

ICETRON™ 15" ROUND INDUCTION PARABOLIC CYLINDER

ICEC15

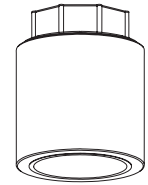
SUBMITTAL:

INDUCTION

JOB:

TYPE:

VOLTAGE:



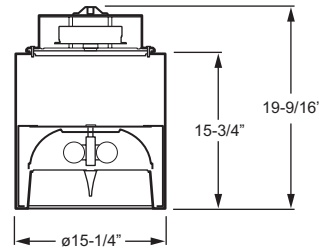
EXAMPLE ICEC15 - 100 - 41K - WHT - CS/CCL - PM - OPTIONS - UNV

↓ SERIES
 ↓ SYSTEM WATTAGE
 ↓ COLOR TEMPERATURE
 ↓ HOUSING FINISH
 ↓ REFLECTOR FINISH
 ↓ MOUNTING
 ↓ OPTIONS
 ↓ VOLTAGE

FEATURES

- ▶ 100,000-hour lamp life significantly reduces maintenance where re-lamping is inconvenient or expensive.
- ▶ 5-year warranty for parts and labor on ICETRON™ system (ICETRON™ lamp and ballast only).
- ▶ Induction lamps provide excellent lumen maintenance—70% at 60,000 hours.
- ▶ 80 CRI (color rendering index).
- ▶ 100W and 150W systems operate in ambient temperatures as low as -40°C/-40°F (-25°C/-13°F with 70W systems).¹
- ▶ 35°C maximum ambient operating temperature.¹
- ▶ Instant-on/instant-restrike.
- ▶ Low EMI—complies with FCC non-consumer limits.
- ▶ Self-flanged aluminum reflector prevents light leaks and is available in assorted colors.
- ▶ Standard cylinder colors are bronze, black, white, or silver aluminum (must specify when ordering).
- ▶ Custom colors are available—consult factory.
- ▶ The Williams Downlighting universal mounting hub allows the fixture to be pre-installed without the housing to provide temporary lighting and prevent damage to the housing during finishing.
- ▶ This fixture is proudly made in the USA.

¹ Data is lamp-specific. Ambient temperature ratings vary with lamp and voltage—consult factory. Extremely low temperatures may result in reduced light output.



SPECIFICATIONS

Housing – Heavy-gauge aluminum construction.

Housing Finish – Polyester powder coat bonded to phosphate-free, multi-stage pretreated metal.

Reflector/Louwer (CCL) Finish – Low-iridescent aluminum. Clear semi-specular (CS) finish standard.

Electrical – Electronic 120-277V ballast standard. Thermally protected. Prewired at factory for easy field installation.

Mounting – Pendant (indoor applications only) or wall mount only.

Labels – cCSAus certified as luminaire suitable for dry or damp locations.

ORDERING INFORMATION

SERIES

ICEC15 ICETRON™ 15" Round Induction Parabolic Cylinder

LAMP OPTIONS (Must specify)

SYSTEM	WATTAGE	LUMENS
70	70-watt	6500
100	100-watt	8000
150S ²	150-watt	11000

COLOR TEMPERATURE (Must specify)

35K 3500K
41K 4100K
50K 5000K

HOUSING FINISH (Must specify)

ALUM Silver aluminum
BLK Black
BRZ Bronze
WHT White
RAL# Consult factory for custom colors

REFLECTOR FINISH—CONE & CROSS LOUVER (Must specify)

CS/CCL Clear semi-specular (standard)
CG/CCL Champagne gold
GD/CCL Gold
PW/CCL Pewter
SG/CCL Satin-glow
STR/CCL Straw
WT/CCL Wheat

MOUNTING (Pendant or wall mount only, must specify)

PM Pendant mount (swivel canopy with stem, specify length, 4" minimum, 24" default, indoor applications only)
WM Wall mount

OPTIONS

F Single fuse (120V or 277V only; must specify voltage)
DF Double fuse (208V or 240V only; must specify voltage)

VOLTAGE (Must specify)

UNV 120-277V

² 150S system consists of an ICETRON 100/2P/ECO lamp and a QT 1x150 ICE/UNV-T ballast.

INDUCTION

PHOTOMETRY INFORMATION

Catalog #: ICEC15-100/12-CCL

TEST REPORT INFORMATION

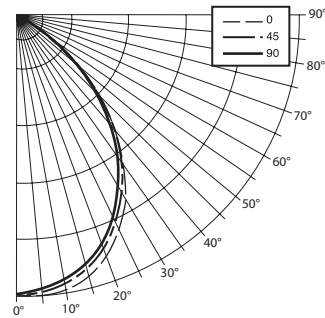
- ▶ Test Report #: 10620.0
- ▶ Date: 03/10/00
- ▶ Lamp Type: ICETRON 100/QT100
- ▶ Lamp Quantity: 1
- ▶ Rated Lumens: 8000.

DESCRIPTION

- ▶ 1/100W ICETRON™ Induction Lamp
- ▶ 15" Round Luminaire with Specular Reflector
- ▶ 3.5" Deep Specular Cone and Semi-Specular Cross Baffle
- ▶ Sylvania Ballast #QT 1x100/1220-240-ICE

CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	2425.	2425.	2425.	
5°	2441.	2416.	2392.	229.0
15°	2361.	2292.	2262.	649.6
25°	2063.	2000.	1921.	926.2
35°	1586.	1564.	1497.	996.1
45°	958.	999.	1011.	789.3
55°	336.	369.	333.	306.4
65°	37.	30.	27.	28.3
75°	5.	5.	5.	5.3
85°	0.	0.	0.	.0
90°	0.	0.	0.	



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	1805.	22.6	45.9
0 - 40	2801.	35.0	71.3
0 - 60	3897.	48.7	99.1
0 - 90	3930.	49.1	100.0
Total Luminaire:			
0 - 180	3930.	49.1	100.0
IES Spacing Criteria: End = 1.1 Diagonal = 1.1 Across = 1.1			

ZONAL CAVITY COEFFICIENTS

Room Cavity Ratio	Ceiling									
	.80		.70		.50		.30		.10	
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10
0	.58	.58	.58	.57	.57	.57	.55	.55	.55	
1	.55	.54	.53	.54	.53	.52	.51	.50	.49	
2	.52	.50	.47	.51	.49	.47	.47	.45	.44	
3	.49	.46	.43	.48	.45	.42	.44	.41	.40	
4	.46	.42	.39	.45	.41	.38	.40	.38	.36	
5	.43	.38	.35	.42	.38	.35	.37	.34	.32	
6	.40	.35	.32	.39	.35	.32	.34	.31	.29	
7	.37	.32	.29	.37	.32	.28	.31	.28	.26	
8	.35	.29	.26	.34	.29	.26	.28	.25	.23	
9	.32	.26	.23	.32	.26	.23	.26	.23	.20	
10	.30	.24	.21	.29	.24	.21	.23	.20	.18	

Effective Floor Cavity Reflectance = .20

QUANTITY ESTIMATOR

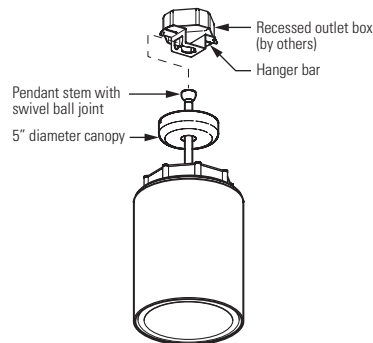
Room Size	±50 fc.	±75 fc.	±100 fc.
20' x 20' (400 sq. ft.)	9	16	20
30' x 30' (900 sq. ft.)	16	25	36
40' x 40' (1,600 sq. ft.)	25	42	56

Calculations based on standard reflectance of 80/50/20 and a light loss factor of .95 with a 20'-0" ceiling height.

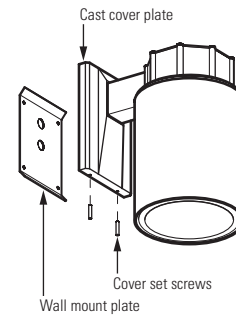
COLOR CONVERSION FACTORS

Catalog Number	Description	Conversion Factor
CG	Champagne gold	0.96
GD	Gold	0.93
PW	Pewter	0.86
STR	Straw	0.97
WT	Wheat	0.88

MOUNTING OPTIONS



Pendant Mount
(indoor applications only)



Wall Mount