NLS LIGHTING

LIRA LIGHT COLUMN

The Lira Light Column RGBW LED color changing (via Wireless Remote Control) column luminaire blends beauty, design, color and expression into a single powerful luminaire. Color rotations are Red, Green, Blue, and White. Color temperatures for pure White are now available in Warm (3000K), Neutral (4000K) and Cool (5000K) lumens.

Enjoy creating various lighting effects for all different applications or can be continuous warm, neutral, or cool white for an even glow.

The standard heights of the Lira Light Column can range from 3 to 17 feet. Each column uses an acrylic lens, which is reinforced by integral tubing that creates a wireway for connection of top side and bottom side LEDs. Optional shields for lenses are available.

PROUDLY MADE IN THE U.S.A.

Project Name: | **Type:**

Cat#	Light Dist.	Wattage / Lens Ht.	Kelvin	Volts	Base Height	Mounting	Color	Options
Lira Light Column 6" OD **(LIR-6)**	Symmetric **(SYM)**	22W / 1' Lens **(22)**	3000K **(30K)** *Warm*	120-277 **(UNV)**	2' **(2)**	Anchor Base **(AB)**	Bronze Textured **(BRZ)**	Marine Grade Finish **(MGF)**
Lira Light Column 8" OD **(LIR-8)**		44W / 2' Lens **(44)**		347-480 **(HV)**	4' **(4)**		White Textured **(WHT)**	GFI Kit **(GFI)**
		66W / 3' Lens **(66)**	4000K **(40K)** *Neutral*		6' **(6)**		Smooth White Gloss **(SWT)**	Banner Arms **(BA)**
		88W / 4' Lens **(88)**	5000K **(50K)** *Cool*		7' **(7)**		Silver **(SVR)**	
		110W / 5' Lens **(110)**			8' **(8)**		Hunter Green **(HGN)**	
			RGBW **(RGB)❶**		10' **(10)**		Black Textured **(BLK)**	
					12' **(12)❷**		Smooth Black Gloss **(SBK)**	
							Graphite Textured **(GPH)**	
							Grey Textured **(GRY)**	
							Custom **(CS)**	

Notes:
❶ Standard RGBW is remote control operated, please contact factory for DMX/RDM application requests.
❷ LIR-8 Only

PRODUCT SPECIFICATIONS

ELECTRICAL
- 120-277 Volts (UNV) or 347-480 Volts (HV)
- 0-10V dimming driver
- Driver power factor at maximum load is ≥ .95, THD maximum load is 15%
- LED Drivers Ambient Temp. Min is -40°C and Ambient Temp. Max ranges from 50°C to 55°C and, in some cases, even higher. Consult the factory for revalidation by providing the fixture catalog string before quoting and specifying it.
- All internal wiring UL certified for 600 VAC and 105°C
- Color temperatures: 3000K, 4000K, 5000K, RGBW
- Surge Protection: 20KA supplied as standard.

CONSTRUCTION
• Extruded and Cast Aluminum

OPTIONS
• MARINE GRADE FINISH (MGF) - A multi-step process creating protective finishing coat against harsh environments. Chemically washed in a 5 stage cleaning system. Pre-baked, Powder coated 3-5 mils of Zinc Rich Super Durable Polyester Primer. Oven Baked. Finished Powder Coating of Super Durable Polyester Powder Coat 3-5 mil thickness.

• GFI KIT - Optional Ground Fault Circuit Interrupter device protects from receiving electric shocks from faults in electrical devices.

• BANNER ARMS - Banner Arms (BA) are constructed of 1" OD extruded aluminum pipe, extending 18", 24" or 36" in length..

FINISH
• 3-5 mils electrostatic powder coat.
• NLS Light's standard high-quality finishes prevent corrosion protects against and extreme environmental conditions

WARRANTY
Five-year limited warranty for drivers and LEDs.

LISTINGS
• Certified to UL 1598
• UL 8750
• CSA C22.2 No. 250.0

PRODUCT SPECIFICATIONS

LIRA LIGHT COLUMN - LUMEN DATA CHART

PART NUMBER	LUMENS	Lm/W	WATTS
LIR-X-SYM-22-30K	2860	130	22
LIR-X-SYM-22-40K	2948	134	22
LIR-X-SYM-22-50K	3036	138	22
LIR-X-SYM-22-RGB	2024	92	22
LIR-X-SYM-44-30K	5720	130	44
LIR-X-SYM-44-40K	5896	134	44
LIR-X-SYM-44-50K	6072	138	44
LIR-X-SYM-44-RGB	4048	92	44
LIR-X-SYM-66-30K	8580	130	66
LIR-X-SYM-66-40K	8844	134	66
LIR-X-SYM-66-50K	9108	138	66
LIR-X-SYM-66-RGB	6072	92	66
LIR-X-SYM-88-30K	11568	130	88
LIR-X-SYM-88-40K	11792	134	88
LIR-X-SYM-88-50K	12144	138	88
LIR-X-SYM-88-RGB	8096	92	88
LIR-X-SYM-110-30K	14300	130	110
LIR-X-SYM-110-40K	14740	134	110
LIR-X-SYM-110-50K	15180	138	110
LIR-X-SYM-110-RGB	10120	92	110

TOP CAP ALUM. 6061-T6
ALLOY BILLET MACHINED

ROUND WHITE ACRYLIC
.250 THICKNESS

C
(Lens Height)

A
(Overall Height)

EXTRUDED ALUM. 6061-T6
.125 THICKNESS

B
(Base Height)

3X5 HANDHOLE
REINFORCEMENT

ROUND BASE COVER

(4X) GALVANIZED
 ANCHOR BOLTS
ASTM1554 GRADE 36
*Consult factory for anchor bolt
size and template*
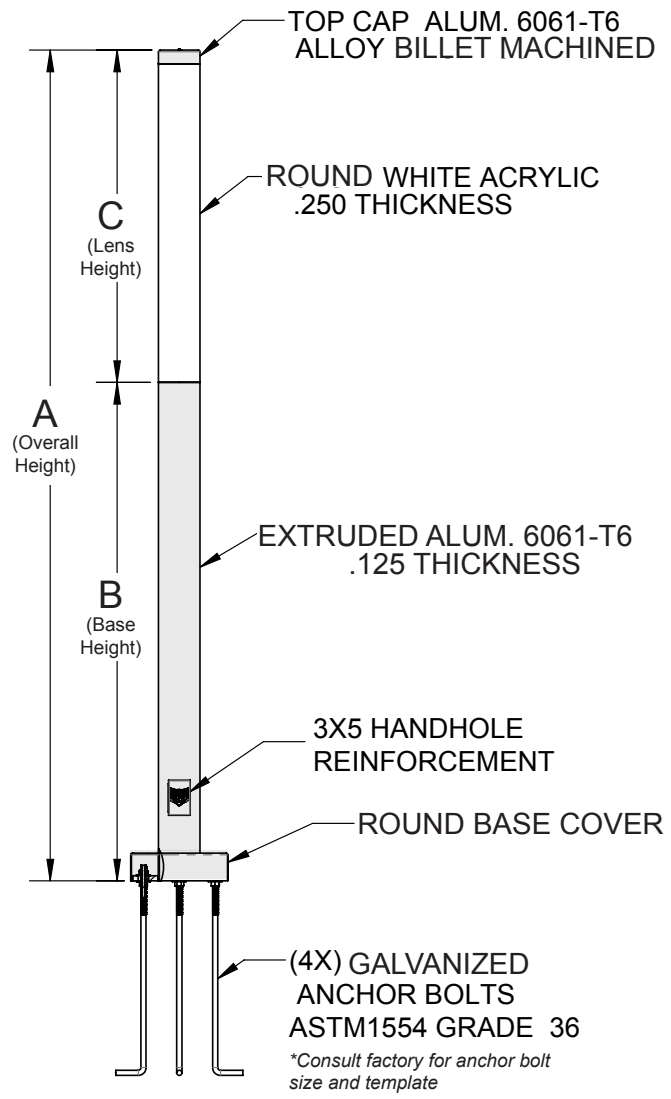
| DIMENSION	LIR-6	LIR-8
A	3-14 FT	3-17 FT
B	2-10 FT	2-12 FT
C	1-6 FT	1-5 FT

RGBW Remote Control: LDRF-RGB-MZ
MiBoxer 2.4 GHz Wi-Fi Multi Zone
*Color changing can only be done via remote
(reference installation instructions for pairing
guide)
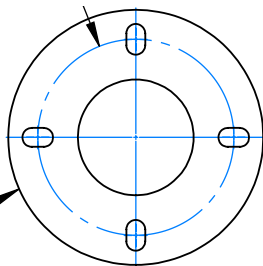
**BASE PLATE,
ALUM. 6061-T6 ALLOY**
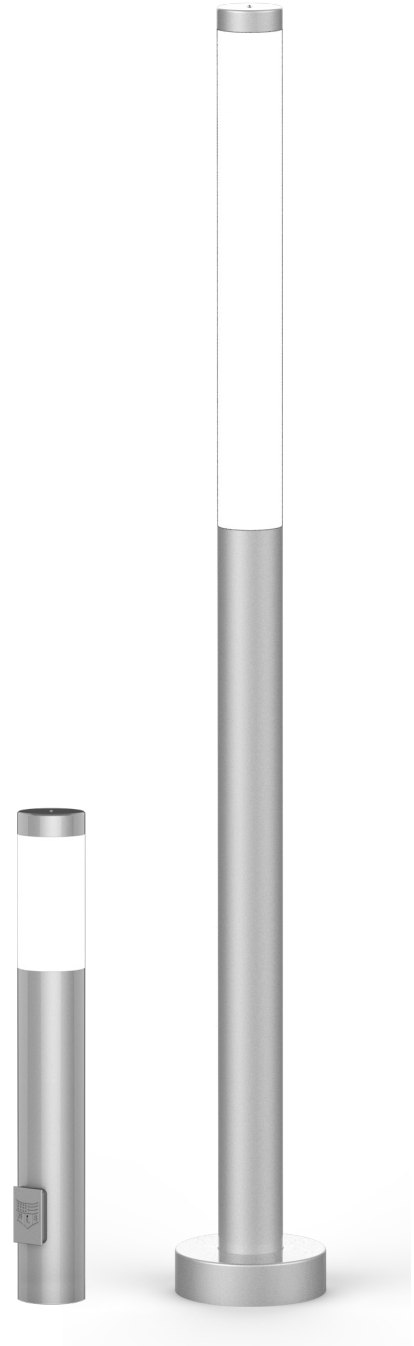
Lira is available as short as 3
feet and up to 17 feet tall

*Note: Lira Light Columns with
a base 3' and under will come
with an internal base plate which
will be secured with set screws.
Bases 4' and up will come with
an attached external base plate
and Round Base Cover*