

# RQB Series 42cm x 42cm Impact Resistant

RECESSED MOUNT LIGHTING

**100-277V**

**LM79  
LM80**



## PROJECT INFORMATION

Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_

## DESCRIPTION

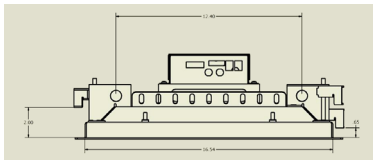
The ActiveLED® RQB Series 42cm x 42cm (+/-1cm) Recessed Racquet Ball Light is designed to give a clean, even pattern of light in any indoor court. Made of aircraft grade aluminum and the highest quality LEDs, this fixture is designed to last for more than a decade with no more changing of lamps or ballasts.

Applications include: Racquet Ball, Squash and other high abuse applications.

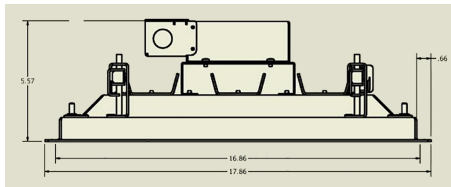


RQB 44cm x 44cm Flanged

## DIMENSIONS



Clamping of 0.65" ... 2" rigid ceiling.



A	B	C
17.86" (45.5cm)	17.86" (45.5cm)	5.57" (14cm)

Opening in Ceiling

42.3cm x 42.3cm minimum  
44cm x 44cm maximum

## FEATURES

- ActiveREST™ Dimming Technology - Fixture may be (optionally) automatically dimmed when full light levels are not required.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- LUM-INTENSE™ - LED lighting luminaire technology that combines recent advancements in LED Modules, Drivers and Optics to deliver more Lumens per Watt in a smaller package.
- LightSpace® Lighting Controls - Fixture is capable of being programmed and controlled either individually or as part of a lighting zone via remote sensors, switches or building management system (BMS).
- Battery Backup Enabled - This option provides 48V DC support for an Emergency Battery Backup Unit (BBU sold separately) creating an Emergency LED Light Fixture.
- Surge Protection - Fixture has built-in surge protection, or in the case where the driver is located remotely, the surge protector is sold with the remote surge protector.
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver. See page 2 for additional warranty information.



LIGHT OUTPUT

**11,500** lm

WATTS

**72**W

LUMENS per WATT

**160** lm/W

LIGHT COLOR (CCT)

**5000** K

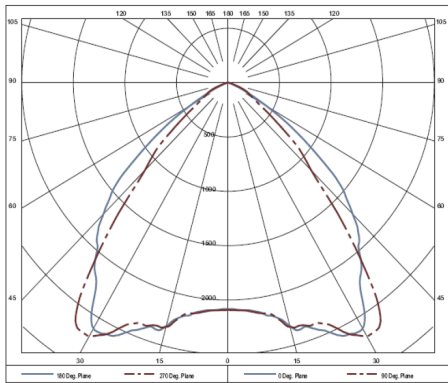
NOTE: Lighting Facts shown for OL2, 48W only.

For more Lighting Facts, visit [lightingfacts.com](http://lightingfacts.com) for the Label and Label Reference Guide.

**ActiveLED®**  
Energy Efficient Lighting and Controls



## PHOTOMETRICS



Test #LTL 19544

## 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 OL2 Series, 24W only. Contact company for photometrics on other sizes.

## GENERAL SPECIFICATIONS

Input Voltage	Auto-sensing, 100-277 Volts AC, 50/60 Hz;	LED Optics	IP51 rated, heat sink, thermally bonded LEDs., and patented thermal management mounting system
Input Power	72 or 88 Watt	CCT	4000K or 5000K (specify with order)
Power Factor	> 0.97 (at ~100-277 Volts)	Housing	Fabricated aluminum .092 thickness for heat sinking parts and structure, stainless steel hardware
THD	Total Harmonic Distortion (THD) <20% (typical 9.9%)	Finish	Powder coated after fabrication
Driver	Integral driver with aluminum housing, integrated intelligent controls and integral heat sink	Dimensions	Requires 43cm x 43cm opening in ceiling Actual Fixture Size with flange 45.5cm x 45.5cm x 14cm, Flange 1.6cm
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Weight	5kg (11 pounds)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)		

## 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.

## LISTINGS AND TESTS

cUL listed driver, CE, suitable for exterior locations. RoHS compliant. IP51 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: RQB-U-RTF-P-5072WH

Style	Voltage	Mount	Diffuser	CCT	Watts	Color	Options
<b>RQB</b> 42cm X 42cm	<b>U</b> - 100-277 VAC, 50/60 Hz. <b>UE</b> - 100-277 VAC, 50/60 Hz Auto Sensing, Emergency Battery Back-up <b>N</b> - None <sup>1</sup> <b>E</b> - 45/48 VDC Driver <sup>2</sup>	<b>RT</b> Recessed Mount <b>RTF</b> Recessed Flange Mount <b>RTP</b> Recessed Plenum Mount	<b>P</b> Polycarbonate 1/4 inch clear Diffuser	<b>50</b> 5,000K <b>40</b> 4,000K	<b>72</b> 72W Max (11,500 Lumen) <b>88</b> 88W Max (14,000 Lumen) Lumens at 5,000K	<b>WH</b> White (Default)	<b>B</b> Battery Backup Enabled <b>P</b> Pigtail, 6' AC Whip

<sup>1</sup> Requires remote driver. Consult factory.

<sup>2</sup> No AC Support.