



2.5" x6" Aluminum Panel

Uniform Live or Snow Load (psf)	Panel Gauge (in)	Wind Speed and Exposure									
		Exposure B					Exposure C				
		35	90	100	105	110	85	90	100	105	110
10	0.018	11'-8"	11'-0"	9'-10"	9'-4"	8'-11"	10'-7"	9'-11"	8'-11"	8'-6"	8'-1"
	0.020	12'-8"	11'-11"	10'-8"	10'-2"	9'-8"	11'-5"	10'-9"	9'-8"	9'-2"	8'-9"
	0.024	14'-7"	13'-9"	12'-4"	11'-8"	11'-2"	13'-2"	12'-5"	11'-2"	10'-7"	10'-1"
	0.032	18'-5"	17'-4"	15'-7"	14'-10"	14'-1"	16'-8"	15'-8"	14'-1"	13'-5"	12'-9"
	0.036	20'-4"	19'-2"	17'-2"	16'-4"	15'-7"	18'-4"	17'-4"	15'-6"	14'-9"	14'-1"
	0.040	21'-0"	20'-11"	18'-9"	17'-10"	17'-0"	20'-1"	18'-11"	17'-0"	16'-2"	15'-5"
20	0.018	11'-1"	11'-0"	9'-10"	9'-4"	8'-11"	10'-7"	9'-11"	8'-11"	8'-6"	8'-1"
	0.020	12'-1"	11'-11"	10'-8"	10'-2"	9'-8"	11'-5"	10'-9"	9'-8"	9'-2"	8'-9"
	0.024	13'-11"	13'-9"	12'-4"	11'-8"	11'-2"	13'-2"	12'-5"	11'-2"	10'-7"	10'-1"
	0.032	15'-10"	15'-10"	15'-7"	14'-10"	14'-1"	15'-10"	15'-8"	14'-1"	13'-5"	12'-9"
	0.036	16'-5"	16'-5"	16'-5"	16'-4"	15'-7"	16'-5"	16'-5"	15'-6"	14'-9"	14'-1"
	0.040	17'-0"	17'-0"	17'-0"	17'-0"	17'-0"	17'-0"	17'-0"	17'-0"	16'-2"	15'-5"
25	0.018	9'-11"	9'-11"	9'-10"	9'-4"	8'-11"	9'-11"	9'-11"	8'-11"	8'-6"	8'-1"
	0.020	10'-10"	10'-10"	10'-8"	10'-2"	9'-8"	10'-10"	10'-9"	9'-8"	9'-2"	8'-9"
	0.024	12'-6"	12'-6"	12'-4"	11'-8"	11'-2"	12'-6"	12'-5"	11'-2"	10'-7"	10'-1"
	0.032	14'-9"	14'-9"	14'-9"	14'-9"	14'-1"	14'-9"	14'-9"	14'-1"	13'-5"	12'-9"
	0.036	15'-4"	15'-4"	15'-4"	15'-4"	15'-4"	15'-4"	15'-4"	15'-4"	14'-9"	14'-1"
	0.040	15'-10"	15'-10"	15'-10"	15'-10"	15'-10"	15'-10"	15'-10"	15'-10"	15'-10"	15'-5"
30	0.018	9'-1"	9'-1"	9'-1"	9'-1"	8'-11"	9'-1"	9'-1"	8'-11"	8'-6"	8'-1"
	0.020	9'-11"	9'-11"	9'-11"	9'-11"	9'-8"	9'-11"	9'-11"	9'-8"	9'-2"	8'-9"
	0.024	11'-5"	11'-5"	11'-5"	11'-5"	11'-2"	11'-5"	11'-5"	11'-2"	10'-7"	10'-1"
	0.032	13'-8"	13'-8"	13'-8"	13'-8"	13'-8"	13'-8"	13'-8"	13'-8"	13'-5"	12'-9"
	0.036	14'-6"	14'-6"	14'-6"	14'-6"	14'-6"	14'-6"	14'-6"	14'-6"	14'-6"	14'-1"
	0.040	14'-11"	14'-11"	14'-11"	14'-11"	14'-11"	14'-11"	14'-11"	14'-11"	14'-11"	14'-11"

MAXIMUM SPANS FOR PANEL W/ LIGHT STRIP COVER

- NOTES:
1. TO BE USED WITH AMERIMAX BUILDING PRODUCTS ICC ESR 1398 OR METALS USA ICC ESR 1953 STANDARD ALUMINUM PATIO COVER ENGINEERING.
 2. PANEL SPAN AND OTHER DETAILS AS PER #1. SINGLE SPAN WITH MAX 12' PANEL OVERHANG ONLY.
 3. MAXIMUM PANEL SPANS AS PER TABLE BELOW. TABLE DOES NOT SUPERCEDE NOTE #2
 4. COMPLIANCE WITH ELECTRICAL CODE IS OUTSIDE SCOPE OF THIS DETAIL AND MUST BE APPROVED SEPERATELY.

DATE	DRAWN BY	3441 IVYLINK PLACE LYNCHBURG, VA 24503 (434) 384-2514 CARLPUTNAM@DELPHIANET
1/4/2010	CMP	
7/12/2010	CMP	CLIENT TheLightStripLLC
		FILE PanelwCover.dwg
		DESC The Light Strip