100-277V | **LM79 LM80** | **IP65** | UL | (US flag)

PROJECT INFORMATION

Project Name

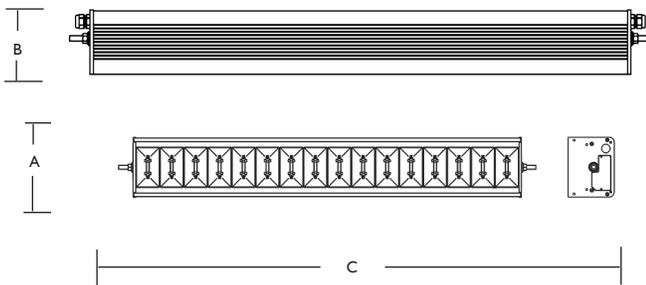Catalog No.   Date

DESCRIPTION

The ActiveLED® RGB-W Series, comes in 20", 30" and 40" RGBW Lighting to illuminate large areas or high buildings using the most efficient RGB lumen engines available. Designed to give a clean, even pattern of light over an extended outdoor area.

With nearly 1,000 sq. ft. of light coverage (Fixture mounted at 20'), the RGB-W Area Flood is an ideal choice for adding color lighting to monuments or building facades. This fixture also works well to light up a retail or commercial buildings while attached to poles in the parking area.

RGB-W40 with Knuckle Mount

DIMENSIONS

	A	B	C
	6.13"	4.69"	40.32"
	15.57cm	11.91cm	102.41cm

MOUNTING OPTIONS   Top View

The fixture can be supplied in two mounting configurations:

- Knuckle Mount
- Two sided Allthread (10 mm)

FEATURES

- ActiveREST™ Dimming Technology - Fixture may be automatically dimmed when full light levels are not required.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- LightSpace® Lighting Controls - Fixture is capable of being programmed and controlled either individually or as part of an EDSaP lighting zone.
- Each primary color (Red, Green and Blue) has 63 brightness levels that can be dimmed together using ActiveLED's LightSpace Manager dimmer controls.
- DMX-512 Option
- Battery Backup Option.
- Dusk/Dawn Sensor allows fixture to automatically turn on or off based on daylight detection.
- IR Receiver Plus Motion - Optional remote passive infrared (PIR) motion sensor with IR receiver for programmable Color and Light level programming.
- IR Receiver - Optional integral IR sensor for programming.
- 10 Year Warranty on LED elements, fixture housing and LED Driver.
- Network connectivity via LightSpace LSC devices.

LIGHT OUTPUT	WATTS	LUMENS per WATT	LIGHT COLOR (CCT)
15,000 lm	**102**w	**150** lm/W	**RGB-W**

ActiveLED®
Energy Efficient Lighting and Controls
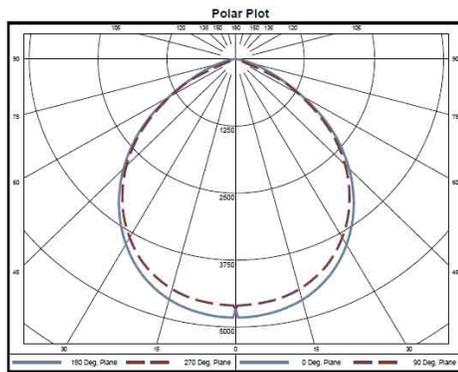
NOTE: Maximum Lumen output if all colors and white at full intensity. In scotopic spectrum, the one that really matters as far as human physiological perception is concerned, is 30,000 scotopic lumen.

PHOTOMETRICS

Polar Plot

| 180 Deg. Plane | 270 Deg. Plane | 0 Deg. Plane | 90 Deg. Plane |

PERFORMANCE DATA

AMBIENT TEMPERATURES	0 HOURS	45,000 HOURS	90,000 HOURS
77°F (25°C)	1.00	0.99	0.99
104°F (40°C)	1.00	0.98	0.96
131°F (55°C)	1.00	0.96	0.92
140°F (60°C)	1.00	0.95	0.90

Projected Lumen Maintenance (TM-21)
NOTE: Calculated using data collected according to LM-80 lumen maintenance on the LED package.

NOTE: Photometrics shown for FL40, 96W only. Contact company for photometrics on other sizes.

GENERAL SPECIFICATIONS

Input Voltage	Auto-sensing, 100-277 Volts AC, 50/60 Hz; Auto-sensing, 300-480 Volts AC, 50/60 Hz
Input Power	60, 80 or 104 Watts
Power Factor	> 0.95 (at ~100-277 Volts)
THD	Total Harmonic Distortion (THD) <20% (typical 9.9%)
Driver	Integral or remote driver with integrated intelligent controls and integral heat sink
Operating Temperature	-58° F to 149° F (-50° C to 65° C)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)

LED Optics	IP65 rated, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system
CCT (White Only)	4000K, or 5000K
Housing	Extruded aluminum for enclosure and heat sinking parts, stainless steel hardware
Finish	Powder coated after fabrication
Dimensions	6.13" Wide x 40.32" Long and 4.69" High (15.57cm x 102.41cm x 11.91cm)
Weight	22 pounds (10 kg)

WARRANTY

Ten (10) Year Warranty - LEDs, Fixture, and Driver shall conform to its published specifications under normal usage and operating conditions including "no light loss" of more than 10% at the end of the period. LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation. Extended 2 year warranty available when fixture is used in conjunction with an ActiveLED Surge Protection Device (SPD). See "Limited Warranty for Ringdale Industries and ActiveLED Lighting Products" for more information.

LISTINGS AND TESTS

cUL listed driver, UL 1598, CE, suitable for exterior locations. RoHS compliant. IP65 Rated optical assembly. LM-79 and LM-80 info available. Conforms to FCC Part 15.19 Subpart B Class A. Made in USA - ARRA Compliant.

ORDERING INFORMATION

Example: FL40U-AT-JF5096SL-B

| | | | J | | | | | | |

Style	Voltage	Mount	Optics	Diffuser	CCT-White[3]	Watts	Color	Options
RGBW24 24" Flood Light 55W Max	**U** 100-277 VAC, 50/60 Hz.	**AT** All Thread Mounting	**L** 60°	**F** Clear Low FE Diffuser	**50** 5,000K	**60** 60W Max (9,000 lm)	**SL** Silver	**C** EDSaP Management
RGBW30 30" Flood Light 80W Max	**N** None[1]	**1K** Knuckle one Side	**S** 90°	**C** High Impact Diffuser	**40** 4,000K	**80** 80W Max (12,000 lm)	**BK** Black	**D** Dusk-to-Dawn
RGBW40 40" Flood Light 102W Max	**E** 45/48 VDC Driver [2]					**100** 104W Max (15,000 lm) lumen at 5,000K	**BR** Brown	**F** Dusk-to-Dawn w/ EDSaP Management
							BZ Bronze	**R** IR Receiver Only, Programmable[3]
							CG Charcoal	**DMX** DMX512 IN/OUT
							WH White	
							X Custom	

[1] Requires remote driver. Consult factory.
[2] For Low Voltage, Battery Powered or Solar Applications.
[3] Applies to the White LED only.