

## The Kensington lantern



*Left: Kensington with spikes and with transparent panel top.*

*Right: Without spikes and without transparent panel top.*

**UL AND CSA LISTED FOR WET LOCATIONS.  
EVERY FIXTURE IS FACTORY TESTED.**

**HOUSING** – Heavy-duty cast aluminum

**LENS** – Eight (8) separate high impact resistant tempered glass lenses, available clear or obscure; please see the Lens table.

**SPIKES** – The Kensington is available with spikes above and below each lens, as shown above left. The central finial is always present. Please see the Spikes table.

**ELECTRICAL COMPONENTS** – All ballasts are CWA/HPF regulating auto-transformers, available in HPS and MH. Starting temperature for HPS is -40°F, and MH starts at -20°F. Maximum wattage is 250W with solid top and 175W with transparent panel top.

**OPTICS** – Available with borosilicate glass refractor in Type III or Type V, or without refractor; please see the Refractor table.

**TRANSPARENT PANEL TOP** – The Kensington is available with a transparent panel top, consisting of eight triangular glass

lenses; please see the Top table. Maximum wattage with the transparent panel top is 175W. (HID) 120W. (LED)

**SOCKET** – Glazed porcelain, medium or mogul base, rated to 600V.

**HOLDER** – Cast aluminum.

**POLE** – Poles mount on four anchor bolts. Please specify height; see the Pole Height table. Aluminum poles may be round tapered fluted, round tapered non-fluted, round straight fluted, or round straight non-fluted. Also available are round, straight, non-fluted steel poles with decorative two-piece decorative base acting as the base cover. Fixtures may be ordered without poles.

**POLE OPTIONS** – Poles are available with or without decorative anchor base; please see the Pole Options table.

**FINISH** – Fixtures and poles are finished in thermoset polyester oven-baked powder coat, in any standard Bieber Illumination Group Custom colors are available to your specifications; consult factory.

### LED Components:

EncapLED, an IP66-rated and DLC listed LED module, combines optics and heat sink into one configurable unit which give precise light distribution. It allows us to do 10w., 30w. & 40w. increment adjustment on light output. The module has 115lm/W efficacy with LUXEON LUMILEDS TX CHIPS. Beside maximizing heat dissipation surface, we also utilize convection-based heat management which creates additional air flow around each chip. Unlike a big metal heat sink, where the temperature for the chips in the middle is higher than the rest, the heat of each EncapLED chip gets dissipated evenly. A better heat dissipation design keeps the junction temperature low and ultimately prolongs the life of the LED chips. Our modules are available in any of our fixtures designs, as well as in a simple retro-fit kit form for existing fixtures.



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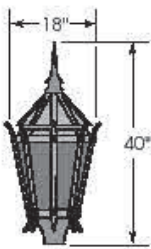
	1	2	3	4	5	6	7
FIXTURE	SIZE	SOURCE	VOLTAGE	LAMP	REFRACTOR	MOUNT	SPIKES
KEN	40	N2	4	L	0	I	1








  

8	9	10	11	12	13	14	15
LENS	TOP	COLOR	FIXTURE OPTIONS	POLE	POLE OPTIONS	POLE HEIGHT	POLE STYLE
CL	2	BK	MT	P	DEC	22	RTFA

Create a catalog number from the tables below and on the following page.

Example number: KEN – 40 – N2 – 4 – L – 0 – I – 1 – CL – 2 – BK – MT – P – DEC – 22 – RTFA

1 SIZE	2 SOURCE	3 VOLTAGE	4 LAMP																					
<p>Size = 10</p>  <p>Maximum wattage is 250W except with transparent panel top (maximum 175 watts) 120w. in LED</p>	<table><thead><tr><th></th><th>HPS</th><th>MH</th></tr></thead><tbody><tr><td>50W</td><td>C1</td><td>C2</td></tr><tr><td>70W</td><td>E1</td><td>E2</td></tr><tr><td>100W</td><td>H1</td><td>H2</td></tr><tr><td>150W</td><td>J1</td><td>J2</td></tr><tr><td>175W</td><td>*</td><td>K2</td></tr><tr><td>250W</td><td>N1</td><td>N2</td></tr></tbody></table> <p>LED available up to 120w. max. -110 lpw</p>		HPS	MH	50W	C1	C2	70W	E1	E2	100W	H1	H2	150W	J1	J2	175W	*	K2	250W	N1	N2	<p>120V = 2 208V = 0 240V = 4 277V = 7</p> <p>Also available in Multi-Tap – see Options table</p> <p>480V = 8 Not available in Multi-Tap</p>	<p>L = with lamp N = no lamp</p> <p>For LED, specify the color temperature in kelvin: 2700, 3000, 4000 or 5000K</p>
	HPS	MH																						
50W	C1	C2																						
70W	E1	E2																						
100W	H1	H2																						
150W	J1	J2																						
175W	*	K2																						
250W	N1	N2																						
			<p><b>5 REFRACTOR</b></p> <p>0 = no refractor 3 = Type III refractor 5 = Type V refractor</p>																					

6 MOUNTING ARRANGEMENT	7 SPIKES	8 LENS
<p>A = </p> <p>B = </p> <p>C = </p> <p>D = </p> <p>J = </p> <p>F = </p> <p>G =  (wall mount)</p> <p>I = Other (consult factory)</p> <p>T = Other (consult factory)</p>	<p>0 = no spikes 1 = with spikes</p>	<p>CL = clear tempered glass OL = obscure tempered glass</p>

9 TOP	10 COLOR	11 FIXTURE OPTIONS
<p>1 = solid top (see right photo on first page)</p> <p>2 = transparent panels (see left photo on first page)</p>	<p>BK = Black GR = Green WH = White DB = Dark Bronze SL = Silver</p> <p>GY = Gray BU = Blue VP = Verde Patina CC = Custom Color</p>	<p>SF = single in-line fuse DF = double in-line fuse MT = multi-tap transformer FV = international ballast; specify cycles</p>

\* For more detailed information on mounting arrangements, and for wall mount, please see Pole/Arm section of catalog. For pole ordering information, please see Pole/Arm Section of catalog. If poles are not ordered along with fixtures, please specify mounting requirements when ordering fixtures. This document contains proprietary information of the Bieber Illumination Group and is transmitted in confidence. Any reproduction, disclosure or use of this document is expressly prohibited except as Bieber Illumination Group may agree in writing. Because of ongoing product refinement, Bieber Illumination Group reserves the right to change specifications without notice. For customized requirements, please consult factory.