

# RESIDENTIAL DOWNLIGHT RETROFIT



Constructed with a high-efficacy LED array and dimmable driver, the 6-inch Residential Downlight Retrofit features an optical diffuser that produces high lumen transmission and even illumination. The fixtures are suitable for damp locations. This six-inch downlight retrofit is the economical solution for consumers looking to reduce energy costs. These retrofits are offered in a variety of lumen packages appropriate for commercial and residential applications.

PROJECT NAME
CATALOG NUMBER
NOTES
FIXTURE TYPE

## FEATURES:

- High lumen transmission and diffusing for even illumination
- White paint finish standard
- 10-100 percent dimmable at 120V (see page 2 for recommended dimmers)
- Driver features power factor of >.90, THD of <20 percent and has integral thermal protection to sense high temperature or internal failure
- Supplied with E26 base adapter
- Virtually no UV emitted
- Five year limited warranty

## CONSTRUCTION:

- One-piece durable die-cast aluminum heat sink with integrated trim
- Module construction includes LEDs, heat sink, lens and baffle trim
- Impact-resistant plastic lens
- Fits recessed cans with torsion spring ('C' Shaped) brackets



### Luminaire Ordering Information:

Watts	Model Number	Inc. Equivalent	Lumens	CRI	Lamp Life (Hrs.)	Dimensions Dia" x H"	CCT
19	RR61927W	120W	1200	80	35,000	7.5" X 3.87"	2700
12	RR61227W	75W	750	80	35,000	7.5" X 3.87"	2700

MAX13164

Lighting layouts and spacing criteria available upon request



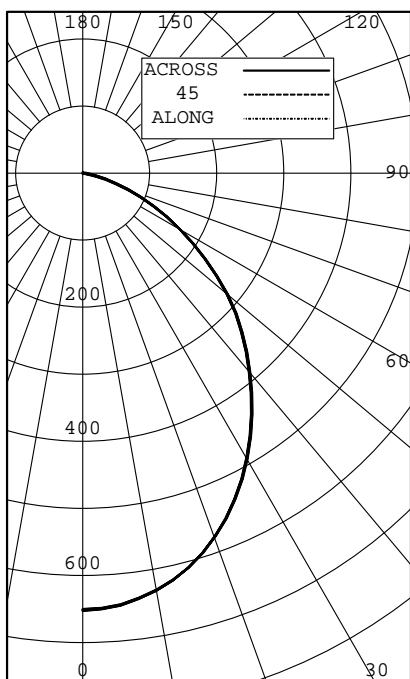
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## COMPATIBLE DIMMERS:

MAKE	DIMMER MODEL
Lutron	TG-600PR-IV
Lutron	S-600PR-WH
Lutron	CT-103P
Leviton	cat.NO.6683-P

**RR61927**



**INTENSITY (CANDLEPOWER) SUMMARY**

ANGLE	MEAN CP	LUMENS
0	651	
5	647	62
10	632	
15	609	171
20	577	
25	537	246
30	490	
35	439	274
40	387	
45	335	258
50	282	
55	223	199
60	168	
65	117	116
70	72	
75	35	40
80	11	
85	4	5
90	0	

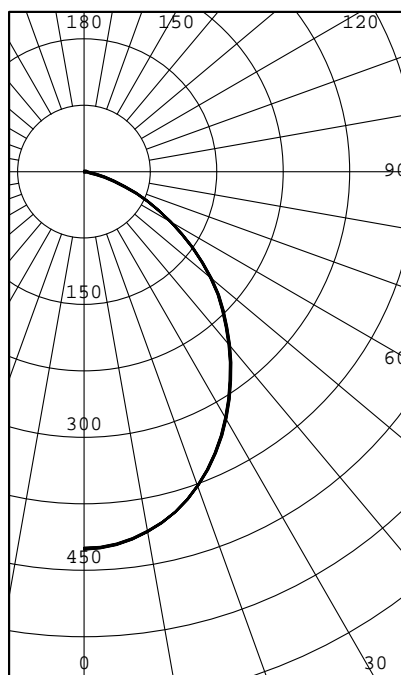
**ZONAL LUMENS AND PERCENTAGES**

ZONE	LUMENS	% LUMINAIRE
0-30	479	34.95
0-40	753	54.92
0-60	1210	88.26
0-90	1371	100.00
40-90	618	45.08
60-90	161	11.74
90-180	0	0.00

**LUMINANCE SUMMARY CD./SQ.M.**

ANGLE	MEAN CD/SQ M
45	31070
55	25465
65	18124
75	8928
85	3320

**RR61227**



**INTENSITY (CANDLEPOWER) SUMMARY**

ANGLE	MEAN CP	LUMENS
0	426	
5	422	41
10	413	
15	398	112
20	377	
25	351	161
30	321	
35	288	180
40	255	
45	222	171
50	187	
55	149	133
60	113	
65	79	79
70	49	
75	24	27
80	7	
85	3	3
90	0	

**ZONAL LUMENS AND PERCENTAGES**

ZONE	LUMENS	% LUMINAIRE
0-30	313	34.58
0-40	493	54.42
0-60	797	87.98
0-90	906	100.00
40-90	413	45.58
60-90	109	12.02
90-180	0	0.00
0-180	906	100.00

**LUMINANCE SUMMARY CD./SQ.M.**

ANGLE	MEAN CD/SQ M
45	20538
55	17055
65	12293
75	6060
85	2108

