

DESCRIPTION

A pendant mounted downlight suspended by twin aircraft type cables with aluminum reflector for 70 watt ceramic metal halide 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.

DESIGN FEATURES

A...Refractor

Spun aluminum reflector with matte silver finish.

B...Ballast/Socket Housing

Spun aluminum housing supported by a die formed steel frame with electronic ballast suitable for operating a 70 watt ceramic metal halide lamp. Ballast also features universal voltage input and will operate at 120 through 277 volts. A pulse rated extended husk Edison medium base (E26) ceramic socket prevents unprotected lamps from being used in this open luminaire.

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

Catalog #	Type
Project	
Comments	
Prepared by	Date

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

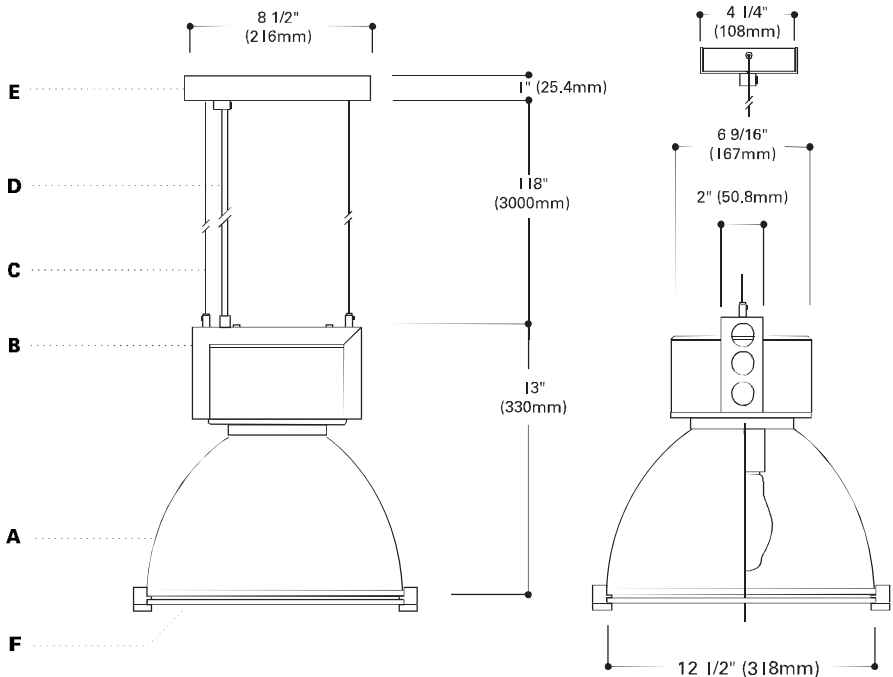
Meets UL 1598; cULus listed / certified; Meets FCC Part 18 non-consumer limits.



**H2601E70
CHORUS**

70W
Ceramic Metal Halide

12"
**ALUMINUM
REFLECTOR**
PENDANT DOWNLIGHT



Energy Data

70W Metal Halide
Electronic Ballast
Input Watts:
120V = 79.0W
277V = 79.0W
Input Current:
120V = 0.67A
277V = 0.29A
Power Factor: 90%
THD: <15%
Sound Rating: A

ORDERING INFORMATION

SAMPLE NUMBER: H2601E70SL

Pendant

H2601E70SL=12" Diameter Aluminum Reflector Pendant, Silver

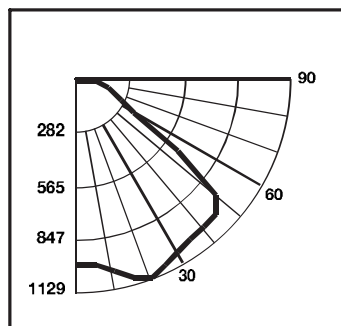
Accessories

Diffuser
GDK12=12" Glass Diffuser Kit

NOTE: Accessories should be ordered separately

PHOTOMETRICS

Candlepower Distribution



Test No. 11878.0

H2601E70P

Lamp=70WE17

Lumens=5500

Spacing Criteria=1.6

Efficiency=60.4%

Candlepower

Deg.	CD	Deg.	CD
0	989	50	972
5	1010	55	664
10	1036	60	344
15	1093	65	245
20	1129	70	161
25	1108	75	94
30	1065	80	41
35	1049	85	11
40	1047	90	0
45	1026		

Average Luminance

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

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Luminaire
0-30	916.12	16.7	27.6
0-40	1577.12	28.7	47.5
0-60	2953.4	53.7	89
0-90	3319.3	60.4	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	3319.3	60.4	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	50	30	10	0
RCR																					
0	72	72	72	72	70	70	70	70	67	67	67	64	64	64	62	62	62	60	60	60	60
1	66	64	62	60	65	63	61	59	60	58	57	58	56	55	56	55	54	52	52	52	52
2	61	56	53	50	59	55	52	49	53	50	48	51	49	47	50	48	46	45	45	45	45
3	56	50	45	42	54	49	45	41	47	44	41	46	43	40	44	41	39	38	38	38	38
4	51	44	39	36	50	44	39	35	42	38	35	41	37	34	39	36	34	33	33	33	33
5	47	40	34	31	46	39	34	30	38	33	30	37	33	30	35	32	29	28	28	28	28
6	43	36	30	27	42	35	30	27	34	30	26	33	29	26	32	29	26	25	25	25	25
7	40	32	27	23	39	32	27	23	31	26	23	30	26	23	29	26	23	22	22	22	22
8	37	29	24	21	36	29	24	21	28	24	21	27	23	20	27	23	20	19	19	19	19
9	35	27	22	19	34	26	22	19	26	21	18	25	21	18	24	21	18	17	17	17	17
10	32	25	20	17	32	24	20	17	24	19	17	23	19	17	23	19	16	15	15	15	15

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

Note: Specifications and Dimensions subject to change without notice.