

# OAKEN SQUARE MEDIUM DC SPEC SHEET



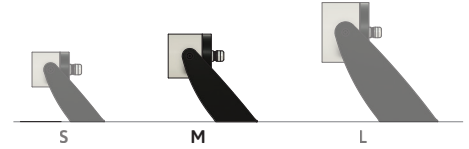
OAK-Q-M-DC



**IP66**  
WATER  
PROOF



**10 W (CV)**  
**9 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

	10W (CV)	9W (CC)
<b>OPERATING VOLTAGE</b>	24 VDC	-
<b>OPERATING TEMPERATURE</b>	-20°C to + 50°C	-
<b>CRI</b>	80, 90* (* = special order)	
<b>CONTROL</b>	Switched	Switched, 1-10V, 10V PWM Dimming
<b>INPUT CURRENT</b>	-	492 mA
<b>NO OF LED</b>	1	
<b>LIGHT SOURCE</b>	Cree COB	
<b>CCT</b>	2200K, 2700K, 3000K, 4000K	
<b>BEAM ANGLE</b>	14°, 21°, 30°, 40°, 50°	
<b>FIXTURE CONNECTION</b>	Pigtail	
<b>AVAILABLE IP RATING</b>	IP66	



**24 VDC (CV), 492 mA (CC)**  
Electrical Operation

**10W (CV), 9W (CC)**  
Rated power

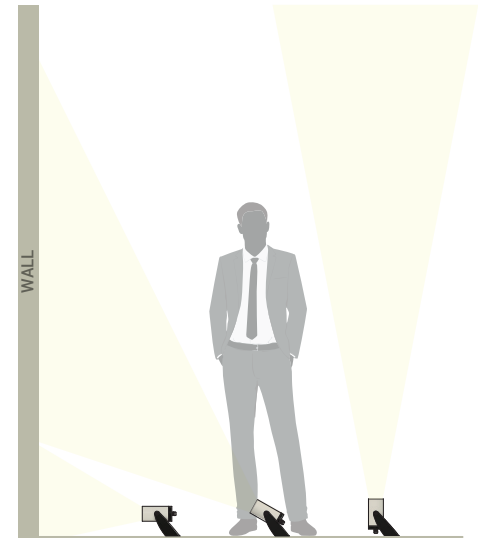
## OPTICAL DATA (3000K)

Beam Angle	10W	9W
14° Ultra Narrow	693 lm	624 lm
21° Narrow	742 lm	668 lm
30° Medium	720 lm	648 lm
40° Wide	690 lm	621 lm
50° Ultra Wide	618 lm	556 lm

## DELIVERED LUMENS BY CCT (Narrow beam 21°)

White	10W	9W
2200K	607 lm	546 lm
2700K	710 lm	639 lm
3000K	742 lm	668 lm
4000K	781 lm	703 lm

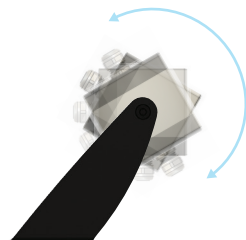
### Application



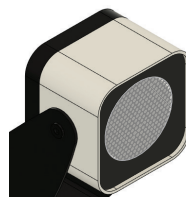
Spike Mount



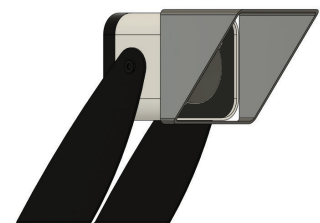
180° Angle Swivel Base



Honeycomb Louver (Optional)



Visor (Optional)



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OAK-Q-M-DC

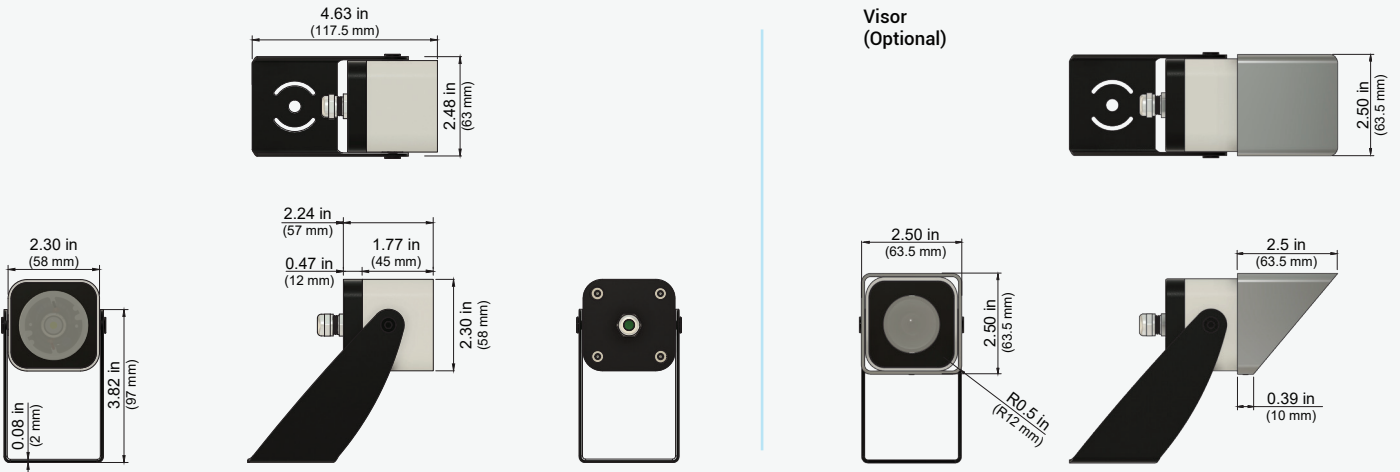
## ORDERING CODE

PRODUCT SERIES	TYPE	SIZE	POWER	COLOR TEMPERATURE	CRI	BEAM ANGLE	MOUNTING	VOLTAGE	ACCESSORIES
OAK - Oaken	Q - Square	M - Medium	9W - 9 Watts (CT) 10W - 10 Watts (CV)	CT22 - 2200K CT27 - 2700K CT30 - 3000K CT40 - 4000K	80 - 90 90* - 90*	14D - 14 Degree 21D - 21 Degree 30D - 30 Degree 40D - 40 Degree 50D - 50 Degree	SM - Surface Mount SP - Spike Mount	DC - 24 VDC	N - None H - Honeycomb V - Visor
							<b>FIXTURE FINISHING</b>		
							<b>BODY FINISH</b>	<b>TRIM FINISH</b>	
							BWH - White BBL - Black BSL - Silver BCM - Custom	TWH - White TBL - Black TSL - Silver TGL - Gold TCM - Custom	

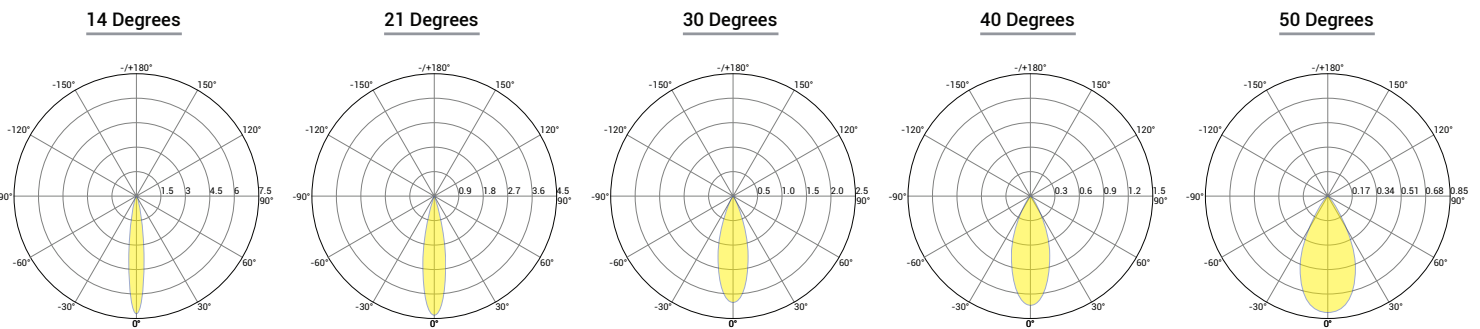
Sample: OAK-Q-M-10W-CT22-80-14D-SM-DC-H-BWH-TBL

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

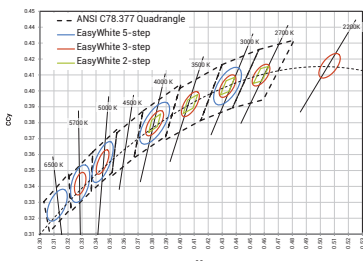
## DIMENSIONS



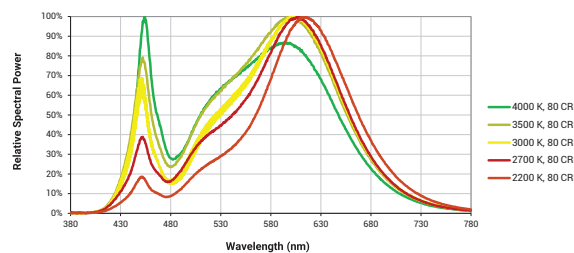
## PHOTOMETRIC DATA



BIN Details (CIE 1931)



Spectral Distribution



## RELATED PRODUCTS

OAK - Square Medium - AC

