

DESCRIPTION

Round cylinder fixture in choice of white, matte black or bronze finish can be used to blend with or accent varying architectural styles. Choice of reflector types and finishes allows customizing of lighting effects. Adjustable socket cap adjusts without tools to maintain proper filament position and focus when alternate lamp sizes are used. Pendant kits allow unit to be stem hung on ceilings with up to 45° slope.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

A ... Reflector

Alzak® reflector, .050 thick aluminum, with a spun parabolic contour. Positive reflector mounting via keyed holes and screws.

B ... Baffle

Black seamless aluminum Coilex grooved baffle.

C ... Housing

Round seamless .050 spun aluminum housing available in white, bronze or matte black.

D ... Mounting

Mounting canopy installs to ceiling mounted junction box. Insulating pad included in mounting canopy.

E ... Socket

Socket adjusts and locks in position without tools for two

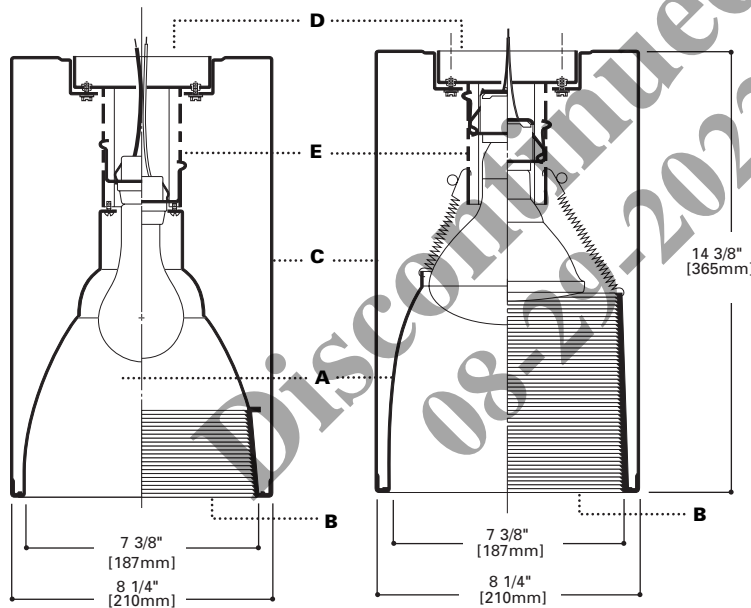
different size lamps. Medium base porcelain socket with nickel plated brass screw shell.

Thermal Protector

Provides protection against over-lamping and improper use of ceiling insulation.

Labels

cULus listed, standard damp label.



H8800
1800
4800
4855

150W A21
200W A23
250W PAR38
300W R40

8" CEILING MOUNT

NOTES:
Accessories should be ordered separately. For additional options, please consult your Cooper Lighting Solutions Representative. Alzak is a registered trademark of Aluminum Company of America.

ORDERING INFORMATION

Sample Number: Complete unit consists of housing, ballast and trim.

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Housing

H8800- Incandescent Ceiling Mount or Suspended

Housing Finish

P- White
BZ- Bronze
MB- Matte Black

Trims

1800- Reflector
4800- R/PAR Reflector

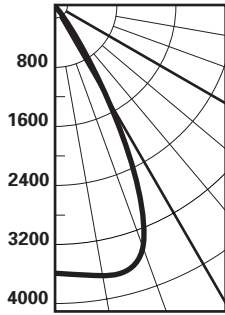
Finish

B- Black (1800 & 4800)
G- Gold (1800 & 4800)
GP- Graphite (1800 & 4800)
GPH- Graphite Haze (1800 & 4800)
H- Haze (1800 & 4800)
LI- Low Iridescent Clear(1800 & 4800)
W- Gloss White (1800 & 4800)
WH- Wheat (1800 & 4800)
WHH- Wheat Haze
WMH- Warm Haze (1800 & 4800)

Accessories

H836P- Pendant Kit, White, 36"
H836BZ- Pendant Kit, Bronze, 36"
H836MB- Pendant Kit, Black, 36"

Candlepower Distribution



Test No. E395-361
H8800T-1800C
 Lamp = 200WA23IF
 Lumens = 4010
 Spacing Criteria = 0.8
 Efficiency = 75.3%

Candlepower

Deg.	CD
0	3553
5	3579
15	3635
25	2700
35	601
45	48
55	4
65	1
75	0
85	0
90	0

Average Luminance

Deg.	CD/SQ M
45	2459
55	253
65	86
75	0
85	0

Cone of Light

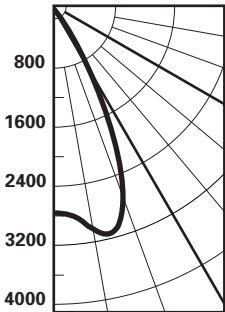
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
5'6"	118	6'6"
6'6"	84	7'6"
8'0"	56	8'6"
10'0"	36	10'6"
12'0"	25	12'6"
14'0"	18	14'6"

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.

Footcandle values are initial, apply appropriate light loss factors where necessary.

Cone Color Multiplier **Lamp Wattage Multiplier**
 Gold x 0.90 150WA21 x 0.71

Candlepower Distribution



Test No. E395-366
H8800T-1800BA
 Lamp = 200WA23IF
 Lumens = 4010
 Spacing Criteria = 0.8
 Efficiency = 59.9%

Candlepower

Deg.	CD
0	2750
5	2804
15	3125
25	2063
35	425
45	35
55	5
65	2
75	0
85	0
90	0

Average Luminance

Deg.	CD/SQ M
45	1793
55	316
65	171
75	0
85	0

Cone of Light

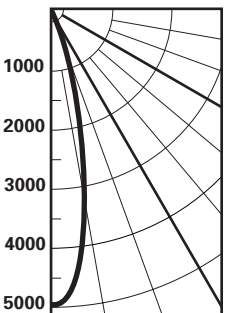
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
5'6"	91	5'0"
6'6"	65	6'0"
8'0"	43	7'6"
10'0"	28	9'6"
12'0"	19	11'6"
14'0"	14	13'6"

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.

Footcandle values are initial, apply appropriate light loss factors where necessary.

Lamp Wattage Multiplier
 150WA21 x 0.71

Candlepower Distribution



Test No. E395-409
H8800TP-4800C
 Lamp = 150WR40SP
 Lumens = 1900
 Spacing Criteria = 0.4
 Efficiency = 59.0%

Candlepower

Deg.	CD
0	4959
5	4624
15	1762
25	317
35	67
45	2
55	0
65	0
75	1
85	0
90	0

Average Luminance

Deg.	CD/SQ M
45	102
55	0
65	0
75	140
85	0

Cone of Light

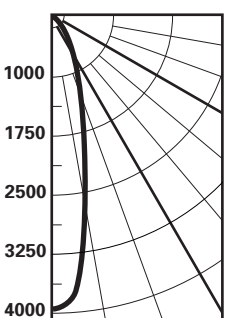
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
8'0"	77	3'6"
10'0"	49	4'0"
15'0"	22	6'6"
20'0"	12	9'0"
25'0"	8	11'6"

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.

Footcandle values are initial, apply appropriate light loss factors where necessary.

Lamp Wattage Multiplier
 200W x 1.08

Candlepower Distribution



Test No. H23154
H8800TP-4800BA
 Lamp = 90PAR38FL
 Lumens = 1250
 Spacing Criteria = 0.4
 Efficiency = 73.1%

Candlepower

Deg.	CD
0	3953
5	3649
15	1758
25	150
35	14
45	3
55	2
65	1
75	1
85	0
90	0

Average Luminance

Deg.	CD/SQ M
45	149
55	122
65	83
75	136
85	0

Cone of Light

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
5'6"	131	2'6"
6'6"	94	3'0"
8'0"	62	4'0"
10'0"	40	5'0"
12'0"	27	6'0"
14'0"	20	7'0"

Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.

Footcandle values are initial, apply appropriate light loss factors where necessary.

Lamp Wattage Multiplier
 75W x 0.72
 150W x 1.39