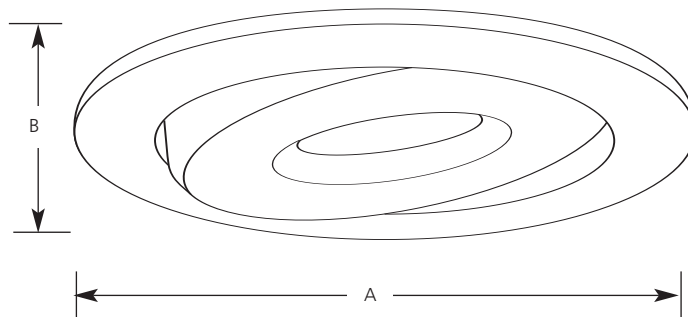
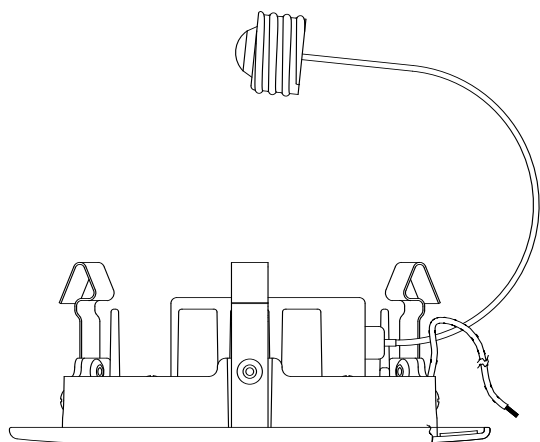


Type _____
 -30
 P8027

Catalog No.	Finish White	Dimensions (Inches)	
		A	B
P8027	-30	5	1-7/8



P8027

UL Classified for Use Only With the Following Recessed Luminaires (UL File E257838)

Manufacturer	Size	Model #
Progress Lighting®	4"	P830TG, P831AT
Halo®	4"	H99ICT, H99RT, H99T
Juno®	4"	TC1, TC1R, IC1
Commercial Electric®	4"	HBR20004, HB42000B
Nora®	4"	NSR-404Q/NSR404QAT, NSIC-401AT/NSIC-401QAT, NS-401Q

(Consult factory for other competitive housing compatibility)

Progress Lighting
 Post Office Box 5704
 Spartanburg, South Carolina
 29304-5704

Specifications:

Trim Assenbly

- White powder coat painted finish
- Adjusts to 30 degree tilt
- Frosted acrylic lens provides a 30 degree beam spread
- Spring action forces trim to fit snugly against ceiling
- No light leaks around trim flange
- Die cast construction

Lamping

- LED (Light Emitting Diode) Lamps included
- LED module is held in place with two screws and is replaceable
- Consumes 5 watts
- 2750K color temperature
- +40 LPW LED sources produce a total of over 200 Lumens

- 30,000+ hrs life
- Lamp contains no mercury, meets Calif. Title 22
- Meets California Title 24 high-effeciency requirements

Electrical

- Integral transformer
- Medium base on trim attaches to housing socket
- Dimmable using standard incandescent dimmers
- 120v input

Labeling

- UL-CUL listed

REPORT NUMBER: 1454
 PREPARED FOR: Progress Lighting
 CATALOG NUMBER: P830-TG/8027
 LUMINAIRE: 4" RECESSED/DOWNLIGHT
 LAMP: 1- 3 LED ARRAY/5WATTS
 BALLAST: A11250DIM PERMLIGHT
 MOUNTING: VERTICAL
 REPORT IS BASED ON 200 LUMENS PER LAMP.

DATE: 07/14/06

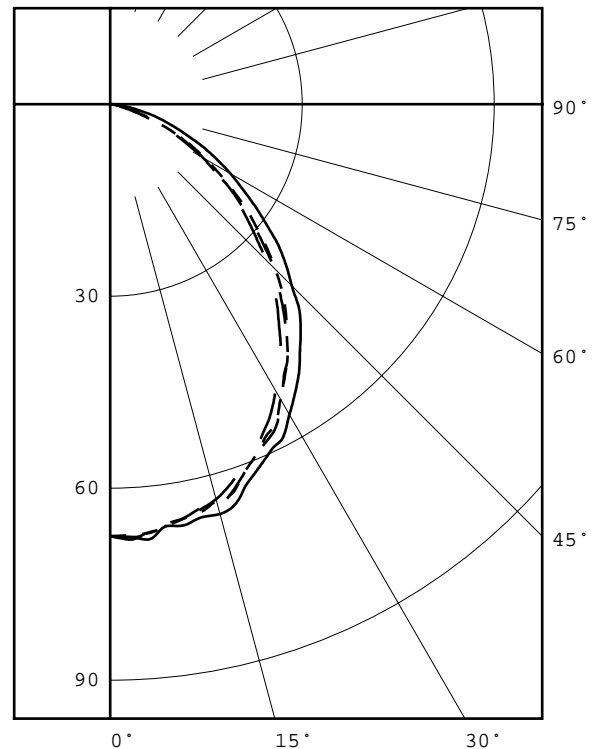
CANDELA DISTRIBUTION					FLUX
	0.0	90.0	180.0	270.0	
0	68	68	68	68	
5	67	68	68	67	6
15	64	66	65	64	18
25	57	60	58	57	27
35	48	51	48	46	30
45	37	40	36	34	28
55	23	28	23	22	21
65	12	16	11	12	13
75	3	7	3	4	5
85	0	1	0	0	1
90	0	0	0	0	

ZONAL LUMEN SUMMARY			
ZONE	LUMENS	%LAMP	%FIXT
0- 30	51	25.6	34.3
0- 40	82	40.8	54.7
0- 60	131	65.6	88.0
0- 90	149	74.6	100.0
90-180	0	0.0	0.0
0-180	149	74.6	100.0

TOTAL LUMINAIRE EFFICIENCY = 74.6 %

CIE TYPE - DIRECT
 PLANE : 0-DEG 90-DEG 180-DEG
 SPACING CRITERIA : 1.2 1.2 1.2
 PLANE : 0-DEG 90-DEG
 LUMINOUS LENGTH : 1.750 1.000

LUMINANCE DATA IN CANDELA/SQ METER			
ANGLE IN DEG	AVERAGE 0-DEG	AVERAGE 90-DEG	AVERAGE 180-DEG
45	45703.	50211.	45327.
55	35967.	42450.	35041.
65	25140.	34149.	23255.
75	9579.	24288.	8552.
85	2032.	11175.	2032.



LEGEND:
 0-deg: - - - - -
 90-deg: _____
 180-deg: - - - - -
 270-deg: - - - - -

Checked
Approved

REPORT NUMBER: 1454
PREPARED FOR: Progress Lighting

DATE: 07/14/06

ZONAL LUMEN SUMMARY

0- 5	2.
5- 10	5.
10- 15	8.
15- 20	10.
20- 25	13.
25- 30	14.
30- 35	15.
35- 40	15.
40- 45	15.
45- 50	13.
50- 55	12.
55- 60	10.
60- 65	8.
65- 70	5.
70- 75	3.
75- 80	1.
80- 85	1.
85- 90	0.

REPORT NUMBER: 1454

DATE: 07/14/06

PREPARED FOR: Progress Lighting

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	89	89	89	89	87	87	87	87	83	83	83	79	79	79	76	76	76	75
1	82	79	76	74	80	77	75	73	74	72	70	71	70	68	69	68	66	65
2	76	70	66	62	74	69	65	61	66	63	60	64	61	58	62	59	57	56
3	70	62	57	53	68	61	56	52	59	55	51	57	54	50	55	52	50	48
4	64	56	50	45	62	55	49	45	53	48	45	52	47	44	50	46	43	42
5	59	50	44	40	58	50	44	39	48	43	39	47	42	39	45	41	38	37
6	55	46	40	35	54	45	39	35	44	38	35	43	38	34	41	37	34	33
7	51	42	36	31	50	41	35	31	40	35	31	39	34	31	38	34	30	29
8	48	38	32	28	47	38	32	28	37	32	28	36	31	28	35	31	28	26
9	45	35	29	25	44	35	29	25	34	29	25	33	28	25	32	28	25	24
10	42	33	27	23	41	32	27	23	31	26	23	31	26	23	30	26	23	22

ALL CANDELA, LUMENS, LUMINANCE, COEFFICIENT OF UTILIZATION AND VCP VALUES IN THIS REPORT ARE BASED ON RELATIVE PHOTOMETRY WHICH ASSUMES A BALLAST FACTOR OF 1.000. ANY CALCULATIONS PREPARED FROM THESE DATA SHOULD INCLUDE AN APPROPRIATE BALLAST FACTOR.