



# DECORATIVE SURFACE

## DES100 SERIES



# Dropped Opal Diffuser Square Contour



- Dropped Opal Diffuser Square Contour Luminaire
- Powder Coated Finish / Painted After Fabrication
- Fully Illuminated One-Piece Dropped White Acrylic Diffuser
- Suitable for Damp Locations
- Available with:
  - Fluorescent and LED
  - Emergency Battery Pack



Photometric Data and IES Files are Available on [www.lalighting.com](http://www.lalighting.com)



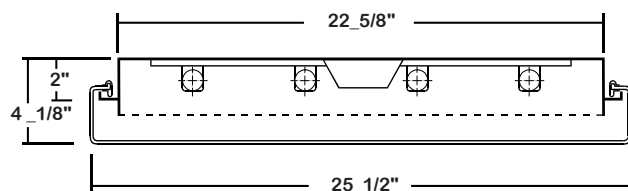
**LOS ANGELES LIGHTING MFG. CO.**  
10141 OLNEY ST. / EL MONTE, CA 91731  
TEL : 626-454-8300 FAX : 626-454-8399  
[www.lalighting.com](http://www.lalighting.com)



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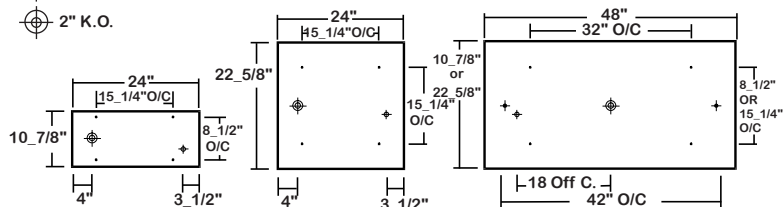
## Dropped Opal Diffuser Square Contour

### CROSS SECTION



### BACK PLATE

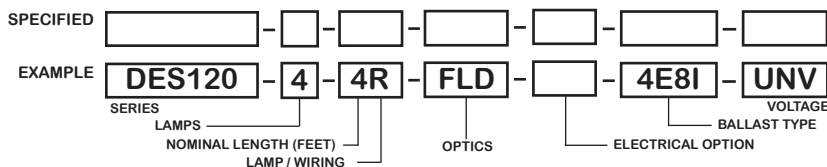
- 3/8" MTG. K.O.
- ◆ 11/16" STEM MTG. K.O.
- ⊕ 7/8" OFFSET K.O.
- ⊙ 2" K.O.



### CATALOG NUMBER

	NOMINAL WIDTH X LENGTH	TOTAL LAMPS		NOMINAL WIDTH X LENGTH	TOTAL LAMPS
DES110-2-2R-FLD	1' X 2'	2		DES120-4-4R-FLD	2' X 4'
DES110-2-4R-FLD	1' X 4'	2			
DES120-2-2R-FLD	2' X 2'	2			
DES120-2-2RU1-FLD	2' X 2'	2			
DES120-2-2RU6-FLD	2' X 2'	2			
DES120-2-4R-FLD	2' X 4'	2			
DES120-3-4R-FLD	2' X 4'	3			

### ORDERING GUIDE



#### NOTE: LAMP/WIRING\*

- R = Medium Bi-Pin T8
- RU1 = Medium Bi-Pin T8 U Shaped 1\_5/8" Spacing
- RU6 = Medium Bi-Pin T8 U Shaped 6" Spacing

### OPTIONS AND ACCESSORIES

● ELECTRICAL OPTIONS	SUFFIX	● BALLAST OPTIONS	SUFFIX	● ACCESSORIES	CAT. NO.
Emergency Battery Pack	BP*	Electronic T8	E8*	Fixture Suspension System	*
External Line Fusing (HLR/GLR)	ELF	Electronic Step Dimming T8	ESDM8*		
Radio Interference Filters	RIF				
Night Light (Fluor. 7W or 9W)	NL9				

\*See Appropriate Reference Page

### SPECIFICATIONS

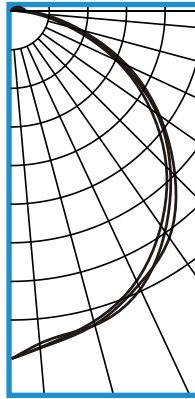
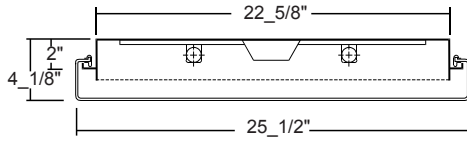
- TYPE: Surface mounted fixture. Diffuser hinges on channel of fixture housing and opens from either side for easy relamping.
- CONSTRUCTION: 20 ga. cold rolled steel welded housing.
- FINISH: Baked white powder coated finish standard, minimum reflectance 90%. Painted after fabrication.
- OPTICS: Fully illuminated one-piece dropped white acrylic diffuser.
- WIRING: 120v 60Hz., 277v 60Hz., UNV (universal voltage 120v thru 277v.) or as otherwise specified.
- LABELS: U.L. Listed. Suitable for damp locations.



**PHOTOMETRIC DATA**

DES120-2-4R-FLD-E8

TEST NO.=LA-T0451  
 LAMP TYPE=FO32T8  
 NO. OF LAMP=2  
 LUMENS PER LAMP=2900  
 WATTS PER LAMP=32  
 BALLAST FACTOR=1  
 PHOTOMETRY TYPE=C



**CANDLEPOWER**

ANGLE	END	45	CROSS
0	1458	1458	1458
5	1415	1398	1418
15	1346	1363	1360
25	1246	1284	1266
35	1095	1124	1157
45	918	942	969
55	709	743	756
65	483	502	531
75	247	275	295
85	85	105	123
90	31	50	65
95	24	43	55
105	22	34	45
115	17	29	39
125	14	23	30
135	13	17	22
145	9	14	16
155	5	7	11
165	3	3	4
175	0	1	2
180	0	0	0

**ZONAL LUMEN SUMMARY**

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1107	19.1	26.0
0-40	1814	31.3	42.7
0-60	3206	55.3	75.4
0-90	4094	70.6	96.3
90-120	111	1.9	2.6
90-150	153	2.6	3.6
90-180	158	2.7	3.7
0-180	4252	73.3	100.0

Lumen Output = 4252 lumens  
 Luminaire Efficiency = 73.3%

**SPACING CRITERION**

ALONG	ACROSS
1.19	1.24

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