

32" ROUND INDUCTION LOW BAY

ICELB32

SUBMITTAL:

INDUCTION

JOB:

TYPE:

VOLTAGE:

EXAMPLE

ICELB32 - (2) 150 - 35K - WHT - OPTIONS - UNV

SERIES

TOTAL LAMPS

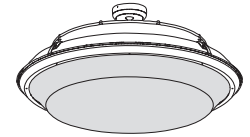
WATTAGE

COLOR TEMPERATURE

FINISH

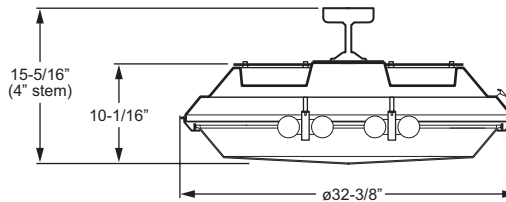
OPTIONS

VOLTAGE



FEATURES

- ▶ 100,000 hour lamp life significantly reduces maintenance where re-lamping is inconvenient or expensive.
- ▶ Induction lamps provide excellent lumen maintenance—70% at 60,000 hours.
- ▶ Lamps are available in 3500K and 4100K color temperatures.
- ▶ 80 color rendering index (CRI).
- ▶ 36°C/96°F maximum ambient operating temperature. -40°C/-40°F minimum ambient operating temperature.¹
- ▶ Instant-on/instant-restrike.
- ▶ Clear, prismatic acrylic drop diffuser provides uniform illumination.
- ▶ Special air flow design provides thermal management.
- ▶ Low 16" profile when ordered with standard 4" pendant mount.
- ▶ Standard housing colors are white, black, bronze, or silver aluminum (specify when ordering).
- ▶ This fixture is proudly made in the USA.



SPECIFICATIONS

Housing – Heavy-gauge spun aluminum construction.

Reflective Surfaces – 92% minimum average reflective white polyester powder coated finish.

Shielding – Clear, prismatic acrylic drop diffuser.

Finish – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.

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

Mounting – Pendant mount swivel canopy with stem. Indoor applications only.

Labels – UL/CUL listed for dry or damp locations.

ORDERING INFORMATION

SERIES

ICELB32 32" Round Induction Low Bay

TOTAL LAMPS

(2) 2 lamps

LAMP WATTAGE

100 100-watt
150S² 150-watt (11,000 lumens)²
150L³ 150-watt (12,000 lumens)³

LAMP COLOR TEMPERATURE

35K 3500K
41K 4100K

FINISH (Must specify)

Consult factory for custom colors.

WHT White
BLK Black
BRZ Bronze
ALUM Silver aluminum

OPTIONS

F Fuse (must specify voltage)
PM Pendant mount (swivel canopy with stem, specify length, 4" minimum, 24" default, indoor applications only)

VOLTAGE

120 120V
277 277V
UNV 120-277V

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

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

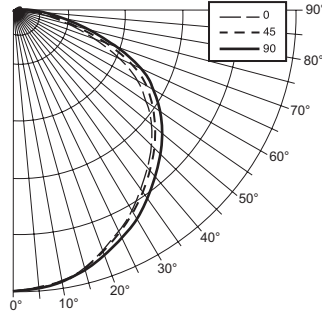
³ 150L system consists of an ICETRON 150/2P/ECO lamp and a QT 1x150 ICE/UNV-T ballast.

PHOTOMETRY INFORMATION

Catalog #: ICELB32-(2)150

TEST REPORT INFORMATION

- ▶ Test Report #: 11656.0
- ▶ Date: 08/29/02
- ▶ Lamp Type: ICETRON 150/QT150
- ▶ Lamp Quantity: 2



CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	5742.	5742.	5742.	
5°	5712.	5698.	5722.	544.7
15°	5445.	5465.	5515.	1551.1
25°	5018.	5066.	5171.	2348.4
35°	4501.	4576.	4736.	2885.7
45°	3933.	4019.	4220.	3128.8
55°	3279.	3441.	3640.	3079.6
65°	2424.	2671.	2870.	2631.4
75°	1267.	1403.	1602.	1495.2
85°	496.	600.	696.	643.5
90°	311.	348.	409.	

ZONAL CAVITY COEFFICIENTS

	Ceiling	.80			.70			.50		
	Wall	.70	.50	.30	.70	.50	.30	.50	.30	.10
Room Cavity Ratio	0	.93	.93	.93	.90	.90	.90	.86	.86	.86
	1	.84	.81	.77	.82	.79	.75	.75	.72	.70
	2	.77	.70	.65	.74	.68	.63	.65	.61	.58
	3	.70	.62	.55	.68	.60	.54	.58	.53	.48
	4	.64	.54	.48	.62	.53	.47	.51	.46	.41
	5	.58	.48	.41	.56	.47	.40	.45	.39	.34
	6	.53	.43	.35	.52	.42	.35	.40	.34	.30
	7	.49	.38	.31	.47	.37	.31	.36	.30	.26
	8	.45	.34	.27	.44	.33	.27	.32	.26	.22
	9	.41	.31	.24	.40	.30	.24	.29	.23	.19
	10	.38	.28	.21	.37	.27	.21	.26	.21	.17

Effective Floor Cavity Reflectance = .20

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0 - 30	4444.	18.5	23.7
0 - 40	7330.	30.5	39.1
0 - 60	13538.	56.4	72.3
0 - 90	18308.	76.3	97.7
90 - 120	412.	1.7	2.2
90 - 130	427.	1.8	2.3
90 - 150	429.	1.8	2.3
90 - 180	429.	1.8	2.3
Total Luminaire:			
0 - 180	18738.	78.1	100.0

Total Luminaire Optical Efficiency: **78.1%**
IES Spacing Criteria: Adjacent = 1.2, Diagonal = 1.3