

Project	Type
Catalog #	

DESCRIPTION

The Qube is a modular LED lighting system designed for indoor and outdoor area lighting applications. It utilizes advanced heat-pipe heat sink technology to reduce the size of the LED module, and has state-of-the-art optical technology to put light where it is needed.

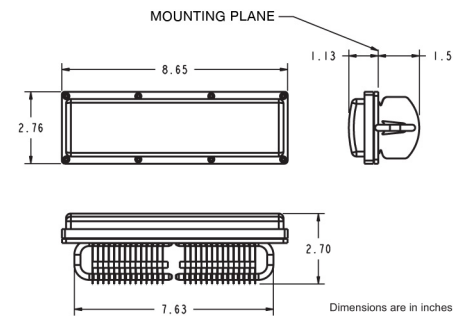
Each Qube module has a remote power supply, which simplifies installation, diagnosis and replacement of the Qube and power supply combination. Multiple Qube modules can be used to achieve the desired light level for a given application.



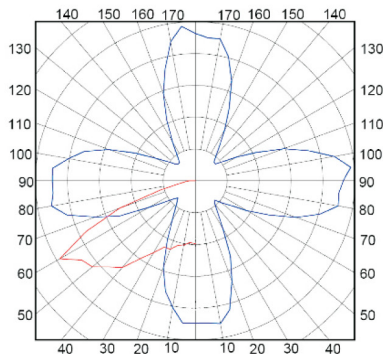
QB SERIES for Light Distribution Pattern S (Square)

FEATURES AND SPECIFICATIONS

- Advanced heat-pipe heat sink reduces size of the LED module
- Powered by an external constant current power supply to achieve maximum efficiency (see separate data sheet)
- Thermal sensors monitor temperature of LED array
- Available in two white color temperatures: 4000K and 5700K
- IP65 ingress protection
- Designed to meet Class 2 safety requirements
- UL Recognized (File Number E336810)
- Lab-certified LM-79 test reports and IES files available for Circular, Square and Rectangular light distribution patterns
- Four light distribution patterns available: Circular, Rectangular (Long/Short), Square and Lambertian
- 60 Month Warranty

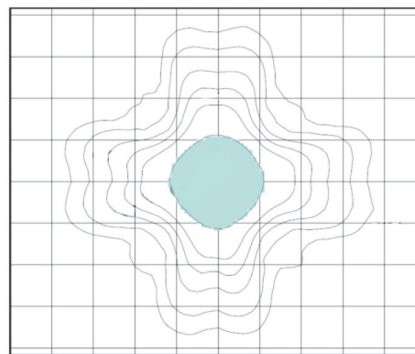


Plane & Cone Diagram



IES files available for above distributions.

Iso-Illuminance Diagrams



Voltage above 277V requires a step-down transformer.

ENERGY DATA for CCT	4000K	5700K
Input Voltage (V AC)	120 - 277	120 - 277
Module Level Power (W)	30.0	30.0
System Level Power (W)	33.8	33.8
Delivered Lumens (Lm)	2200	2650
System Efficacy (Lm/W)	65.1	78.4
Minimum CRI	80	70
LED L70 Lifetime (Hrs)	70,000	70,000
Operating Temp (°C)	-40 to 50	-40 to 50



ORDERING INFORMATION

Example: QB-1-350-120-277-0S3-28-57-S-0

QB	1	350	120-277		28		S	
Series	Form Factor	LED Drive Current (mA)	Input Voltage	LED Type	# of LEDs	Color Temp	Light Dist Patterns	Qube Cover
QB	1	350	120-277	OS1 5700K w/ secondary optic OS3 4000K w/ secondary optic	28	57 5700K 40 4000K	S Square	0 not covered 1 covered