

Specification Sheet

12 Volt Channel Letter

LED Modules

Right Light Series	LED Per Module	Module Per Ft	Product Family	Color	Light Angle	Package Qty	Dimensions (LxWxH)	Dimensions (mm)	Power (W / Ft.)	Load 12W		Load 60W	
										Min.	Max.	Min.	Max.
RLS-2-12-RX	2	3	Right Light	Red	110°	90 Ft. (27.4m) = 270 Mods	2.5" x 1.0" x 0.5"	63.5 x 25.4 x 12.7	2.16	1 Ft. (0.3m)	5 Ft. (1.52m)	5 Ft. (1.52m)	27 Ft. (8.23m)
P.SVR-2-12-RX	2	3	Plus	Red	110°	90 Ft. (27.4m) = 270 Mods	2.5" x 1.0" x 0.5"	63.5 x 25.4 x 12.7	1.15	2 Ft. (0.61m)	10 Ft. (3.05m)	9 Ft. (2.74m)	52 Ft. (15.85m)
RLS-3-12-RX	3	2	Right Light	Red	110°	111 Ft. (33.8m) = 222 Mods	4.0" x 1.0" x 0.5"	101.6 x 25.4 x 12.7	1.44	2 Ft. (0.61m)	8 Ft. (2.44m)	7 Ft. (2.13m)	41 Ft. (12.5m)
P.SVR-3-12-RX	3	2	Plus	Red	110°	111 Ft. (33.8m) = 222 Mods	4.0" x 1.0" x 0.5"	101.6 x 25.4 x 12.7	0.77	3 Ft. (0.91m)	15 Ft. (4.57m)	14 Ft. (4.27m)	78 Ft. (23.77m)
RLS-2-12-O	2	3	Lightning	Orange	120°	90 Ft. (27.4m) = 270 Mods	2.5" x 1.0" x 0.5"	63.5 x 25.4 x 12.7	1.80	2 Ft. (0.61m)	6 Ft. (1.83m)	6 Ft. (1.83m)	33 Ft. (10.06m)
RLS-3-12-O	3	2	Lightning	Orange	120°	111 Ft. (33.8m) = 222 Mods	4.0" x 1.0" x 0.5"	101.6 x 25.4 x 12.7	1.20	2 Ft. (0.61m)	10 Ft. (3.05m)	9 Ft. (2.74m)	50 Ft. (15.24m)
RLS-2-12-Y	2	3	Lightning	Yellow	120°	90 Ft. (27.4m) = 270 Mods	2.5" x 1.0" x 0.5"	63.5 x 25.4 x 12.7	1.80	2 Ft. (0.61m)	6 Ft. (1.83m)	6 Ft. (1.83m)	33 Ft. (10.06m)
GL-2-12-G	2	3	Lightning	Green	100°	90 Ft. (27.4m) = 270 Mods	2.5" x 1.0" x 0.5"	63.5 x 25.4 x 12.7	1.08	2 Ft. (0.61m)	11 Ft. (3.35m)	10 Ft. (3.05m)	55 Ft. (16.76m)
BL-2-12-B	2	3	Lightning	Blue	100°	90 Ft. (27.4m) = 270 Mods	2.5" x 1.0" x 0.5"	63.5 x 25.4 x 12.7	1.08	2 Ft. (0.61m)	11 Ft. (3.35m)	10 Ft. (3.05m)	55 Ft. (16.76m)
PNT-3-12-W	3	3	Point	White	140°	90 Ft. (27.4m) = 270 Mods	2.63" x 0.77" x 0.33"	66.8 x 19.6 x 8.4	1.08	2 Ft. (0.61m)	11 Ft. (3.35m)	10 Ft. (3.05m)	55 Ft. (16.76m)
SVR-3-12-W	3	2	Saver	White	140°	111 Ft. (33.8m) = 222 Mods	3.63" x 0.77" x 0.33"	92.1 x 19.6 x 8.4	0.72	3 Ft. (0.91m)	16 Ft. (4.88m)	14 Ft. (4.27m)	83 Ft. (25.3m)

Tadpole Series	LED Per Module	Module Per Ft	Product Family	Color	Light Angle	Package Qty	Dimensions (LxWxH)	Dimensions (mm)	Power (W / Ft.)	Load 12W		Load 60W	
										Min.	Max.	Min.	Max.
TP-2-12-RX	2	4	Tadpole	Red	110°	78 Ft. (23.8m) = 312 Mods	1.0" x 0.5" x 0.375"	25.4 x 12.7 x 9.5	2.88	1 Ft. (0.3m)	4 Ft. (1.22m)	4 Ft. (1.22m)	20 Ft. (6.1m)
TP-2-12-O	2	4	Lightning	Orange	120°	78 Ft. (23.8m) = 312 Mods	1.0" x 0.5" x 0.375"	25.4 x 12.7 x 9.5	2.88	1 Ft. (0.3m)	4 Ft. (1.22m)	4 Ft. (1.22m)	20 Ft. (6.1m)
TPL-2-12-G	2	4	Lightning	Green	100°	78 Ft. (23.8m) = 312 Mods	1.0" x 0.5" x 0.375"	25.4 x 12.7 x 9.5	1.44	2 Ft. (0.61m)	8 Ft. (2.44m)	7 Ft. (2.13m)	41 Ft. (12.5m)
TPL-2-12-B	2	4	Lightning	Blue	100°	78 Ft. (23.8m) = 312 Mods	1.0" x 0.5" x 0.375"	25.4 x 12.7 x 9.5	1.44	2 Ft. (0.61m)	8 Ft. (2.44m)	7 Ft. (2.13m)	41 Ft. (12.5m)
P.TPL-2-12-W	2	4	Plus	White	140°	78 Ft. (23.8m) = 312 Mods	0.82" x 0.52" x 0.31"	20.8 x 13.1 x 7.9	1.44	2 Ft. (0.61m)	8 Ft. (2.44m)	7 Ft. (2.13m)	41 Ft. (12.5m)
P.TPL-2-12-7W	2	7	Plus	White	140°	78 Ft. (23.8m) = 546 Mods	0.82" x 0.52" x 0.31"	20.8 x 13.1 x 7.9	2.52	1 Ft. (0.3m)	4 Ft. (1.22m)	4 Ft. (1.22m)	23 Ft. (7.01m)

MegaWhite Series	LED Per Module	Module Per Ft	Product Family	Color	Light Angle	Package Qty	Dimensions (LxWxH)	Dimensions (mm)	Power (W / Mod)	Load 12W		Load 60W	
										Min.	Max.	Min.	Max.
P.MWL-12-12-W	12	1	Plus	White	180°	360 Mods	4.0" x 1.0" x 0.25"	101.6 x 25.4 x 6.35	1.20	2 Mods	10 Mods	9 Mods	50 Mods
		Mod / Ft							(W / Ft.)				
QZR-6-12-W	6	2	Quasar	White	140°	111 Ft. (33.8m) = 222 Mods	3.63" x 0.77" x 0.33"	92.1 x 19.6 x 8.4	1.44	2 Ft. (0.61m)	8 Ft. (2.44m)	7 Ft. (2.13m)	41 Ft. (12.5m)

Power Sources, Dimming & Wires

Power Sources	Description	Package Qty	Dimensions (LxWxH)	Dimensions (mm)	A@120V
PSA-12-12 (LED120A0012V10F)	12V 12W, 120V (± 10% Input) 60Hz	10	5.2" x 1.35" x 0.99"	132.0 x 34.29 x 25.0	0.11 A
PSA-12-60 (LED120A0012V50F)	12V 60W, 120V (± 10% Input) 60Hz	20	9.50" x 1.70" x 1.18"	241.0 x 43.0 x 30.0	0.53 A
PSA-12-60V (LEDINTA0012V50FO)	120V - 277V Variable	20	9.50" x 1.70" x 1.18"	241.0 x 43.0 x 30.0	0.53 A
PSA-347-120-200 (71A9862)	347V 200 Watt Step Down to 120V - 277V	20	2.18" x 3.19" x 2.7"	55.37 x 99.06 x 68.58	
Life Extender Box PS-1-Box	Power Source Enclosure	20	12.02" x 3.254" x 1.782"	305.3 x 82.65 x 45.26	

Dimming	Description	Package Qty
DCA-10-120 (913710830902M)	0-10 volt Dimming Controller 120W RoHS, Mark VII	1
WCL-10 (NTFTV)	Lutron Noval T Dimmer Wall Control	1

Wires	Description	Package Qty
RLSW-6-z*	6" wires with connectors	100
RLSW-12-z*	12" wires with connectors	100
RLSW-24-z*	24" wires with connectors	100
RLSW-36-z*	36" wires with connectors	50
RLSWB-100	100 Foot roll 18AWG Blue/Red wires	1
RLSWhip-5FT	5-Foot Jacketed Blue/Red wires with Quick Connect Tabs	1

*z: Negative = Blue, Positive = Red (Examples: RLSW-6-R or RLSW-6-B)

Specification Sheet
24 Volt Accent 2 LED Border Tube

Accent 2 Model #	Description	Dimensions (LxWxH)	Dimensions (mm)	Power	Load 80W Min - Max
ACA2-96-24-R	8' Standard Red Accent 2 Tube Assembled	96" x .94" x 1.57"	2438.40 x 23.87 x 39.87	1.965 Watts/ft	5.5 ft. (1.67m) - 35 ft. (12.19m)
ACA2-z-24-R*	96" - 3" (Increments of 3" nominal lengths)	z** x .94" x 1.57"	z** x 23.87 x 39.87	1.965 Watts/ft	5.5 ft. (1.67m) - 35 ft. (12.19m)
ACA2-96-24-O	8' Standard Orange Accent 2 Tube Assembled	96" x .94" x 1.57"	2438.40 x 23.87 x 39.87	1.965 Watts/ft	5.5 ft. (1.67m) - 35 ft. (12.19m)
ACA2-z-24-O*	96" - 3" (Increments of 3" nominal lengths)	z** x .94" x 1.57"	z** x 23.87 x 39.87	1.965 Watts/ft	5.5 ft. (1.67m) - 35 ft. (12.19m)
ACA2-96-24-Y	8' Standard Yellow Accent 2 Tube Assembled	96" x .94" x 1.57"	2438.40 x 23.87 x 39.87	1.965 Watts/ft	5.5 ft. (1.67m) - 35 ft. (12.19m)
ACA2-z-24-Y*	96" - 3" (Increments of 3" nominal lengths)	z** x .94" x 1.57"	z** x 23.87 x 39.87	1.965 Watts/ft	5.5 ft. (1.67m) - 35 ft. (12.19m)
ACA2-96-24-W	8' Standard White Accent 2 Tube Assembled	96" x .94" x 1.57"	2438.40 x 23.87 x 39.87	1.92 Watts/ft	5.5 ft. (1.66m) - 35 ft. (12.19m)
ACA2-z-24-W*	96" - 3" (Increments of 3" nominal lengths)	z** x .94" x 1.57"	z** x 23.87 x 39.87	1.92 Watts/ft	5.5 ft. (1.66m) - 35 ft. (12.19m)
ACA2-96-24-B	8' Standard Blue Accent 2 Tube Assembled	96" x .94" x 1.57"	2438.40 x 23.87 x 39.87	1.74 Watts/ft	6 ft.(1.83m) - 40 ft. (13.68m)
ACA2-z-24-B*	96" - 3" (Increments of 3" nominal lengths)	z** x .94" x 1.57"	z** x 23.87 x 39.87	1.74 Watts/ft	6 ft.(1.83m) - 40 ft. (13.68m)
ACA2-96-24-G	8' Standard Green Accent 2 Tube Assembled	96" x .94" x 1.57"	2438.40 x 23.87 x 39.87	1.74 Watts/ft	6 ft.(1.83m) - 40 ft. (13.68m)
ACA2-z-24-G*	96" - 3" (Increments of 3" nominal lengths)	z** x .94" x 1.57"	z** x 23.87 x 39.87	1.74 Watts/ft	6 ft.(1.83m) - 40 ft. (13.68m)

* Custom Length (3.5" - 93")

Power Source	Description	Dimensions (LxWxH)	Dimensions (mm)	Package Qty	A@120V*
PSA-24-80 (LED120A0024V33F)	24V 80W, 120V (± 10%) Input 60Hz	9.50" x 1.70" x 1.18"	241.0 x 43.0 x 30.0	20	0.6

Tube Length ~ Number of Clips

- Up to 20" ~ 2 Clips
- From 20" to 40" ~ 3 Clips
- From 40" to 60" ~ 4 Clips
- From 60" to 78" ~ 5 Clips
- From 78" to 96" ~ 6 Clips

Actual Tube Lengths			
96"	72"	48"	24.25"
93"	69"	45"	21.25"
90"	66"	42.125"	18.375"
87"	63"	39.125"	15.375"
84"	60"	36.125"	12.375"
81"	57"	33.25"	9.375"
78"	54"	30.25"	6.5"
75"	51"	27.25"	3.5"

Order Example: For Yellow 36" Tube ~ ACA2-36-24-Y
 (Note: This is in nominal length)