

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

**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
- See [HLI Standard Warranty](#) for additional information

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

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**ORDERING GUIDE**

Example: DOK-6LU-5K-SP

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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 (All other color temperatures are special order)	SP 12 Degree Spot (Standard) FL 32 Degree Flood (Special Order)	C6 6' cord <sup>1</sup> C6515P 6' cord with 15 amp straight blade plug <sup>1</sup> C6715P 6' cord with 15 amp NEMA Twist-lock® plug <sup>1</sup> C3C14P 3' cord with IEC C-14 plug <sup>2</sup>	IRS In-Line Rocker Switch (120V only) <sup>3</sup> PC Polycarbonate Lens

Options	
<b>DL40</b>	40" Double Strut Dock Arm with standard 6' cord and plug <sup>4</sup>
<b>DSDL40</b>	40" Double Strut Swing Arm with standard 6' cord and plug <sup>4</sup>

- 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 <sup>1</sup>	L70 Hours	L90 Hours	Junction Temp <sup>1</sup>	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

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

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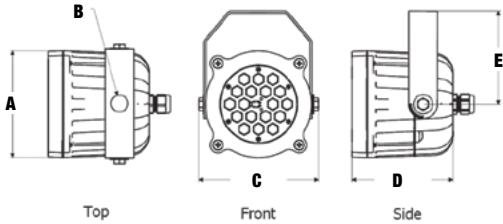
**ENERGY SAVINGS DATA**

**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

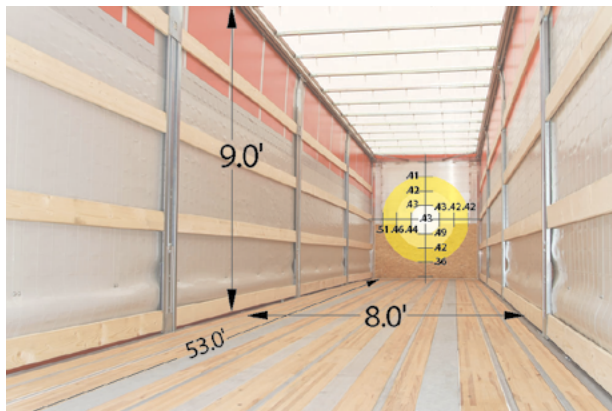
**DIMENSIONS**



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

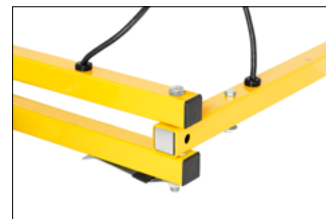
**ADDITIONAL INFORMATION**

**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)**

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