

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	2.5" x 0.75" x 0.25"	63.5 x 19.05 x 6.35	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. (33.83m) = 222 Mods	3.2" x 0.75" x 0.34"	81.28 x 19.05 x 8.66	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	180°	78 Ft. (23.8m) = 312 Mods	0.875" x 0.5" x 0.3125"	22.2 x 12.7 x 7.9	1.20	2 Ft. (0.61m)	10 Ft. (3.05m)	9 Ft. (2.74m)	50 Ft. (15.24m)
P TPL-2-12-7W	2	7	Plus	White	180°	78 Ft. (23.8m) = 546 Mods	0.875" x 0.5" x 0.3125"	22.2 x 12.7 x 7.9	2.10	1 Ft. (0.3m)	5 Ft. (1.52m)	5 Ft. (1.52m)	28 Ft. (8.53m)

MegaWhite 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.
P MWL-12-12-W	12	2	Plus	White	180°	180 Ft. (54.86m) = 360 Mods	4.0" x 1.0" x 0.25"	101.6 x 25.4 x 6.35	2.40	1 Ft. (0.3m)	5 Ft. (1.52m)	5 Ft. (1.52m)	25 Ft. (7.62m)
QZR-6-12-W	6	2	Quasar	White	140°	111 Ft. (33.83m) = 222 Mods	3.2" x 0.75" x 0.34"	81.28 x 19.05 x 8.66	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
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

A c t u a l	L e n g t h s				
		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)

