

## DESCRIPTION

Corelite's Traverse Wall Mount is an asymmetric direct-indirect fluorescent luminaire that features a rugged aluminum construction, sleek modern styling and RPerformance(TM) louver. Our Slide-N-Lock(TM) 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.

<b>Catalog #</b>		<b>Type</b>
<b>Project</b>		
<b>Comments</b>		<b>Date</b>
<b>Prepared by</b>		

## 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

Continuous semi-specular aluminum, 1-1/8" high, 46 cell parabolic.

### 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.



RPerformance™ Louver

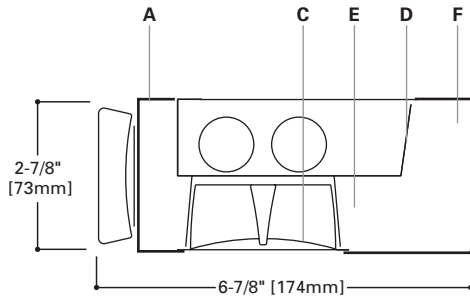
## Traverse Wall

2T8

**Wall Mount**  
Direct/Indirect

### Light Distribution

Indirect - 69.2%  
Direct - 30.8%



End Cap Side View

### MODULES AND DIMENSIONS\*

48" [1219mm]

96" [2438mm]

\*Dimensions do not include end caps.



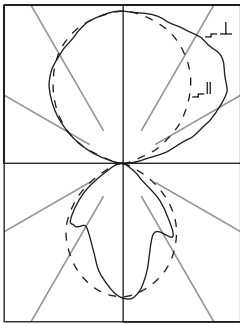
SLIDE-N-LOCK™

## ORDERING INFORMATION

Sample Number: TW-WH-2T8-1C-UNV-SU-WA-8

<b>Series</b> <b>TW</b> = Traverse Wall	<b>Optics Down</b> <b>H</b> = RPerformance Louver	<b>Lamp Type</b> <b>T8</b> = 32W T8 (4' unit)	<b>Wiring</b> <sup>1</sup> <b>C</b> = Standard Circuit <b>D</b> = Dimming <b>E</b> = Emergency <b>B</b> = Battery Pack <b>T</b> = Nightlight <b>Y</b> = Daylight	<b>Voltage</b> <sup>1</sup> <b>120</b> = 120V <b>277</b> = 277V <b>347</b> = 347V <b>UNV</b> = Universal (120V-277V)	<b>Run Length</b> <b>Individually Mounted</b> Luminaires may be 4' or 8' in length <b>Continuously Mounted</b> Standard row configurations over 8' consist of 4' and 8' sections	<b>Options</b> <b>Slide-N-Lock™</b> <b>DL1</b> <b>DL2</b> <b>DL3</b> <b>DL4</b> <b>DL5</b> <b>DL6</b> <b>DL7</b> <b>DL8</b>
<b>Optics Up</b> <b>S</b> = Specular <b>W</b> = White	<b>Number of Lamps</b> <b>2</b> = 2 Lamps	<b>Number of Circuits</b> <sup>1</sup> <b>1</b> = 1 Circuit <b>2</b> = 2 Circuit	<b>Suspension</b> <b>SU-WA</b> = 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.



Coefficients of Utilization

rc	Effective floor cavity reflectance																		
	80%				70%				20%										
rw	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0%	
RCR	0	81	81	81	81	73	73	73	73	58	58	58	43	43	43	30	30	30	24
	1	75	72	69	67	67	65	62	60	51	50	49	39	38	37	28	28	27	22
	2	69	63	59	55	62	57	54	51	46	43	41	35	34	33	26	25	24	20
	3	63	57	51	47	57	51	47	43	41	38	36	32	20	28	23	22	21	18
	4	58	50	45	41	52	46	41	37	37	34	31	29	27	25	21	20	19	16
	5	53	44	39	35	48	41	36	32	33	30	27	26	24	22	19	18	17	14
	6	49	40	35	30	44	37	32	28	30	26	24	24	21	19	18	16	15	12
	7	45	36	31	26	41	33	28	24	27	23	21	21	19	17	16	15	13	11
	8	42	33	27	23	38	30	25	21	24	21	18	20	17	15	15	13	12	10
	9	39	30	24	20	35	27	22	19	22	18	16	18	15	13	13	12	10	09
	10	39	27	21	18	32	25	20	17	20	17	14	16	13	12	12	10	09	08

Candela

Angle	Along II	45°	Across I
0	924	924	924
5	918	930	937
15	863	812	725
25	775	568	532
35	662	458	625
45	512	416	359
55	323	150	79
65	84	31	26
75	16	17	17
85	5	9	14
90	0	0	0
95	31	88	90
105	172	355	361
115	340	624	652
125	511	766	877
135	670	850	986
145	806	912	1007
155	914	959	1009
165	989	1024	1024
175	1027	1028	1028
180	1031	1031	1031

TW-WH-2T8  
(2) F32T8/TL841  
3000 Lumens

Efficiency 79.2%

Test Report  
#LSI17915

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30	568	9.47	11.96
0-40	889	14.82	18.71
0-60	1390	23.17	29.25
0-90	1462	24.37	30.76
40-90	572	9.55	12.05
60-90	71	1.19	1.51
90-180	3291	54.86	69.24
0-180	4753	79.23	100.00

Luminance Data

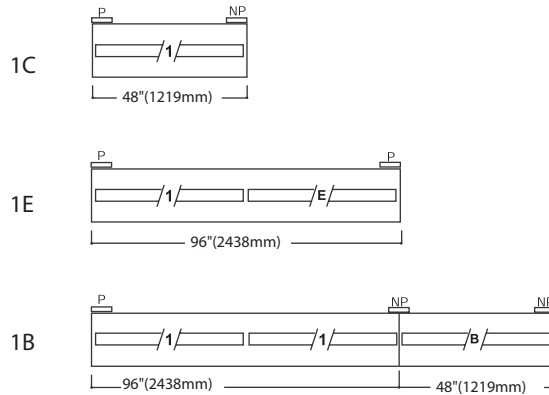
Angle in Deg	0-Deg cd/sm	45-Deg cd/sm	90-Deg cd/sm
45	9859	8018	6917
55	7691	3582	1880
65	2729	1005	960
75	858	926	926
85	828	1469	2203

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

- P =Power Mount
- NP =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		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