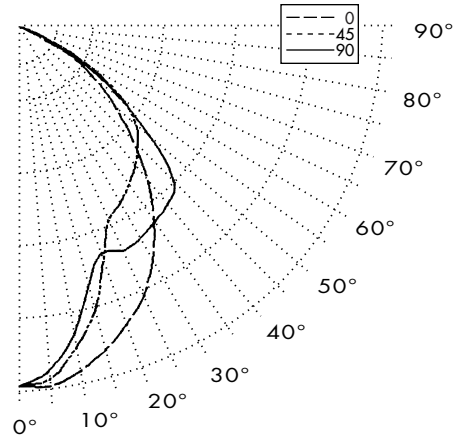


Infinity Catalog #ICE PBSQ24-150
Test Report #10308.0, Dated 6/3/99

Lamp Type: ICE150/835
Lamp Quantity: 1

CANDLEPOWER DISTRIBUTION

VERT. ANG.	HORIZONTAL ANGLE			ZONAL LUMENS
	0	45	90	
0	4892.	4892.	4892.	
5	4907.	4816.	4707.	458.9
15	4542.	3981.	3630.	1137.4
25	4016.	2866.	3330.	1527.1
35	3202.	2600.	3208.	1768.5
45	2207.	2267.	2982.	1840.2
55	1256.	1702.	1633.	1349.0
65	303.	588.	467.	464.3
75	41.	59.	69.	60.0
85	8.	6.	7.	7.0



LUMEN SUMMARY

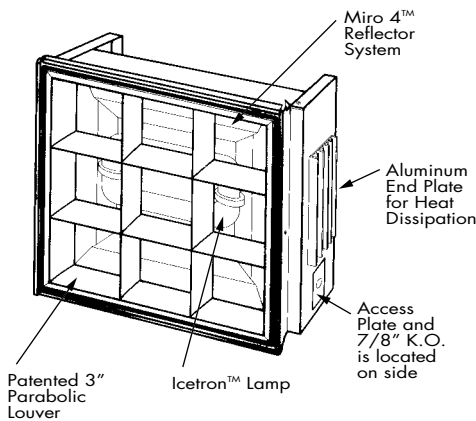
ZONE	LUMENS	% LAMP	% FIXTURE
0 - 30	3123.	26.0	36.3
0 - 40	4892.	40.8	56.8
0 - 60	8081.	67.3	93.8
0 - 90	8612.	71.8	100.0

ZONAL CAVITY COEFFICIENTS
EFFECTIVE FLOOR CAVITY REFL. = .20

CEILING	.80			.70			.50			
	WALL RCR	.70	.50	.30	.70	.50	.30	.50	.30	.10
0	.85	.85	.85	.83	.83	.83	.80	.80	.80	
1	.80	.78	.75	.78	.76	.74	.73	.72	.70	
2	.75	.70	.67	.73	.69	.66	.67	.64	.62	
3	.70	.64	.59	.68	.63	.59	.61	.57	.54	
4	.65	.58	.53	.63	.57	.52	.55	.51	.48	
5	.60	.52	.46	.58	.51	.46	.50	.45	.42	
6	.55	.47	.41	.54	.46	.41	.45	.40	.37	
7	.51	.42	.37	.50	.42	.37	.41	.36	.33	
8	.47	.38	.33	.46	.38	.32	.37	.32	.28	
9	.43	.34	.29	.42	.34	.29	.33	.28	.25	
10	.40	.31	.26	.39	.31	.26	.30	.25	.22	

TOTAL LUMINAIRE OPTICAL EFFICIENCY = 71.8 %
SPACING CRITERIA: ALONG= 1.1 ACROSS= 1.0

COMPONENTS



ICETRON™ saves where relamping costs are high

Total relamping costs over 100,000 hours operation (average lamp cost + average labor) x 7

ICETRON (1000-hour life) systems are ideal for lighting fixtures where replacement costs are high. Look at how much it costs to replace HID (15,000-hour life) or standard fluorescent lamps in hard-to-reach areas. When you factor in labor costs, equipment rental and lost time, ICETRON can pay for itself over and over again. Labor costs may vary from \$50 to \$200 depending on city, type of work and number of fixtures. Resource: Osram Sylvania's Update, August 1999.

APPLICATIONS

- Perfect for applications that are inconvenient or expensive to maintain
- Alternative solution to 100w, 150w, 175w HID
- High ceilings such as in a retail lobby or atrium
- Hard to access areas
- Over escalators

