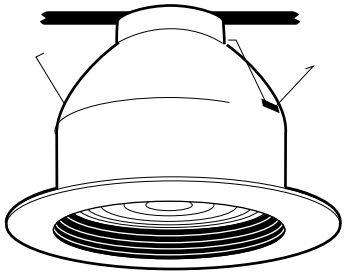
Catalog Number	Type
LP6F-13DTT-277-6LD3 / TRIM	B1

SPECIFICATIONS

- Glass lens regressed in high-quality white splay or black baffled finishing trim. Minimum white self flange standard.
- Lens available in drop opal, flat white or fresnel.
- Retaining clips riveted to top of reflector hold finishing trim secure inside housing.
- UL 1570, 1571 and 1572 listed for through-branch circuit wiring and wet locations. Listed for direct burial in insulation; IC-rated when used with specified rough-ins or suitable for Non-IC applications with insulation 3" from fixture (see compatibility).
- CSA certified for US shipments to Canada.
- NOM labeled for shipments to Mexico.



6" Finishing Trims

6L3/4

Glass Lens

Wet Location

ADVANTAGE®

All dimensions are inches (centimeters).
Trim height when used with Non-IC rough-ins.

Outer Diameter: 7-5/8 (19.4)
Lens Diameter: 5-1/8 (13.0)
Height: 7-1/4 (18.4)

ORDERING INFORMATION

Example: **6LDB3**

Select catalog number for finishing trim below (bold type). Order rough-in section separately.

These finishing trims are compatible with the rough-ins listed. See rough-in submittal sheets for detailed specifications. See other side of this sheet for photometrics.

Series

White Splay

6LD3	Drop opal lens
6LF3	Flat white lens
6L4	Fresnel lens

Black Baffle

6LDB3	Drop opal lens
6LFB3	Flat white lens
6LB4	Fresnel lens

Compatibility

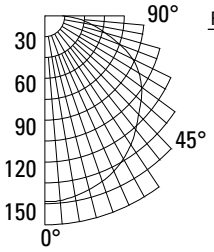
Rough-ins	Source	Max. wattage	Application
LI6	Incandescent	60W A19	IC
LU6, LC6	Incandescent	75W A19	Non-IC
LP6	Incandescent	100W A19	Non-IC
LU6F	Fluorescent	13W DTT	IC
LP6F	Fluorescent	13W DTT*	Non-IC
LP6H	HID	100W MH; 75W MV; 70W HPS	Non-IC

* Available 18W DTT for 6LD3 or 6LDB3 when used in non-IC applications only.

6LD/6LF Glass Lens, Advantage Series

Distribution curve | **Distribution data** | **Output data** | **Coefficient of utilization** | **Single luminaire data 30" above floor**

6LD3, 100W A19 lamp, 1.3 s/mh, 1750 rated lumens, test no. 43093AM1



From 0°	cp.	Lumens
0°	133	
5°	133	13
15°	129	37
25°	123	57
35°	113	71
45°	100	78
55°	89	80
65°	73	73
75°	47	50
85°	26	28
90°	13	

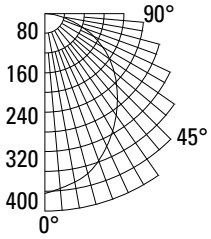
Zone	Lumens	%lamp
0°-30°	107	6.1
0°-40°	178	10.2
0°-60°	336	19.2
0°-90°	487	27.8
90°-180°	0	0.0
0°-180°	487	27.8*

* Efficiency

rf / rc / rw	80% 50%	80% 30%	20% 50% 50%	20% 50% 30%	30% 50% 50%	30% 50% 30%
1	28	27	34	26	25	25
2	24	22	23	21	22	21
3	21	19	20	18	19	18
4	19	16	18	16	17	15
5	17	14	16	14	15	13
6	15	12	14	12	14	12
7	13	11	13	10	12	10
8	12	10	11	9	11	9
9	11	8	10	8	10	8
10	10	8	9	7	9	7

Mount height	Initial fc at beam center	50% Beam angle 66.0° Beam diameter	50% Beam angle 66.0° fc at beam edge	10% Beam angle 116.2° Beam diameter	10% Beam angle 116.2° fc at beam edge
8'	4.4	7.2'	2.2	17.7'	0.4
10'	2.4	9.8'	1.2	24.1'	0.2
12'	1.5	12.4'	0.7	30.5'	0.2
14'	1.0	15.0'	0.5	37.0'	0.1
16'	0.7	17.6'	0.4	43.4'	0.1

6LF3, 100W A19 lamp, 1.2 s/mh, 1750 rated lumens, test no. 43026AM2



From 0°	cp.	Lumens
0°	364	
5°	355	34
15°	335	96
25°	296	136
35°	251	157
45°	205	159
55°	159	141
65°	109	107
75°	57	59
85°	12	12
90°	4	

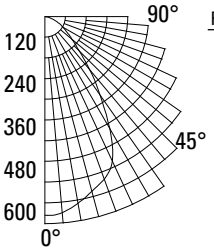
Zone	Lumens	%lamp
0°-30°	266	15.2
0°-40°	423	24.2
0°-60°	723	41.3
0°-90°	901	51.5
90°-180°	0	0.0
0°-180°	901	51.5*

* Efficiency

rf / rc / rw	80% 50%	80% 30%	20% 50% 50%	20% 50% 30%	30% 50% 50%	30% 50% 30%
1	56	54	52	51	50	49
2	49	46	47	44	45	43
3	44	40	42	38	40	38
4	39	35	37	34	36	33
5	35	31	34	30	33	29
6	32	27	30	27	29	26
7	29	24	27	23	27	23
8	26	22	25	21	24	21
9	24	19	23	19	22	19
10	22	17	21	17	20	17

Mount height	Initial fc at beam center	50% Beam angle 59.8° Beam diameter	50% Beam angle 59.8° fc at beam edge	10% Beam angle 107.3° Beam diameter	10% Beam angle 107.3° fc at beam edge
8'	12.0	6.3'	6.0	14.9'	1.2
10'	6.5	8.6'	3.2	20.4'	0.7
12'	4.0	10.9'	2.0	25.8'	0.4
14'	2.8	13.2'	1.4	31.3'	0.3
16'	2.0	15.5'	1.0	36.7'	0.2

6L4, 100W A19 lamp, 1.1 s/mh, 1750 rated lumens, test no. 42870C1



From 0°	cp.	Lumens
0°	575	
5°	570	54
15°	524	148
25°	461	214
35°	279	175
45°	141	109
55°	78	70
65°	45	45
75°	17	17
85°	4	5
90°	0	

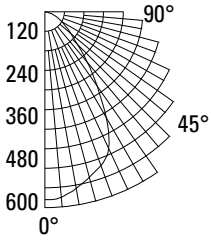
Zone	Lumens	%lamp
0°-30°	416	23.8
0°-40°	591	33.8
0°-60°	770	44.0
0°-90°	837	47.8
90°-180°	0	0.0
0°-180°	837	47.8*

* Efficiency

rf / rc / rw	80% 50%	80% 30%	20% 50% 50%	20% 50% 30%	30% 50% 50%	30% 50% 30%
1	52	51	49	48	47	47
2	48	46	45	44	44	43
3	44	41	42	40	40	39
4	41	38	39	37	38	36
5	38	35	36	34	36	33
6	35	32	34	31	33	31
7	32	29	31	28	31	28
8	30	27	29	27	29	26
9	28	25	27	24	27	24
10	26	23	25	23	25	22

Mount height	Initial fc at beam center	50% Beam angle 55.8° Beam diameter	50% Beam angle 55.8° fc at beam edge	10% Beam angle 88.5° Beam diameter	10% Beam angle 88.5° fc at beam edge
8'	19.0	5.8'	9.5	10.7'	1.9
10'	10.2	8.0'	5.1	14.6'	1.0
12'	6.4	10.1'	3.2	18.5'	0.6
14'	4.3	12.2'	2.2	22.4'	0.4
16'	3.2	14.3'	1.6	26.3'	0.3

6LB4, 100W A19 lamp, 1.1 s/mh, 1750 rated lumens, test no. 42870C2



From 0°	cp.	Lumens
0°	575	
5°	570	54
15°	524	148
25°	461	214
35°	279	175
45°	141	109
55°	78	70
65°	45	45
75°	17	17
85°	4	5
90°	0	

Zone	Lumens	%lamp
0°-30°	416	23.8
0°-40°	591	33.8
0°-60°	770	44.0
0°-90°	837	47.8
90°-180°	0	0.0
0°-180°	837	47.8*

* Efficiency

rf / rc / rw	80% 50%	80% 30%	20% 50% 50%	20% 50% 30%	30% 50% 50%	30% 50% 30%
1	52	51	49	48	47	47
2	48	46	45	44	44	43
3	44	41	42	40	41	39
4	41	38	39	37	38	36
5	38	35	36	34	36	33
6	35	32	34	31	33	31
7	32	29	31	28	31	28
8	30	27	29	27	29	26
9	28	25	27	24	27	24
10	26	23	25	23	25	22

Mount height	Initial fc at beam center	50% Beam angle 55.8° Beam diameter	50% Beam angle 55.8° fc at beam edge	10% Beam angle 88.5° Beam diameter	10% Beam angle 88.5° fc at beam edge
8'	19.0	5.8'	9.5	10.7'	1.9
10'	10.2	8.0'	5.1	14.6'	1.0
12'	6.4	10.1'	3.2	18.5'	0.6
14'	4.3	12.2'	2.2	22.4'	0.4
16'	3.2	14.3'	1.6	26.3'	0.3

ELECTRICAL CHARACTERISTICS

	120 Volt HPF		277 Volt HPF		347 Volt HPF	
Lamp	Maximum current	Input watts	Maximum current	Input watts	Maximum current	Input watts
(1) 9TT	0.140	11.0	0.170	14.0	0.190	15.0
(2) 9TT	0.280	22.0	0.340	28.0	0.380	30.0
(1) 13TT/DTT	0.285	17.0	0.340	22.0	0.330	24.0
(2) 13TT/DTT	0.570	34.0	0.680	44.0	0.660	48.0

Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change without notice.

Consult factory for additional photometric data.
To calculate light levels for other lamps, multiply the footcandle levels by the ratio of desired-lamp lumens to displayed-lamp lumens.

Example: fc level at nadir for 100W A19 is 19. With a 75W A19, fc level is 19 x (1,210/1,750) or 13 fc.

Incandescent Lamp	Incandescent Lumens	Compact Fluorescent Lamp	Compact Fluorescent Lumens
150 W A21	2,850	26W DTT	1,800
100W A19	1,750	18W DTT	1,250
75W A19	1,210	13W DTT	860
60W A19	870	9W DTT	575
40W A19	460		

Consult chart on page **ARD-103** for appropriate **R** or **PAR** lamp data.

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