allows the designer to adjust the amount of uplight and downlight for a particular application. 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

A continuous semi-specular aluminum parabolic 1-1/4" blades spaced 2-1/4" on-center with a 2-3/4" opening.

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

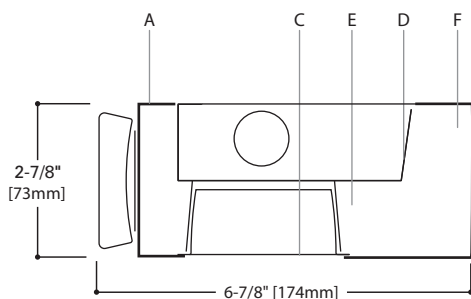
Fixtures are prewired with quick wire connectors and use UL listed Class P, 265ma T8 instant start universal voltage electronic ballasts. Power factor of 95% with less than 10% THD. Fixtures and electrical components certified to UL and CUL standards.

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.



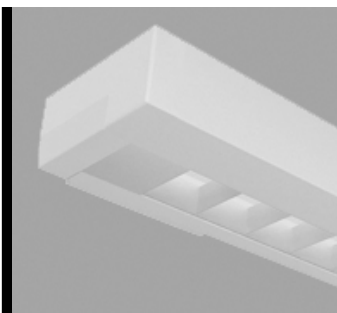
End Cap Side View

MODULES AND DIMENSIONS*

48" [1219mm]

96" [2438mm]

*Dimensions do not include end caps.



Cross Blade Louver

Traverse Wall

1T8

Wall Mount
Direct/Indirect

Light Distribution

Indirect - 68.8%

Direct - 31.2%



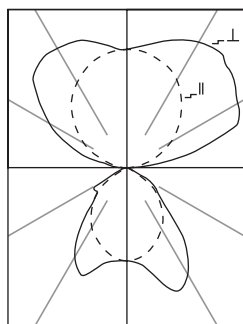
SLIDE-N-LOCK™

ORDERING INFORMATION

Sample Number: TW-WB-1T8-1C-UNV-SU-WA-8

Series TW = Traverse Wall	Optics Down B = Cross Blade Louver	Lamp Type T8 = 32W T8 (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)	Run Length Individually Mounted Luminaires may be 4' or 8' in length Continuously Mounted Standard row configurations over 8' consist of 4' and 8' sections	Options Slide-N-Lock™ DL1 DL2 DL3 DL4 DL5 DL6 DL7 DL8
Optics Up S = Specular W = White	Number of Lamps 1 = 1 Lamp	Number of Circuits ¹ 1 = 1 Circuit		Suspension SU-WA = Surface/Wall Mount		

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



TW-WB-1T8
(1) F32T8/TL841
3000 Lumens

Efficiency 84.7%

Test Report
#LSI17911

Coefficients of Utilization

		Effective floor cavity reflectance								20%							
		80%				70%				50%				30%			
rc	rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30
RCR																	
0	87	87	87	87	87	78	78	78	78	62	62	62	47	47	47	33	33
1	80	77	74	71	72	69	67	64	55	53	52	42	41	40	30	30	29
2	73	68	63	59	66	61	57	54	49	46	44	38	36	35	27	27	26
3	67	60	55	50	61	54	50	46	44	41	38	34	32	30	25	24	23
4	62	54	47	43	56	49	43	39	39	36	33	31	28	26	23	21	20
5	57	47	41	37	51	43	38	34	35	31	28	28	25	23	20	19	18
6	52	43	36	32	47	39	33	29	32	28	25	25	22	20	19	17	16
7	48	38	32	28	43	35	30	26	29	25	22	23	20	18	17	15	14
8	44	35	28	24	40	31	26	22	26	22	19	20	18	15	15	13	12
9	41	31	25	21	37	28	23	19	23	19	16	18	16	13	14	12	10
10	38	28	22	19	34	26	21	17	21	17	15	17	14	12	13	11	09

Candela

Angle	Along II	45°	Across I
0	324	324	324
5	319	323	328
15	296	333	396
25	264	378	461
35	221	354	371
45	170	238	198
55	91	107	124
65	22	28	51
75	8	12	15
85	4	5	6
90	0	0	0
95	16	44	35
105	69	256	266
115	137	327	435
125	205	384	469
135	270	430	501
145	326	444	518
155	370	447	495
165	401	435	461
175	416	426	427
180	419	419	419

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	287	9.58	11.31
0-40	476	15.88	18.76
0-60	737	24.57	29.02
0-90	793	26.45	31.23
40-90	316	10.56	12.47
60-90	56	1.87	2.21
90-180	1746	58.23	68.77
0-180	2540	84.68	100.00

Luminance Data

Angle in Deg	0-Deg cd/sm	45-Deg cd/sm	90-Deg cd/sm
45	3277	4594	3832
55	2167	2550	2946
65	738	934	1672
75	452	652	794
85	625	906	1062

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

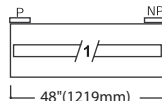
/E/ =Emergency Circuit

/B/ =Battery Circuit

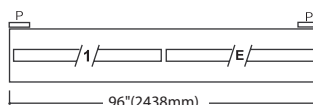
 =Power Mount

 =Non-Power Mount

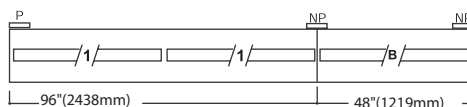
1C



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