

# OAKEN SQUARE SMALL DC SPEC SHEET



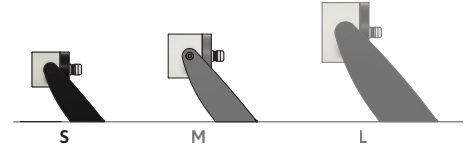
OAK-Q-S-DC



**IP66**  
WATER  
PROOF



**5 W (CV)**  
**3 W (CC)**



The Oaken series LED spotlights are a practical and aesthetic solution for highlighting outdoor areas. They are available with five optic configurations, ultra narrow, narrow, medium, wide and ultra wide for flexibility. With a chemically sealed glass lens and proprietary moisture barriers, the luminaire is capable of withstanding extreme outdoor conditions with consistent performance.

## SPECIFICATION

	5W (CV)	3W (CC)
<b>OPERATING VOLTAGE</b>	12 VDC (CV)	-
<b>OPERATING TEMPERATURE</b>	-20°C to + 50°C	
<b>CRI</b>	80, 90* (* = special order)	
<b>CONTROL</b>	Switched	Switched, DALI
<b>INPUT CURRENT</b>	-	990 mA
<b>NO OF LED</b>	1	
<b>LIGHT SOURCE</b>	Samsung SMD	
<b>CCT</b>	2700K, 3000K, 3500K, 4000K	
<b>BEAM ANGLE</b>	15°, 23°, 34°	
<b>FIXTURE CONNECTION</b>	Pigtail	
<b>AVAILABLE IP RATING</b>	IP66	



**Samsung SMD**  
LED Source

**12 VDC (CV), 990 mA (CC)**  
Electrical Operation

**4W (CV), 3W (CC)**  
Rated power

\*" represent special order, please contact factory for detail.

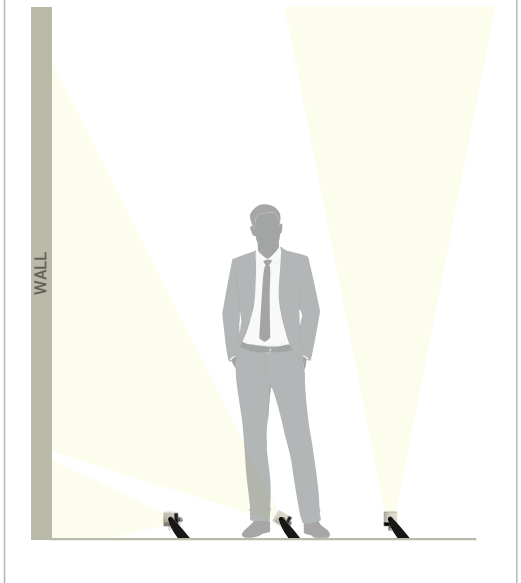
## OPTICAL DATA (3000K)

Beam Angle	4W	3W
15°	248 lm	186 lm
23°	216 lm	162 lm
34°	224 lm	168 lm

## DELIVERED LUMENS BY CCT (Narrow beam 15°)

White	4W	3W
2700K	232 lm	174 lm
3000K	248 lm	186 lm
3500K	250 lm	187 lm
4000K	242 lm	182 lm

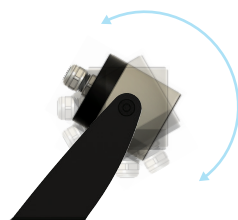
## Application



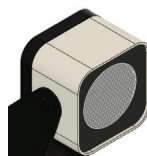
**Spike Mount**



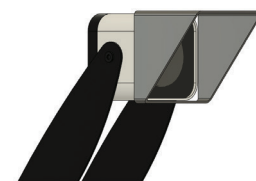
**180° Angle Swivel Base**



**Honeycomb Louver (Optional)**



**Visor (Optional)**



# OAKEN SQUARE SMALL DC SPEC SHEET

OAK-Q-S-DC



## ORDERING CODE

PRODUCT SERIES	TYPE	SIZE	POWER	COLOR TEMPERATURE	CRI	BEAM ANGLE	MOUNTING	VOLTAGE	ACCESSORIES
OAK - Oaken	Q - Square	S - Small	3W - 3 Watts (CT)	CT27 - 2700K	80 - 90	15D - 15 Degree	SM - Surface Mount	DC - 12 VDC	N - None
			5W - 5 Watts (CV)	CT30 - 3000K	90* - 90*	23D - 23 Degree	SP - Spike Mount		H - Honeycomb
				CT35 - 3500K		34D - 34 Degree			V - Visor
				CT40 - 4000K					

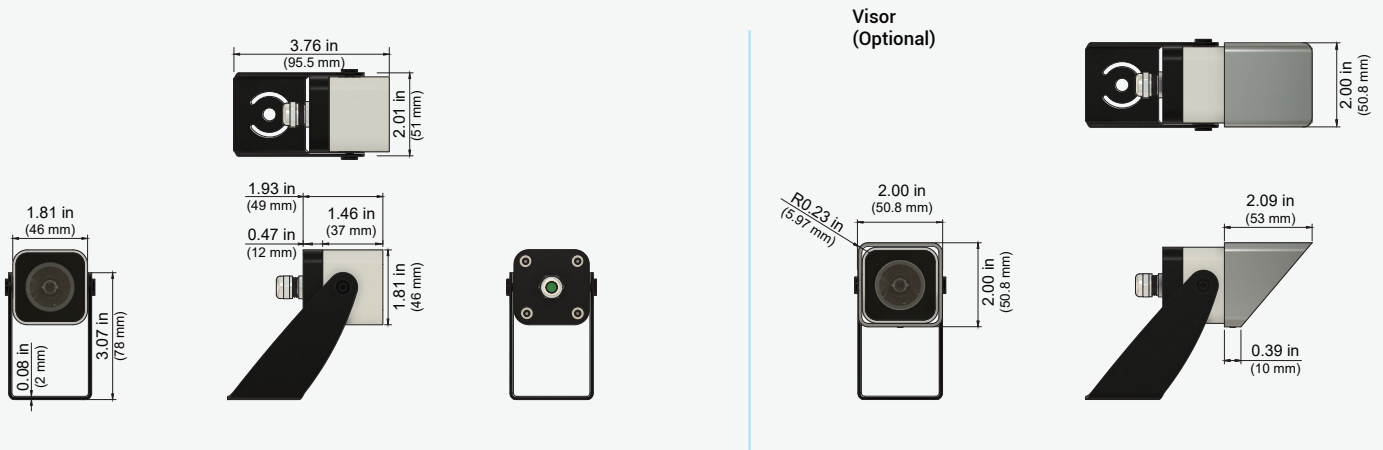
### FIXTURE FINISHING

BODY FINISH		TRIM FINISH	
BWH - White		TWH - White	
BBL - Black		TBL - Black	
BSL - Silver		TSL - Silver	
BCM - Custom		TGL - Gold	
		TCM - Custom	

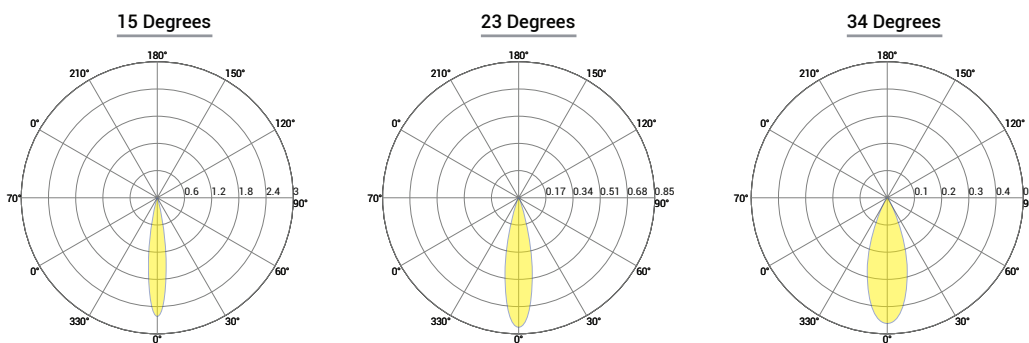
Sample: OAK-Q-S-5W-CT27-80-15D-SM-DC-H-BWH-TBL

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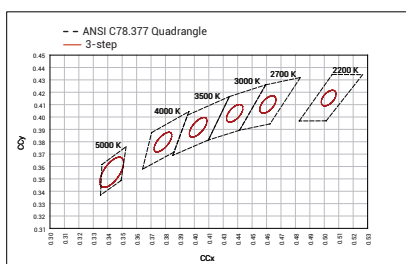
## DIMENSIONS



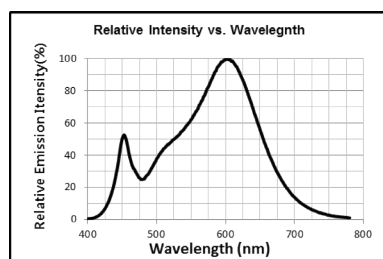
## PHOTOMETRIC DATA



### BIN Details (CIE 1931)



### Spectral Radiant Flux VS Wavelength



## RELATED PRODUCTS

OAK - Round Small- AC

