



- 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. 10 PSF AND 20 PSF LIVE LOADS ONLY.
 4. MAXIMUM PANEL SPANS AS PER TABLE BELOW. TABLE DOES NOT SUPERCEDE NOTE #2
 5. COMPLIANCE WITH ELECTRICAL CODE IS OUTSIDE SCOPE OF THIS DETAIL AND MUST BE APPROVED SEPERATELY.

2.5" x6" Aluminum Panel

Uniform Live or Snow Load (psf)	Panel Gauge (in)	Wind Speed and Exposure									
		Exposure B					Exposure C				
		85	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

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