

# LUXTRAN™

## DLD1220 SERIES

### PRODUCT FEATURES:

- » Marine-grade aluminum housing construction
- » Stainless steel latches for tool-less access to electrical compartment
- » Mounting arms allow angular adjustment for precise aiming of optical distribution



### PROJECT INFORMATION

Job Name \_\_\_\_\_  
 Fixture Type \_\_\_\_\_  
 Catalog Number \_\_\_\_\_  
 Approved by \_\_\_\_\_

### SPECIFICATIONS:

**HOUSING/DOOR:** Marine-grade, die-cast aluminum construction. Light grey TGIC polyester powder coat finish with five-step pre-treatment to withstand 1,000 hour salt spray test per ASTM B117. Stainless steel safety cables attach to chassis. Four (4) rotary latches constructed of 304 grade stainless steel.

**GASKETING:** One-piece closed-cell silicone.

**OPTICAL:** Type II, Type V-Narrow Round and Type V Square optical distributions. 0.187" clear tempered glass or polycarbonate tertiary lens.

**ELECTRICAL:** Serviceable LED module array. See Ordering Information for available color temperatures and minimum CRI offering. Maximum 5-step MacAdam variation allowance. Constant-current dimming driver. <20%THD, >0.90PF. **DV Voltage Type:** 120-277VAC, 50/60Hz input. 0-10V dimming protocol with 10-100% range without dim-to-dark, 0.9mA source current per luminaire. **CV Voltage Type:** 277-480VAC, 50/60Hz input. 0-10V dimming protocol with 6-100% range with dim-to-dark capabilities at 0V. 0.1mA typ. source current. EMC compliant with FCC 47 CFR Part 15, Class B. **All:** Replaceable surge suppressor rated to 20kA/kV per IEEE/ANSI C62.41 Cat. A. Passes IEC 61000-4-4 EFT and IEC 61000-4-5 (Class 4) surge evaluation.

**OPTIONAL CONTROLS:** Optional control module available with compatible third party controls. To see the full list of compatible controls, [click here](#).

**INSTALLATION:** Wall or ceiling orientation. Mounting hardware provided by others. Conduit entry on side of luminaire through 3/4" NPT threaded hole. Optional non-threaded entry for 3/4" conduit at back of luminaire housing. Optional ANSI photocell receptacle requires attached device (by others) at time of installation for proper ingress-protection. Suitable for installation into -40°C to 40°C ambient temperatures.

**PHOTOMETRICS:** Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For photometric data, please go to [www.kenall.com](http://www.kenall.com)

**WARRANTY:** Limited five (5) year warranty.

**LISTINGS:** Luminaire is certified to UL Standards by Intertek Testing Laboratory for Wet Location. IP66 rating per IEC 60598. Luminaire is 3G vibration tested per ANSI C136.31.



### ORDERING INFORMATION (Ex: DLD1220-MB6-2-8-47L-30K8-DCC-DV)

Model	Mounting Arm	Distribution	Lens Type	Lamp Power	Lamp Color	Driver Type	Voltage	Options
<b>DLD1220</b>								
<b>Mounting Arm Length</b>			<b>Lamp Color</b>			<b>Voltage</b>		
<b>MB6</b>	Mounting Brackets for 6" Nominal Overall Depth (10° Adjustable)				<b>30K8</b>	3000K / 80 CRI min.	<b>DV</b>	120-277 VAC Nominal Range
<b>MB12</b>	Mounting Brackets for 12" Nominal Overall Depth (180° Adjustable)				<b>35K8</b>	3500K / 80 CRI min.	<b>CV</b>	277-480 VAC Nominal Range
<b>Distribution Type</b>			<b>Driver Type</b>			<b>Options</b>		
<b>2</b>	Type II				<b>DCC</b>	0-10V Dimming	<b>LEL</b>	7.5W Integrated Emergency Battery Backup (0°C min ambient; n/a CV input selection)
<b>5C</b>	Type V – Narrow Round						<b>CC</b>	3/4" Conduit Connection
<b>5S</b>	Type V – Square						<b>FS1</b>	Single Fuse and Holder (600V, Dual Element/Time-Delay Standard)
<b>Lens Type</b>						<b>FS2</b>		
<b>8</b>	.188" (.48 cm) Tempered Glass Lens							Double Fuse and Holder (600V, Dual Element/Time-Delay Standard)
<b>7</b>	.187" (.47 cm) Clear Polycarbonate							ANSI 7-PIN Receptacle (n/a with MB6 Mounting)
<b>Lamp Power</b>						<b>TB</b>		
<b>47L</b>	47 Watt LED							Wire Terminal Block
<b>72L</b>	72 Watt LED							<b>LPCM</b>
<b>94L</b>	94 Watt LED							NYX Hemera Local Programmable Control Module (for Power Line Control; click <a href="#">here</a> for specifications)



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 This product can comply with the latest domestic preference legislation, such as the Buy American Act (BAA), Trade Agreement Act (TAA), Build America, Buy America Act (BABA), and others. It may be covered by patents found at [www.kenall.com/patents](http://www.kenall.com/patents). Content of specification sheets is subject to change; please consult [www.kenall.com](http://www.kenall.com) for current product details. ©2024 Kenall Mfg. Co.

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# LUXTRAN™

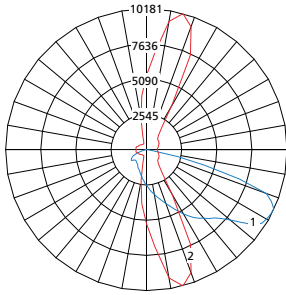
## DLD1220 SERIES

### PERFORMANCE

Lamp Code	Initial Delivered Flux (lm)			Efficacy (lm/W)	Input Power (W)	Estd. L70 LED Life (hrs)	Lumen Maintenance @ 50k Hrs
	Type 2	Type 5C	Type 5S				
47L-30K8	6,144	6,240	5,969	113 - 118	53	200,000	96%
47L-35K8	6,541	6,644	6,355	121 - 126	53	200,000	96%
47L-40K7	7,249	7,362	7,043	134 - 140	53	200,000	96%
47L-50K7	7,425	7,542	7,214	137 - 143	53	200,000	96%
72L-30K8	8,738	8,906	8,532	108 - 113	79	175,000	92%
72L-35K8	9,304	9,483	9,084	115 - 121	79	175,000	92%
72L-40K7	10,310	10,508	10,066	128 - 134	79	175,000	92%
72L-50K7	10,561	10,765	10,312	131 - 137	79	175,000	92%
94L-30K8	10,987	11,281	10,776	103 - 107	105	150,000	85%
94L-35K8	11,698	12,011	11,474	109 - 114	105	150,000	85%
94L-40K7	12,963	13,310	12,714	121 - 127	105	150,000	85%
94L-50K7	13,279	13,634	13,024	124 - 130	105	150,000	85%

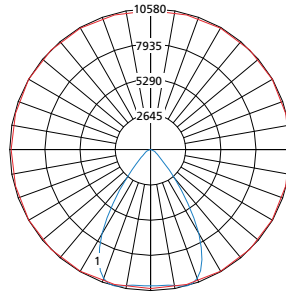
Information above was tested with an outer tempered glass lens. Subject to change without notice. Visit [www.kenall.com](http://www.kenall.com) for IES files and additional information.

Model: DLD1220-XXX-2-8-94L-40K7-DCC-DV



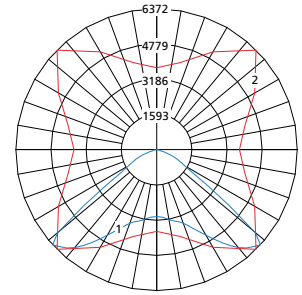
Max Candela = 10181 Located At Horizontal Angle = 75, Vertical Angle = 65  
 1 - Vertical Plane Through Horizontal Angles (75-255) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)

Model: DLD1220-XXX-5C-8-94L-40K7-DCC-DV

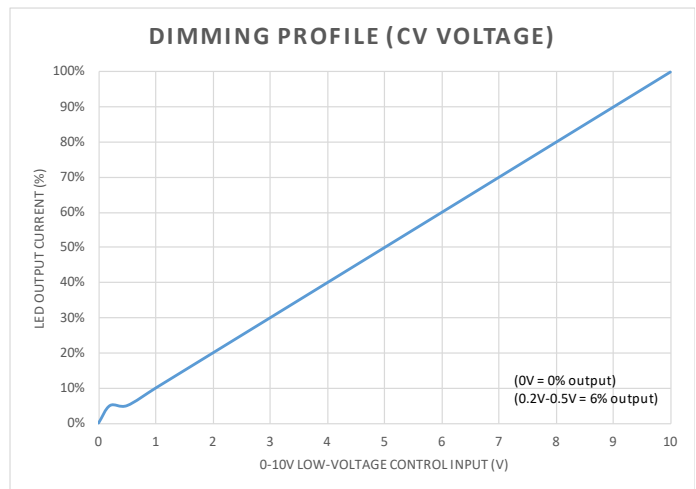
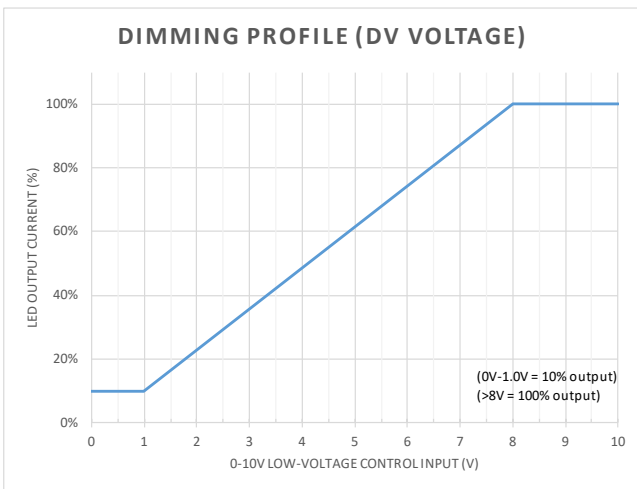


Max Candela = 10580 Located At Horizontal Angle = 45, Vertical Angle = 15  
 1 - Vertical Plane Through Horizontal Angles (45-225) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vertical Angle (15) (Through Max. Cd.)

Model: DLD1220-XXX-5S-8-94L-40K7-DCC-DV



Max Candela = 6372 Located At Horizontal Angle = 45, Vertical Angle = 47.5  
 1 - Vertical Plane Through Horizontal Angles (45-225) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vertical Angle (47.5) (Through Max. Cd.)

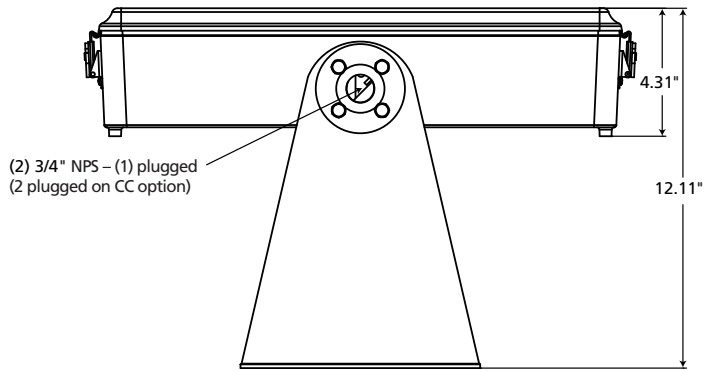


NOTE: 10V required from control system for 100% light output.

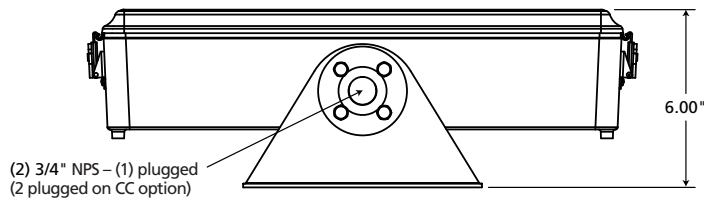


**LUXTRAN™**  
**DLD1220 SERIES**  
 DIMENSIONAL DATA

**MB12 MOUNTING ARM**



**MB6 MOUNTING ARM**



**TOP VIEW**

