

4" DOWNLIGHT RETROFIT

Constructed with a high-efficacy LED array and dimmable driver, the four-inch Downlight Retrofit features an optical diffuser that produces high lumen transmission and even illumination. The fixtures are suitable for damp locations. This four-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
- Dimmable down to 10% (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
- Suitable for use in damp locations
- 120V, 60Hz



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
- Uses spring clips to easily secure into a four-inch housing

COMPATIBLE DIMMERS:

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

Luminaire Ordering Information:

Order Code	Watts	Model Number	Inc. Equivalent	Lumens	CRI	Lamp Life (Hrs.)	Dimensions Dia" x H"	CCT
72883	11	RR41127W	50W	650	80	35,000	5.1" X 3.67"	2700
74214	12	RR41227WC	50W	600	90	35,000	5.1" X 3.67"	2700

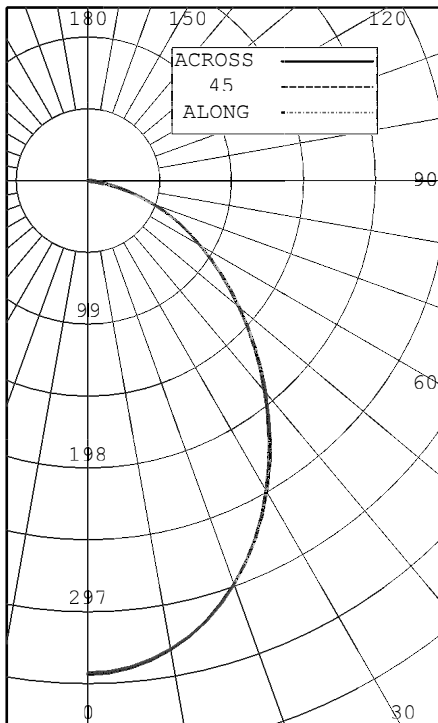
MAX13177

Lighting layouts and spacing criteria available upon request



4" DOWNLIGHT RETROFIT

RR41127W



INTENSITY (CANDLEPOWER) SUMMARY

ANGLE	MEAN CP	LUMENS
0	340	
5	337	32
10	328	
15	314	88
20	295	
25	272	125
30	246	
35	218	136
40	190	
45	162	125
50	136	
55	111	100
60	89	
65	69	68
70	48	
75	29	31
80	12	
85	1	3
90	0	

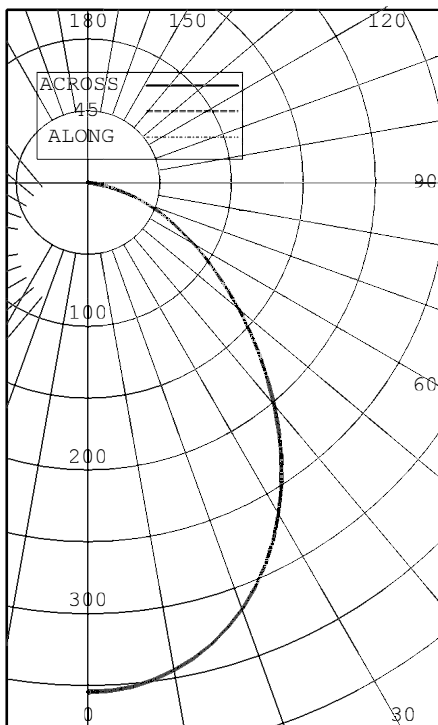
ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	245	34.62
0-40	381	53.81
0-60	606	85.88
0-90	708	100.00
40-90	327	46.19
60-90	102	14.45
90-180	0	0.00
0-180	708	100.00

LUMINANCE SUMMARY CD./SQ.M.

ANGLE	MEAN CD./SQ.M.
45	32315
55	27383
65	22915
75	15778
85	1909

RR41227WC



INTENSITY (CANDLEPOWER) SUMMARY

ANGLE	MEAN CP	LUMENS
0	354	
5	352	34
10	345	
15	332	93
20	315	
25	293	134
30	165	
35	235	146
40	202	
45	168	130
50	137	
55	109	98
60	85	
65	64	63
70	45	
75	27	29
80	12	
85	1	4
90	0	

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LUMINAIRE
0-30	261	35.76
0-40	407	55.75
0-60	635	86.89
0-90	730	100.00
40-90	323	44.25
60-90	96	13.11
90-180	0	0.00
0-180	730	100.00

LUMINANCE SUMMARY CD./SQ.M.

ANGLE	MEAN CD./SQ.M.
45	33548
55	26757
65	21385
75	14607
85	2384

