

**LuxTran™**  
*Underpass & Viaduct LED Luminaires*

Transportation Lighting

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# High-Quality, Cost-Effective Underpass and Viaduct Luminaires

Fiscal responsibility on an infrastructure project means finding the most efficient, highest quality products that fit within constrained budgets. That's why Kenall created the Luxtran™ DLD1220 series. This LED luminaire has the signature features of Kenall's most durable tunnel luminaires, but with a cast aluminum housing. This housing provides sturdiness and value, providing an ideal solution for cost-sensitive underpass and viaduct projects.



## LuxTran DLD1220 Series

- Delivered lumen range: 5,969 – 13,634 lm
- Input power: 53 – 105W
- Efficacy: 103 – 143 lm/W
- Multiple optical distributions: 2, 5C, 5S
- One-piece, die-cast aluminum housing
- Mounting allows 90° adjustment in either direction from horizontal
- Serviceable LED array
- Tempered glass lens or polycarbonate

Nominal size: | 12" x 20"  
Installation type: | Surface ceiling mount



# New Lumen Packages and Optics

Providing Safety & Visibility, Right Where You Want It

The LuxTran DLD1220 offers a broad range of lumen packages and three different optical distributions. That flexibility allows engineers to provide viaducts and underpasses with the maximum amount of visibility and safety for vehicles and pedestrians, while also saving power by using energy-efficient LEDs.

## DLD1220 Luminaire Performance

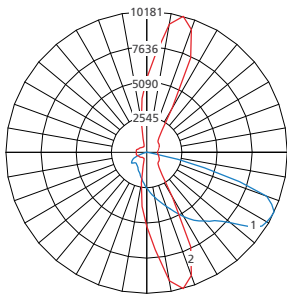
Model	Lamp Code	Initial Delivered Flux (lm)			Efficacy (lm/W)	Input Power (W)	Estd. L70 LED Life (hrs)	Lumen Maintenance @ 50k Hrs
		Type 2	Type 5C	Type 5S				
DLD1220	47L-30K8	6,144	6,240	5,969	113 - 118	53	200,000	96%
	47L-35K8	6,541	6,644	6,355	121 - 126			
	47L-40K7	7,249	7,362	7,043	134 - 140			
	47L-50K7	7,425	7,542	7,214	137 - 143			
	72L-30K8	8,738	8,906	8,532	108 - 113	79	175,000	92%
	72L-35K8	9,304	9,483	9,084	115 - 121			
	72L-40K7	10,310	10,508	10,066	128 - 134			
	72L-50K7	10,561	10,765	10,312	131 - 137			
	94L-30K8	10,987	11,281	10,776	103 - 107	105	150,000	85%
	94L-35K8	11,698	12,011	11,474	109 - 114			
	94L-40K7	12,963	13,310	12,714	121 - 127			
	94L-50K7	13,279	13,634	13,024	124 - 130			

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.

## DLD1220 Optical Distributions

### Type 2

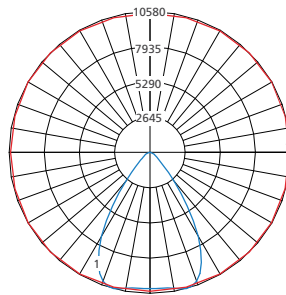
Model: DLD1220-2-94L-40K7-DCC-DV



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.)

### Type 5C

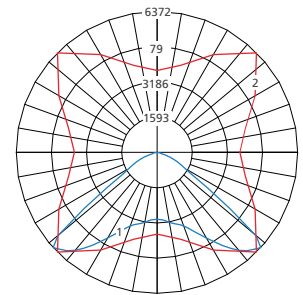
Model: DLD1220-5C-94L-40K7-DCC-DV



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.)

### Type 5S

Model: DLD1220-5S-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.)



### LED 5-Year Warranty

Kenall offers a 5-year limited power system warranty on LED products. For complete warranty information, please visit us on the web at [www.kenall.com](http://www.kenall.com)

For more information about this or other tunnel luminaires, contact our Kenall tunnel expert, Michael Maltezos, at 847-507-4531 for a one-on-one consultation.



[www.kenall.com](http://www.kenall.com)

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The Kenall product shown on this page is designed and manufactured in the USA with components purchased from US suppliers, and meets the Buy American requirements under the ARRA. Kenall has not determined the origin of its domestically purchased components or the subcomponents thereof.



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L10062-011415