



# DECORATIVE SURFACE

## DES100 SERIES



### Dropped Opal Diffuser Soft Contour



- Dropped Opal Diffuser Soft 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

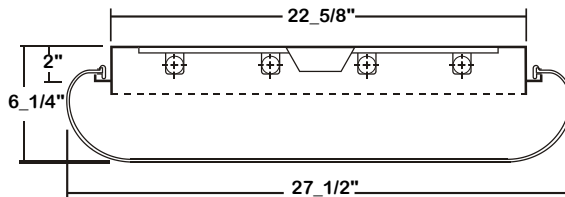
[www.lalighting.com](http://www.lalighting.com)



# DES100 SERIES

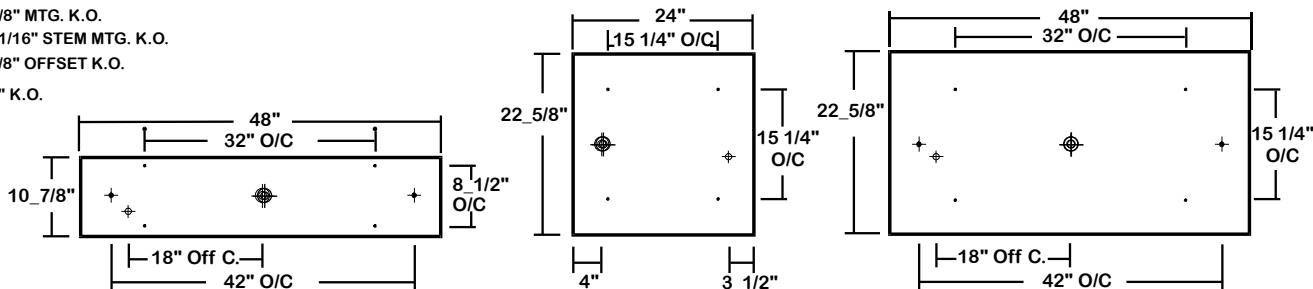
## Dropped Opal Diffuser Soft Contour

### CROSS SECTION



### BACK PLATE

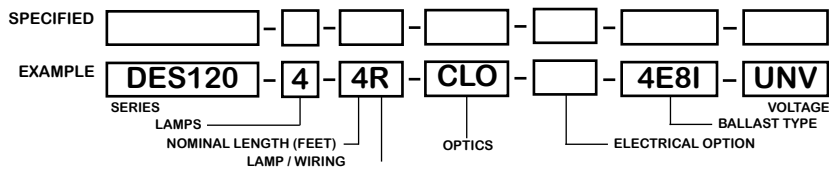
- 3/8" MTG. K.O.
- ◆ 11/16" STEM MTG. K.O.
- ⊕ 7/8" OFFSET K.O.
- ⊕ 2" K.O.



### CATALOG NUMBER

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

### 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

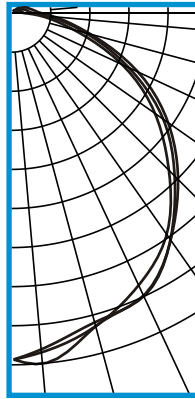
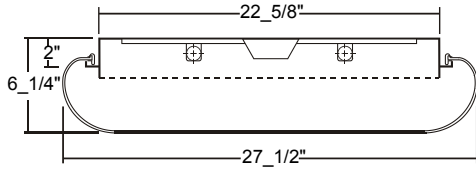
- **TYPE** Surface mounted fixture. Diffuser hinges on channel of fixture housing and opens from either side for easy relamping.
- **CONSTRUCTION** 20 ga. cold rolled steel welded housing.
- **FINISH** Baked white powder coated finish standard, minimum reflectance 90%. Painted after fabrication.
- **OPTICS** Fully illuminated one-piece dropped white acrylic soft contour 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-CLO-E8

TEST NO.=LA-T0526  
 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	1369	1369	1369
5	1344	1390	1331
15	1276	1276	1262
25	1180	1230	1226
35	1058	1083	1085
45	866	899	919
55	678	718	742
65	466	496	536
75	237	288	309
85	97	132	160
90	42	79	109
95	36	61	88
105	28	49	66
115	23	35	53
125	16	28	36
135	13	21	29
145	10	14	20
155	7	11	11
165	10	9	9
175	12	8	8
180	6	6	6

**ZONAL LUMEN SUMMARY**

DEGREES	LUMENS	% LAMP	% FIXTURE
0-30	1054	18.2	25.1
0-40	1731	29.8	41.2
0-60	3065	52.8	73.0
0-90	3985	68.7	94.9
90-120	159	2.7	3.8
90-150	208	3.6	5.0
90-180	216	3.7	5.1
0-180	4201	72.4	100.0

Lumen Output = 4201 lumens  
 Luminaire Efficiency = 72.4%

**SPACING CRITERION**

ALONG	ACROSS
1.22	1.25

This space is intentionally left blank.

This space is intentionally left blank.

This space is intentionally left blank.

