HALO®

DESCRIPTION

A pendant mounted downlight suspended by twin aircraft type cables with aluminum reflector for 100 watt incandescent light source. The Chorus series is available with acrylic refractor or aluminum reflector rated for 100 watt incandescent, 26/32/42 watt compact fluorescent and 70 watt ceramic metal halide light sources. Compact fluorescent and ceramic metal halide versions use universal input electronic ballast suitable for 120 to 277 VAC supply.
These pendants are suited for general ambient and task lighting for commercial and institutional spaces including retail stores, supermarkets, community centers and schools where a clean contemporary appearance is desired.

DESIGN FEATURES

A ···Reflector
Spun aluminum reflector with matte silver finish.

B ···Ballast/Socket Housing
Spun aluminum housing supported by a die formed steel frame with Edison medium base (E26) ceramic socket.

C ···Mounting Cables
Fixture is suspended by two aircraft type cables. Dual suspension points allow fixture to be easily levelled and aligned within the mounting plane.

D ···Power Cable
Three conductor cable is terminated to a quick disconnect type connector that plugs into a mating connector in the ballast/socket housing. The power supply connector simplifies installation and fixture servicing. The other end of the cable is attached through the canopy with a strain relief allowing full mounting height adjustment.

E ···Canopy
Mounting plate and cover of die formed steel. The mounting plate has provisions for two 1/2" trade size fittings, meets code requirements for an electrical junction box and is suitable for attaching to all types of mounting surfaces. Slots are provided for direct mounting to an octagon or square (4 x 4) trade box. A plaster reducing ring with 2 3/4" trade size mounting center is required when using a 4 x 4 trade box.

F ···Glass Diffuser
Optional glass diffuser provides even light distribution and shields fixture interior from insects and dirt. Diffuser attaches to reflector with two cylindrical clamps.

Labels
Meets UL 1598,
cULus listed/certified

H2601 CHORUS

100W
A19

12"
ALUMINUM REFLECTOR PENDANT DOWNLIGHT

Dimensional drawings

- 8 1/2" (216mm)
- 1" (25.4mm)
- 118" (3000mm)
- 13" (330mm)
- 4 1/4" (108mm)
- 6 9/16" (167mm)
- 2" (50.8mm)
- 12 1/2" (318mm)
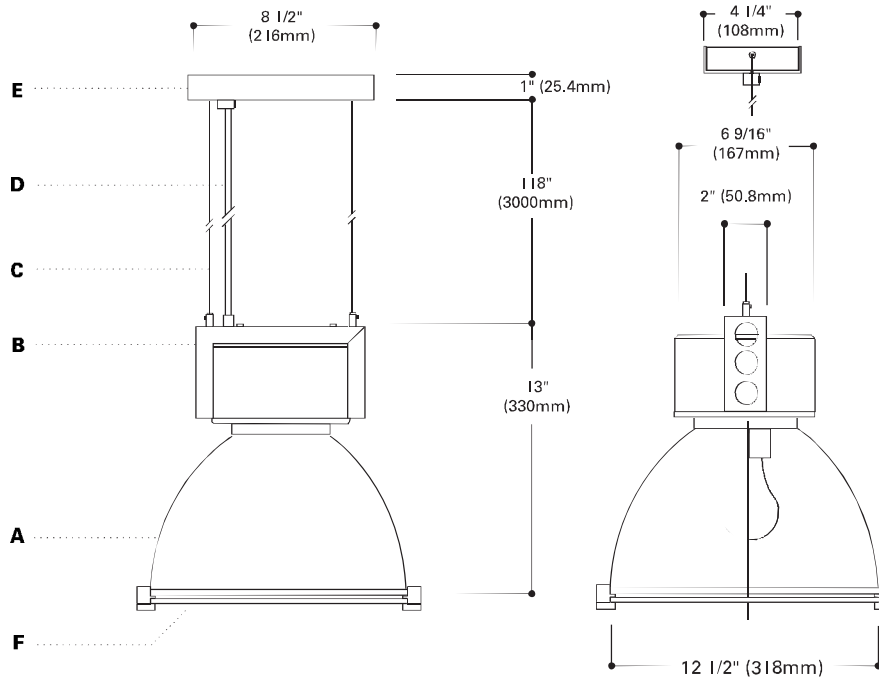
ORDERING INFORMATION

SAMPLE NUMBER: H2601SL

Pendant

H2601SL=12" Diameter Aluminum Reflector Pendant Downlight, Silver
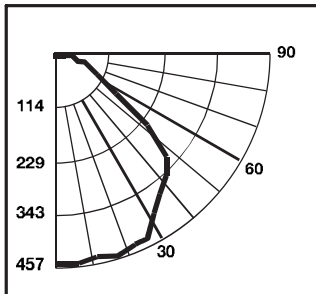
Accessories

Diffuser
GDK12=12" Glass Diffuser Kit

Note: Accessories should be ordered separately.

PHOTOMETRICS

Candlepower Distribution

Test No. 11870.0

H2601
Lamp=100WA19
Lumens=1750

Spacing Criteria=1.3
Efficiency=60.7%

Candlepower

Deg.	CD		Deg.	CD
0	453		50	248
5	457		55	143
10	457		60	87
15	454		65	59
20	448		70	39
25	437		75	20
30	397		80	10
35	369		85	2
40	350		90	0
45	319			

Average Luminance

Deg.	CD/SQ M
45	6140
55	3388
65	1891
75	1038
85	332

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Luminaire
0-30	370.32	21.2	34.7
0-40	603.07	34.5	56.5
0-60	979.7	56	91.8
0-90	1067.26	61	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	1067.26	61	100

Coefficient of Utilization

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
RCR																		
0	73	73	73	73	71	71	71	71	68	68	68	65	65	65	62	62	62	61
1	68	65	63	61	66	64	62	60	61	60	58	59	58	57	57	56	55	54
2	63	58	55	52	61	57	54	51	55	52	50	53	51	49	51	50	48	47
3	58	52	48	44	56	51	47	44	50	46	43	48	45	43	46	44	42	41
4	53	47	42	39	52	46	42	38	45	41	38	43	40	37	42	39	37	36
5	49	42	37	34	48	42	37	34	40	36	33	39	36	33	38	35	33	31
6	46	38	33	30	45	38	33	30	37	33	29	36	32	29	35	32	29	28
7	43	35	30	27	42	34	30	27	34	29	26	33	29	26	32	29	26	25
8	40	32	27	24	39	32	27	24	31	27	24	30	26	24	29	26	23	22
9	37	29	25	22	36	29	25	22	28	24	21	28	24	21	27	24	21	20
10	35	27	23	20	34	27	23	20	26	22	20	26	22	19	25	22	19	18

rc=Ceiling reflectance, rw=Wall reflectance, rcr=Room cavity ratio: CU Data Based on 20% Effective Floor Cavity Reflectance.

COOPER Lighting