



Compact Fluorescent
Trim

6" Pro-Optic™ Baffle
1 Horizontal Triple Tube Lamp
Non-IC

Recessed

Type _____
-28 -31
P8014

Catalog No.	Finish		Dimensions (Inches)		
	White	Black	A	B	C
P8014	-28	-31	7	5-3/4	4-3/4

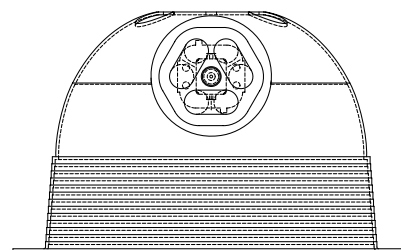
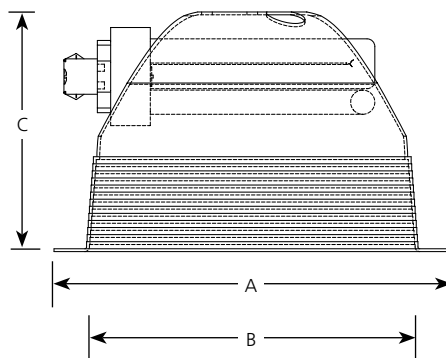
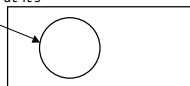
Maximum Ceiling Thickness = 1-1/4"

Ceiling Opening = 6-1/4"
(See guide for retrofit)

P162H

HOUSING COMPATIBILITY GUIDE		
ORDERING GUIDELINES	6 INCH OPENING RANGE	
	MIN	MAX
REQUIRES SD HOUSING OPTION	5-15/16	6-1/8
ALL STANDARD HOUSINGS	6-1/8	6-1/2
ONLY P8030 SERIES TRIMS AVAILABLE: "WF" OPTION	6-1/2	6-7/8

Dimensions shown are for the diameter of the frame flange at it's narrowest point



Lamp Wattage

Housing

New Construction	Retrofit	IC	Non-IC
P6132-EB	P162H-EB	N/A	1-26 or 32w Triple tube

Specifications:

Flange

- White painted metal flange

Reflector

- All aluminum construction
- One piece construction with integral flange
- Alzak anodized upper conoid reflector provides superior efficiency
- Painted lower baffle provides excellent glare control
- No light leaks around trim flange
- Socket box mounts to reflector for optimum performance and consistent lamp position

- Reflector retention accomplished by 3 spring clips located in aperture of housing
- Spun aluminum multigroove step baffle
- Single reflector accommodates both standard and internal emergency housings (new construction only)

Labeling

- cCSAus listed for damp location
- Non-IC rated

Progress Lighting
701 Millennium Blvd.
Greenville, South Carolina
29607

www.progresslighting.com



P6132-EB/P8014-28

6" DOWNLIGHT w/ Conoid White Painted Aluminum

Report No. 2381

No. Lamps: 1 Type Lamp: 1 - CF/32/TRIPLE OSRAM Total Lumens: 2400

Fixture Efficiency: 49.0%

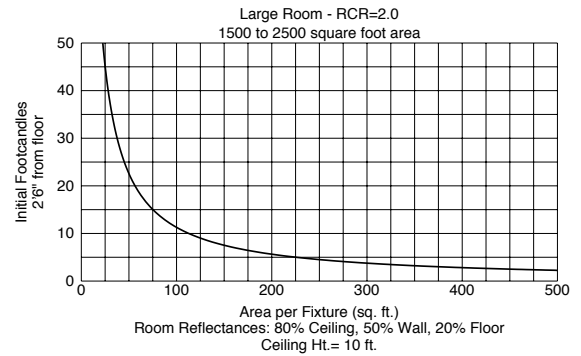
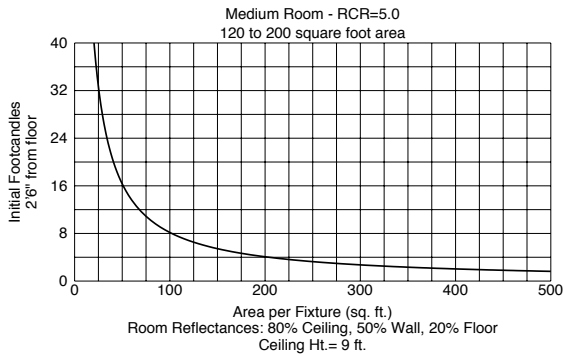
S/MH Ratio: 1.3 (0°) 1.3 (90°)

Single Fixture Data

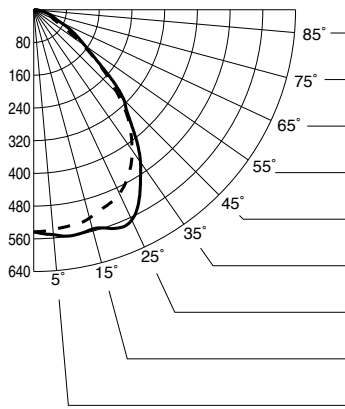
Ceiling Ht.(Ft.)	10% Values		Zero Degrees Ft.-C	50% Values	
	Beam Angle - 101°			Beam Angle - 66°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	1.8	13	18.0	9.0	7
10	1.0	18	9.7	4.8	10
12	0.6	23	6.0	3.0	12
14	0.4	28	4.1	2.1	15
16	0.3	33	3.0	1.5	18

Ft.-C (Footcandles) are initial and measured 2'-6" from floor

Quick Calculator Charts



DISTRIBUTION CURVE



INTENSITY DATA

DEGREES	CANDELA	
	AT 0°	AT 90°
90	0	0
85	10	9
80	22	20
75	36	32
70	51	44
65	72	52
60	114	83
55	153	140
50	219	211
45	312	290
40	375	364
35	455	419
30	519	464
25	567	496
20	569	512
15	555	527
10	560	535
5	552	539
0	543	543

ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 0.20

RC	Effective Floor Cavity Reflectance 0.20																	
	80				70				50				30				10	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	58	58	58	58	57	57	57	57	54	54	54	52	52	52	50	50	50	49
1	54	52	51	49	53	51	50	48	49	48	47	47	46	45	46	45	44	43
2	50	47	44	42	49	46	43	41	44	42	40	43	41	39	41	40	39	38
3	46	42	39	36	45	41	38	36	40	37	35	39	36	34	37	35	34	33
4	43	38	34	31	42	37	34	31	36	33	31	35	32	30	34	32	30	29
5	40	34	30	28	39	34	30	27	33	30	27	32	29	27	31	29	27	26
6	37	31	27	25	36	31	27	24	30	27	24	29	26	24	28	26	24	23
7	35	29	25	22	34	28	25	22	28	24	22	27	24	22	26	24	22	21
8	32	26	22	20	32	26	22	20	25	22	20	25	22	20	24	22	19	19
9	30	24	21	18	30	24	20	18	23	20	18	23	20	18	22	20	18	17
10	28	22	19	16	28	22	19	16	22	19	16	21	18	16	21	18	16	15



P6132-EB/P8014-31

6" DOWNLIGHT w/ Conoid Black Painted Aluminum

Report No. 2382

No. Lamps: 1 Type Lamp: 1 - CF/32/TRIPLE OSRAM Total Lumens: 2400

Fixture Efficiency: 41.2%

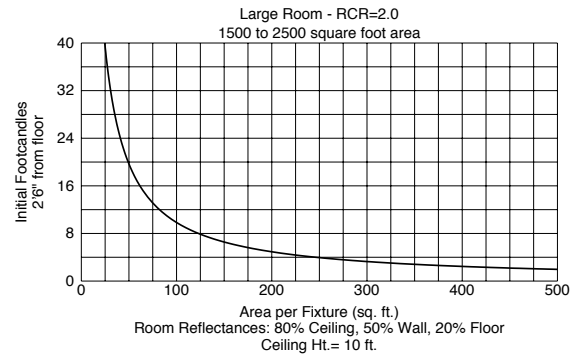
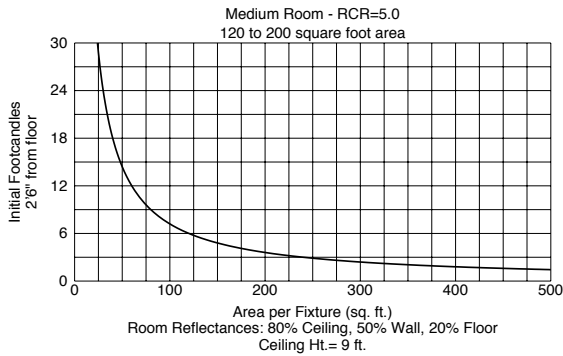
S/MH Ratio: 1.3 (0°) 1.2 (90°)

Single Fixture Data

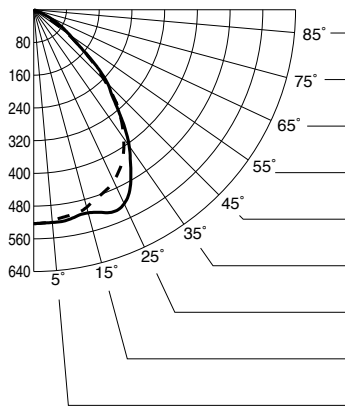
Ceiling Ht.(Ft.)	10% Values		Zero Degrees	50% Values	
	Beam Angle - 98°			Beam Angle - 64°	
	Ft.-C	Beam Dia.		Ft.-C	Beam Dia.
8	1.7	13	17.3	8.6	7
10	0.9	17	9.3	4.6	9
12	0.6	22	5.8	2.9	12
14	0.4	27	4.0	2.0	14
16	0.3	31	2.9	1.4	17

Ft.-C (Footcandles) are initial and measured 2'-6" from floor

Quick Calculator Charts



DISTRIBUTION CURVE



INTENSITY DATA

DEGREES	CANDELA	
	AT 0°	AT 90°
90	0	0
85	0	0
80	1	0
75	12	3
70	12	3
65	31	8
60	70	43
55	107	97
50	168	167
45	256	247
40	322	325
35	407	383
30	475	431
25	523	462
20	528	481
15	514	500
10	519	510
5	522	518
0	523	523

ZONAL CAVITY COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 0.20

RC	Effective Floor Cavity Reflectance 0.20																	
	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	49	49	49	49	48	48	48	48	46	46	46	44	44	44	42	42	42	41
1	46	45	43	42	45	44	43	42	42	41	40	41	40	39	39	39	38	37
2	43	41	38	37	42	40	38	36	38	37	35	37	36	35	36	35	34	33
3	40	37	34	32	39	36	34	32	35	33	31	34	32	31	33	31	30	29
4	37	33	30	28	36	33	30	28	32	29	28	31	29	27	30	28	27	26
5	35	30	27	25	34	30	27	25	29	27	25	28	26	24	28	26	24	23
6	32	28	25	22	32	27	24	22	27	24	22	26	24	22	25	23	22	21
7	30	25	22	20	30	25	22	20	25	22	20	24	22	20	23	21	20	19
8	28	23	20	18	28	23	20	18	23	20	18	22	20	18	22	20	18	17
9	27	22	19	17	26	21	19	17	21	18	17	21	18	16	20	18	16	16
10	25	20	17	15	24	20	17	15	19	17	15	19	17	15	19	17	15	14