



K330 VERSAILLES - LED

The K330 Versailles fixture maintains the sleek look of early luminaires that were installed in many locations throughout North America. Add to the continuity of your space with a matching pendant to light pathways and roadways alike.



PROJECT: _____

PREPARED BY: _____

DATE: _____

PRODUCT SPECIFICATIONS

LED ENGINE

Light engine shall include an array of 30 solid state Cree X-Series high power LEDs (light emitting diodes). The emitters shall be mounted to a metal core circuit board using SMT technology. The LEDs and circuit boards shall then be mounted to a high performance heat sink which is vented to the outside ambient air to provide dynamic airflow for cooling the system.

OPTICS

External light control shall consist of high precision refractive lenses mounted above the LED emitter arrays in such a way to achieve optimum uplight control. The lenses shall also control horizontal light distribution so that Type II, III, IV or V IESNA distribution patterns are achieved.

LENS

The K330 Versailles is available with an acrylic or polycarbonate lens that shall maintain a minimum thickness of 0.15". The lens is secured by means of a cast aluminum holding ring that is gasketed to provide an IP66 ingress 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.

With the K330 Versailles post top fixture, the housing is attached to the cast aluminum capital with two aluminum struts. The capital shall have an opening at the base tenon body to allow the luminaire to be mounted to a tenon of 3" maximum diameter. The luminaire shall be locked in place by means of heavy duty, stainless steel set-screws.

The K330 Versailles pendant has a similar construction to the post top fixture with the exception of a 1-1/4" NPT hole in the lid for the levelling device and a decorative end cap that is welded to the tenon adaptor.

PLUMBIZER

The K330 Versailles comes with

multiple mounting options including the KPL10, KPL11, KPL20, KPL21, KPL30, KPL31 and KPL40. Please contact King Luminaire for more details and specifications.

DRIVER

The LED universal dimmable driver will be class 2 and capable of 120 - 277V or 347 - 480V input voltage, greater than 0.9 power factor, less than 20% total harmonic distortion. The case temperature of the driver can range from -40°C up to 70°C. 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 driver assembly will be mounted on a heavy duty fabricated galvanized steel bracket to allow complete tool-less maintenance.

PHOTOMETRICS

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

CHROMATICITY

High output LED 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 to DOE sanctioned standards to determine the maxi-

mum in-situ solder-point or junction-point temperatures of the LED emitters. This report is available upon request.

FINISH

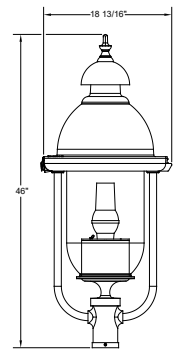
Housing is finished with a 13 step KingCoat™ SuperDurable polyester TGIC powder coat. Standard colors include strobe white, brown metal, marina blue, gate gray, Chicago bronze, standard gold, standard black, federal green and rain forest. Please see our website for a complete list of colors. RAL and 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 K330 Versailles 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
120 - 277V & 347 - 480V
-40°C Min. Case Temperature
70°C Max. Case Temperature
Surge Protection: ANSI 136.2
extreme level 20 kV/10 kA

EPA:

1.49 sq. ft.

FIXTURE WEIGHT:

50 lbs





Test Voltage: 120V
Nominal Color Temperature: 3000K & 4000K¹
7030 Engine Series: 30 Emitters (40 - 100W Max)
LED Engine + Driver Rated Life = 100,000 hrs²

To learn more about the P4 Optic, please see the P4 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
Post Top	In Testing	N/A	3000	Type III	40	7030	N/A	N/A	400	2000	N/A	50-70
	0330TP4AC3X04040XXA	N/A	4000	Type III	40	7030	3727	85.5	400	2000	-	50-70
	In Testing	N/A	3000	Type V	40	7030	N/A	N/A	400	2000	N/A	50-70
	0330TP4AC5X04040XXA	N/A	4000	Type V	40	7030	3609	87.0	400	2000	-	50-70
	In Testing	N/A	3000	Type III	60	7030	N/A	N/A	600	3000	N/A	70-100
	0330TP4AC3X06040XXA	N/A	4000	Type III	60	7030	5091	78.4	600	3000	-	70-100
	In Testing	N/A	3000	Type V	60	7030	N/A	N/A	600	3000	N/A	70-100
	0330TP4AC5X06040XXA	N/A	4000	Type V	60	7030	4952	80.7	600	3000	-	70-100
	In Testing	N/A	3000	Type III	75	7030	N/A	N/A	800	4000	N/A	100-150
	0330TP4AC3X07540XXA	N/A	4000	Type III	75	7030	5850	74.1	800	4000	-	100-150
	In Testing	N/A	3000	Type V	75	7030	N/A	N/A	800	4000	N/A	100-150
	0330TP4AC5X07540XXA	N/A	4000	Type V	75	7030	5934	78.7	800	4000	-	100-150
Pendant	In Testing	N/A	3000	Type III	100	7030	N/A	N/A	960	4800	N/A	150-200
	0330TP4AC3X10040XXA	N/A	4000	Type III	100	7030	6905	71.0	960	4800	-	150-200
	In Testing	N/A	3000	Type V	100	7030	N/A	N/A	960	4800	N/A	150-200
	0330TP4AC5X10040XXA	N/A	4000	Type V	100	7030	6775	69.4	960	4800	-	150-200
	In Testing	N/A	4000	Type III	40	7030	N/A	N/A	400	2000	N/A	50 - 70
	0330PP4AC3X06040XXA	N/A	4000	Type III	60	7030	5523	91.6	600	3000	1-3-1	70 - 100
0330PP4AC3X07540XXA	N/A	4000	Type III	75	7030	6429	87.1	800	4000	2-3-2	100 - 150	
In Testing	N/A	4000	Type III	100	7030	N/A	N/A	960	4800	N/A	150 - 200	

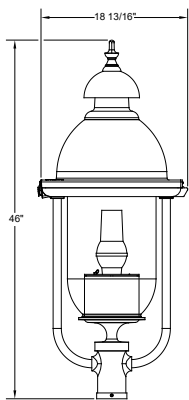
¹Color temperature is nominal, please see test report for specific chromaticity information

²Contact factory for TM21 information

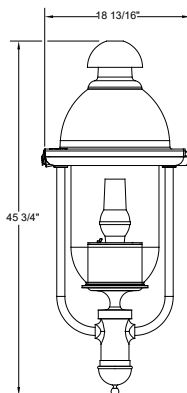
³Due to the continuous advancements in LED technology, luminaire delivered lumen and efficacy is subject to change without notice at the discretion of King Luminaire

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

FIXTURE FORMATS



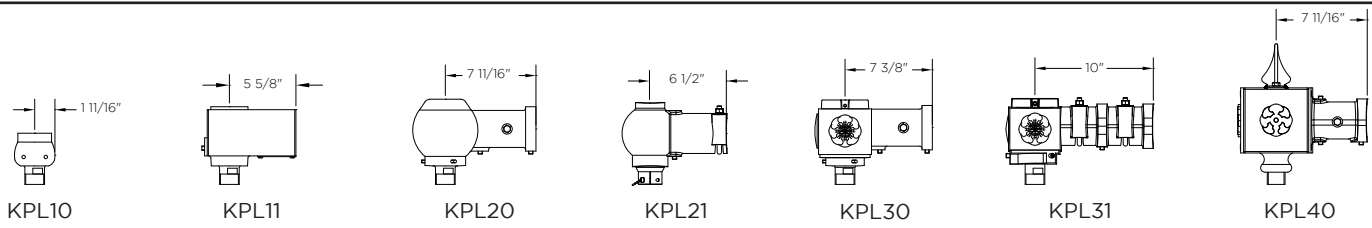
Post Top



Pendant

PLUMBIZER/MOUNTING OPTIONS

K330 VERSAILLES - LED



HOW TO ORDER

