

FEATURES

- Perfect for industrial, manufacturing and warehousing
- Designed to illuminate tractor trailers up to 53' for loading and unloading
- Excellent for any application requiring long life and low maintenance costs
- Available in 6, 12 and 18 chip configurations
- Built to UL1598 for use in wet location



SPECIFICATIONS

CONSTRUCTION

- Rugged, die-cast aluminum body designed for maximum heat dissipation
- Sealed tempered glass lens
- Stainless steel fasteners
- Advanced thermal management techniques and components
- Finished in safety yellow for visibility

OPTICS

- High quality Cree LED chips, 5000K color temperature
- Available in 6, 12 and 18 chip configurations
- 12° Spotlight (standard), 32° flood available (special order)

INSTALLATION

- Wall or ceiling mount with bracket provided (mounting hardware not supplied)
- Optional dock arm for lighting versatility

ELECTRICAL

- Dedicated constant current driver
- DOK-14W Spot 350mA (12 LEDs)
- DOK-16W Spot 700mA (6 LEDs)
- DOK-21W Spot 350mA (18 LEDs)

CERTIFICATIONS

- Listed to UL 1598 for use in wet locations
- IP66 Rated

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	878–1506
Wattage Range	14–21
Efficacy Range (LPW)	52–71
Reported Life (Hours)	60,000/L70

DATE: _____ LOCATION: _____

TYPE: _____ PROJECT: _____

CATALOG #: _____

ORDERING GUIDE

Example: DOK-6LU-5K-SP

CATALOG #

DOK	L	U	5K	Optics	Cord	Switch	PC
Model	# of LEDs	Source	Voltage	Color Temp			Lens
DOK Dokstar™ LED Loading Dock Light	6 LED (6 Chip) 12 LED (12 Chip) 18 LED (18 Chip)	L LED	U 120-277V	5K 5000K	SP 12 Degree Spot (Standard) FL 32 Degree Flood (Special Order)	C6 6' cord ¹ C6515P 6' cord with 15 amp straight blade plug ¹ C6715P 6' cord with 15 amp NEMA Twist-lock® plug ¹ C3C14P 3' cord with IEC C-14 plug ²	IRS In-Line Rocker Switch (120V only) ³ PC Polycarbonate Lens

Options	
DL40	40" Double Strut Dock Arm with standard 6' cord and plug ⁴
DSDL40	40" Double Strut Swing Arm with standard 6' cord and plug ⁴

- Notes:
- 1 For use without Arm
 - 2 For connection to Arm
 - 3 Required if using an Arm
 - 4 Ships separately from DOK fixture

DELIVERED LUMENS

Base Model	Total Watts	Number of LEDs	Drive mA	Color Temp	Lumens
DOK-12LU-5K-SP-CXX	14	12	350 mA	5000K	878
DOK-12LU-5K-FL-CXX	14	12	350 mA	5000K	878
DOK-6LU-5K-SP-CXX	16	6	700 mA	5000K	830
DOK-6LU-5K-FL-CXX	16	6	700 mA	5000K	830
DOK-18LU-5K-SP-CXX	21	18	350 mA	5000K	1506
DOK-18LU-5K-FL-CXX	21	18	350 mA	5000K	1506

PERFORMANCE DATA

LED System Configuration	Drive Current	LED Chips	At 25°C (77°F) Ambient			At 35°C (98°F) Ambient		
			Junction Temp ¹	L70 Hours	L90 Hours	Junction Temp ¹	L70 Hours	L90 Hours
DOK - 14W Spot	350 mA	12	48.9	210,000	60,000	59.1	140,000	40,000
DOK - 16W Spot	700 mA	6	60.9	100,000	32,000	71.2	80,000	24,000
DOK - 21W Spot	350 mA	18	58.1	140,000	42,000	68.4	98,000	30,000

¹ The junction temperature of the LED chip is the single most important factor determining expected life and lumen maintenance.

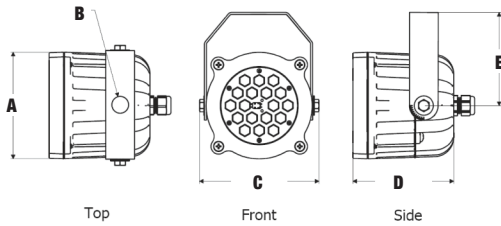
ENERGY SAVINGS DATA

Operating Cost Comparison — Dockstar™ vs. Traditional Dock Light Systems

Dock Light System	Input Watts	Rated Lamp Life (Hours)	Average Annual Cost of Operation		
			Energy Cost	Maintenance Cost	Total Cost
Q500 T3 Quartz	500	2,000	\$240	\$60	\$300
Q300 T3 Quartz	300	2,000	\$144	\$60	\$204
MH70 Med	88	12,000	\$42	\$27	\$69
MH100 Med	119	15,000	\$57	\$24	\$81
MH150 Med	186	15,000	\$89	\$24	\$113
100 PAR	100	3,000	\$48	\$47	\$95
DOK - 14w LED	14	210,000	\$7	-	\$7
DOK - 16w LED	16	100,000	\$8	-	\$8
DOK - 21w LED	21	140,000	\$10	-	\$10

1 All operating cost estimates are for general illustrative purposes. Actual values will vary on a site specific basis.
 2 Annual maintenance and energy costs are estimated based upon 4,000 annual operating hours per year, for ten years
 3 Energy costs are based upon \$0.12 cents per kWh, maintenance cost estimates include lamps, ballasts and labor

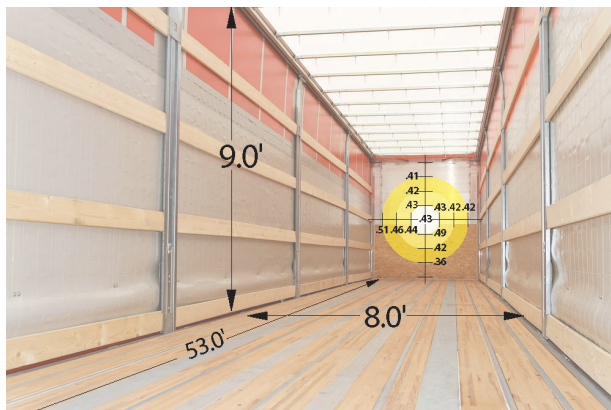
DIMENSIONS



Dimensions	A	B	C	D	E
	5 9/16"	7/8"	5 5/16"	4 13/16"	6 1/4"

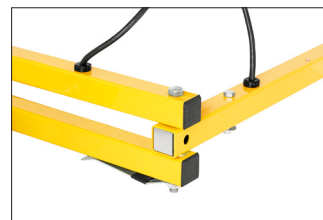
ADDITIONAL INFORMATION

FOOTCANDLE PERFORMANCE



Actual measured lighting levels on the back wall of a 53' trailer. Very even lighting of about 0.50 footcandles. The crisp white light of the LEDs results in very good visibility.

ARM OPTIONS



Double Strut Dock Arm (DL40)



Double Strut Swing Arm (DSDL40)