

# Kingspan Smart-Lite Kite 18K and 27K Data Sheet

Intelligent LED Lighting Solutions



# Application

The Kingspan Smart-Lite Kite is an aesthetically pleasing luminaire, designed to complement the ZEL (Zero Energy Lighting) initiative championed by Kingspan. It is lightweight and has a slim profile, making it a logical choice for projects requiring unobtrusive lighting.

## Features & Benefits

- IP65 protection – with an external IP66 driver providing improved heat diffusion
- Maintenance hours : L70B50 over 100,000 hours
- Premium quality optics providing wide and narrow beam options
- Intelligent sensor ramps up and ramps down depending on the ambient light
- Flexible programming: Unit comes pre-programmed, however is also supplied with a remote control for re-programming where required.
- Made from die-cast aluminium with an easy clean thermo paint coating
- Interchangeable light engines for easy maintenance
- Adjustable suspension wire (standard mounting kit)
- Sensor operational up to 65 feet (20m) high
- 10 year warranty

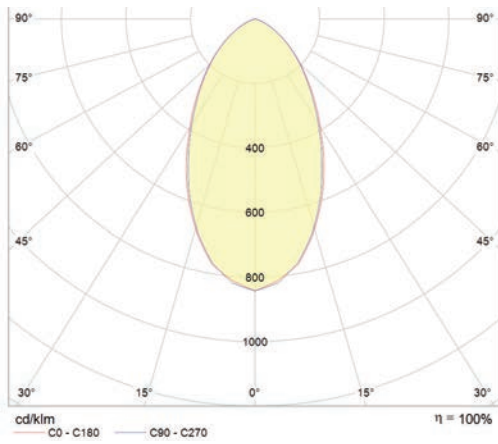
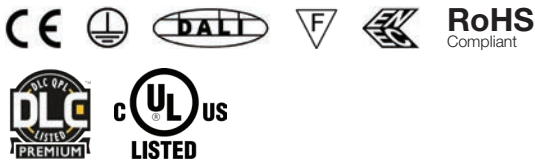


## Dimensions, Weight and Performance

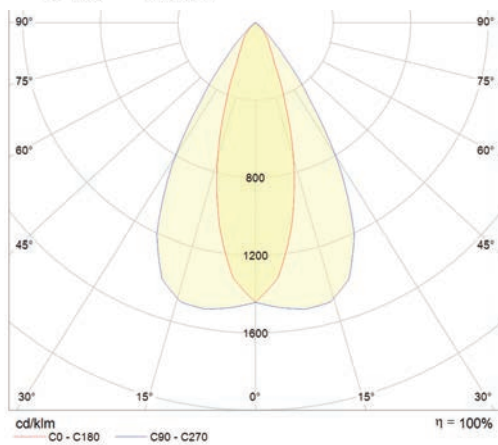
Product Reference	Dimensions Length x Width (in)	Weight (lbs)	Lumen Maintenance (hrs)	Power (w)	Luminous Flux (lm)	Luminous Efficacy (lm/w)
Kingspan Smart-Lite Kite 18K	14 3/4 x 17 1/4	14.1	100,000	126	17,301	137.3
Kingspan Smart-Lite Kite 27K	22 3/8 x 17 1/4	21.2	100,000	190	26,027	136.9

# Technical Specifications

Color Temperature (K)	4000, 5000
Chromaticity Tolerance	SDCM <3
CRI (Ra)	90
Glare (UGR)	<22
Ingress Protection	IP65
Impact Protection	IK08
Operating Temperature (°F)	-40 to +122
Beam Angle (°)	Wide / Narrow
Control Capabilities	Full daylight harvesting set point Full dimming function On/off
Case Color / Material	White
Warranty	10 years incl. driver /100,000 hrs
Certifications	DLC QPL Listed UL Listed

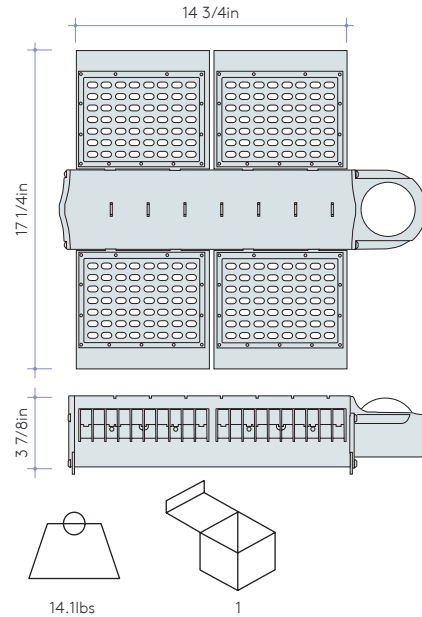


Wide 60°

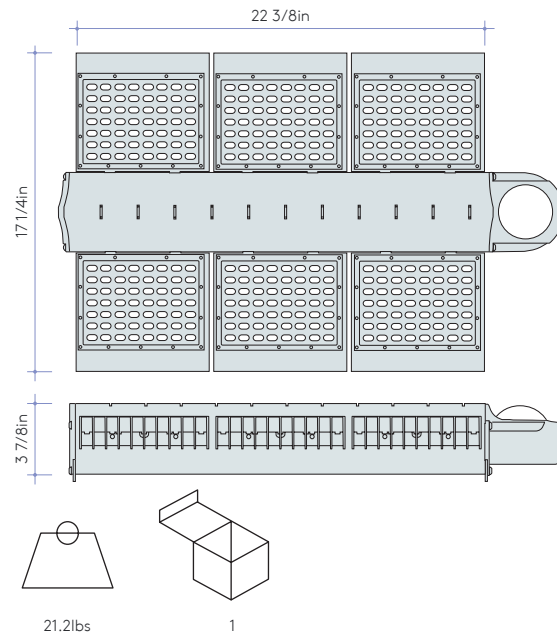


Aisle 60° x 30°

## Kingspan Smart-Lite Kite 18K



## Kingspan Smart-Lite Kite 27K



## Options & Accessories

- DALI driver 1-10v
- Motion sensors - PIR and/or Microwave
- 1 or 3 hour integral emergency battery option
- Alternative mounting kits available
- Xi-Fi Wireless Control System

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For the product offering in other markets please contact your local sales representative or visit [www.kingspanlightandair.us](http://www.kingspanlightandair.us)

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