

ActiveLED Bega FS Type

RETROFIT SERIES

100-277V

**LM79
LM80**

IP66



PROJECT INFORMATION

Project Name _____

Catalog No. _____

Date _____

DESCRIPTION

The U.S.-manufactured ActiveLED® Bega Retrofit is an innovative, self-contained LED light engine designed to easily replace the inefficient, high-wattage light lamp assembly in most Bega FS wall-mount fixtures, providing energy savings of 50-80 percent.

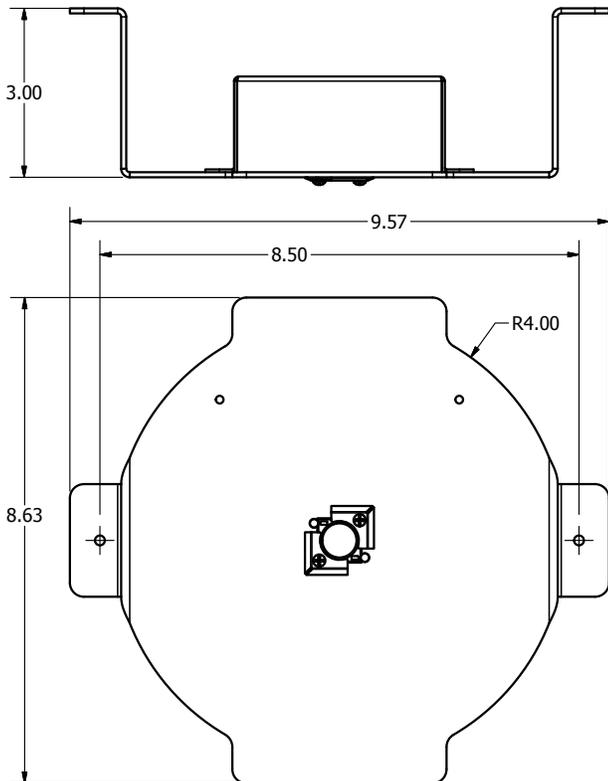
The existing lamps can be retrofitted with the low-wattage ActiveLED BegaRetrofit engine and the Bega fixtures still have the same aesthetically-pleasing characteristics. The only noticeable difference in its outward appearance is a better quality of light, which improves the safety value of its surroundings.

Applications include: Commercial offices, hospitals, libraries, municipalities, universities and colleges



ActiveLED Bega Retrofit

DIMENSIONS



FEATURES

- ActiveLED® Bega LED Retrofit for “Bega FS Type” Wall-Mount Luminaires - 20 Watt ActiveLED retrofit replaces up to 100 Watt Incandescent or 60 Watt Compact Fluorescent Lamp.
- Significant Energy Savings (50-85%) and very low maintenance costs compared to conventional high wattage and inefficient lamps
- 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.
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver.



LIGHT OUTPUT

1800 lm

WATTS

20W

LUMENS per WATT

90 lm/W

LIGHT COLOR (CCT)

5000 K

ActiveLED®
Energy Efficient Lighting and Controls



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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.

GENERAL SPECIFICATIONS

Input Voltage	Universal Voltage Driver	LED Optics	IP66 rated, thermally bonded LEDs, borosilicate glass lens w/ silicone sealing. Patented thermal management mounting system
Input Power	18 and 20 Input Watts		
Power Factor	> 0.95 (at ~100-277 Volts)	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
THD	Total Harmonic Distortion (THD) <20% (typical 9.9%)	Housing	Aluminum for enclosure and heat sinking parts, stainless steel hardware
Driver	Remote	Finish	Powder coated after fabrication
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Dimensions	9.57" (W) x 8.63" (H) x 3.0" (L) (24.30 x 21.92 x 7.62 cm)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)	Weight	2.2 lbs (1.0kg)

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

UL listed driver, CE, suitable for exterior locations. RoHS compliant. IP66 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: AFIT-C3V-N50R18NWH

AFIT	C3	V	N		R18	N	
Style	Model	Voltage	Diffuser	CCT	Watts	Direction	Color
AFIT	C3	V	N	50	R18	N	WH
ActiveLED Retrofit	Bega FS	Universal Voltage Unmanaged	No Diffuser	5,000K	18W LED, 20W Max	Not Applicable	White
				40			X
				4,000K			Custom
				35			
				3,500K			
				30			
				3,000K			
				27			
				2,700K			