



K367 BAYSHORE™ - LED

Similar in appearance to the K366 Harbor Side, the K367 Bayshore™ luminaire has a triple layer decorative shroud designed to add style and function to marinas, pathways, and waterfronts.



PROJECT: _____

PREPARED BY: _____

DATE: _____

PRODUCT SPECIFICATIONS

LED ENGINE

The light engine shall be an array of 4 or 6 Cree Chip On Board (COB) diodes mounted to a highly conductive aluminum extrusion with the use of 2 electrical connectors. The aluminum extrusion will be mechanically attached to a thermal heat sink at both the top and bottom of the aluminum extrusion. It shall remain in thermal contact to the heat sinks with the use of conductive silicone. There will be an aluminum upright reflector in both Type IV & Type V IESNA distribution patterns.

LENS

The K367 Bayshore™ has an acrylic lens with a minimum body thickness of 0.25". The lens is secured by means of a cast A319 aluminum holding ring. The lens is sealed by means of a continuous neoprene gasket applied to the lens frame to provide an IP66 ingress protection rating.

DECORATIVE BODY

The luminaire shall consist of a heavy Grade A319 cast aluminum housing that acts as the enclosure for the engine and is of adequate thickness to give structural rigidity. The engine must be affixed to the inside of the housing with stainless steel screws.

DRIVER

CSA certified and/or UL listed, electronic programmable, Constant Light Output (CLO) driver with a 0-10V dimming lead. Driver shall supply correct DC voltage and current to maintain proper operation of the emitters. The driver shall be UL1310/UL48 Class 1 certified, and contain over-circuit, over-voltage, and over-power protection. Each LED system comes with a standard surge protection designed to withstand up to 20kV/10kA of transient line surge as per IEEE C62.41.2 C High. An in-line ferrite choke is utilized to provide protection against EFT's. The multi-volt driver shall be capable

to connect to AC input voltages of 120V, 240V and 277V. Limited wattage options are available for 347-480V. The driver shall have an operating case temperature of -40°C to 60°C and the driver casing shall have a minimum ingress protection rating of IP67.

PHOTOMETRICS

Fixtures are tested to IESNA LM79 specifications. These reports are available upon request.

CHROMATICITY

High output COB LEDs come standard at 3000K & 4000K (+/-300K) with a minimum nominal 70 CRI. Additional CCT emitters are available upon request.

LUMEN MAINTENANCE

Reported (TM21) and Calculated (L70) reports are available upon request with a minimum calculated value of 100,000 hrs.

WIRING

All internal wiring and connections shall be completed so that it will be necessary only to attach the incoming supply connectors to Mate-N-Lok connectors or to a terminal block. Mate-N-Lok shall be certified for 600V operation. Internal wire connectors shall be crimp connector only and rated at 1000V and 150°C. All wiring to be CSA certified and/or UL listed, type SFF-2, SEWF-2, or SEW-2 No. 14 gauge, 150°C, 600V, and color coded for the required voltage.

THERMALS

Fixtures tested by a DOE sanctioned test facility to determine the maximum in-situ solder-point or junction-point temperatures of the LED emitters. This report is available upon request.

FINISH

Housing is finished with a 13 step KingCoat™ SuperDurable polyester TGIC powder coat. Standard colors include strobe white, brown metal, marina blue, gate

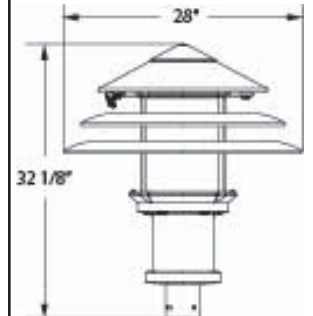
gray, Chicago bronze, standard gold, standard black, federal green and rain forest. Please see our website for a complete list of colors. Additional RAL or custom color matches are available.

MISCELLANEOUS

All exterior hardware and fasteners, wholly or partly exposed, shall be stainless steel alloy. All internal fasteners are stainless steel or zinc coated steel. All remaining internal hardware is stainless steel, aluminum alloy, or zinc coated steel.

WARRANTY

The K367 Bayshore™ LED luminaire comes with a 7 year limited warranty.



CERTIFICATION:

CSA US Listed
Suitable for wet locations
ISO 9001
IP66
ARRA Compliant
LM79 / LM80 Compliant

DRIVER INFO:

>0.9 Power Factor
<20% Total Harmonic Distortion
120V - 277V or 347 - 480V
-40°C Min. Case Temperature
60°C Max. Case Temperature
Surge Protection: ANSI 136.2
extreme level 20 kV/10 kA

EPA:

TBD sq. ft.

FIXTURE WEIGHT:

TBD lbs





Test Voltage: 120V
 Nominal Color Temperature: 3000 & 4000K¹
 4004 Engine Series: 4 COB Emitters (Type IV)
 4006 Engine Series: 6 COB Emitters (Type V)
 LED Engine + Driver Rated Life = 100,000 hrs²

To learn more about the T1 Optic, please see the T1 Optic Information Sheet

Photometric Test Report Number	Decorative Option	Color Temperature	IES Distribution	Nominal Watts	Engine Series	Delivered Lumens ³	Efficacy (LM/W) ³	mA @ Emitter	Driver Output Current	BUG Rating	HID Equivalent ⁴
In Testing	N/A	3000	Type IV	40	4004	N/A	N/A	N/A	N/A	N/A	50-70
In Testing	N/A	4000	Type IV	40	4004	N/A	N/A	N/A	N/A	N/A	50-70
In Testing	N/A	3000	Type V	40	4006	N/A	N/A	N/A	N/A	N/A	50-70
In Testing	N/A	4000	Type V	40	4006	N/A	N/A	N/A	N/A	N/A	50-70
In Testing	N/A	3000	Type IV	60	4004	N/A	N/A	400	400	N/A	70-100
In Testing	N/A	4000	Type IV	60	4004	N/A	N/A	400	400	N/A	70-100
In Testing	N/A	3000	Type V	60	4006	N/A	N/A	275	550	N/A	70-100
In Testing	N/A	4000	Type V	60	4006	N/A	N/A	275	550	N/A	70-100
In Testing	N/A	3000	Type IV	75	4004	N/A	N/A	500	500	N/A	100-150
0367TT1AC4X07540XXQ	N/A	4000	Type IV	75	4004	3047	41	500	500	1-3-3	100-150
In Testing	N/A	3000	Type V	75	4006	N/A	N/A	340	680	N/A	100-150
In Testing	N/A	4000	Type V	75	4006	N/A	N/A	340	680	N/A	100-150
In Testing	N/A	3000	Type IV	100	4004	N/A	N/A	620	620	N/A	150-250
In Testing	N/A	4000	Type IV	100	4004	N/A	N/A	620	620	N/A	150-250
In Testing	N/A	3000	Type V	100	4006	N/A	N/A	430	860	N/A	150-250
In Testing	N/A	4000	Type V	100	4006	N/A	N/A	430	860	N/A	150-250

¹Color temperature is nominal, please see test report for specific chromaticity information

²Contact factory for TM21 information

³Due to the continuous advancements in LED technology, luminaire delivered lumen and efficacy is subject to change without notice at the discretion of King Luminaire

⁴Equivalence should always be confirmed by performing a photometric layout, due to the variability of performance requirements and application criteria

HOW TO ORDER

