



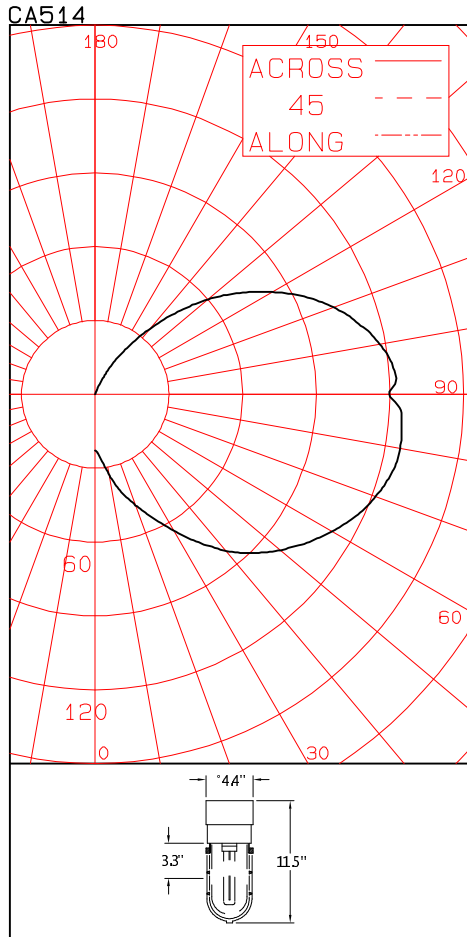
# LIGHTING SCIENCES CANADA LTD.

440 Phillip St., Unit 19, Waterloo, Ontario, Canada N2L 5R9  
 Tel: (519) 746-3140 Fax: (519) 746-3156 lsc@lightingsciences.ca

CERTIFIED TEST REPORT NO. LSC A514  
 COMPUTED BY LSC PROGRAM \*\*TEST-LITE\*\*

IPEX NON-METALLIC CEILING MOUNT LIGHT FIXTURE CAT. NO. LVPL26C  
 WITH CLEAR GLASS JAR LENS AND PLASTIC PROTECTIVE GUARD  
 ONE 26W QUAD COMPACT FLUORESCENT LAMP. LUMEN RATING = 1825 LMS.  
 ONE HATCH 120V 1-LAMP ELECTRONIC BALLAST NO. FR-2600

### CANDLEPOWER SUMMARY



ANGLE	MEAN CP	LMS.	ANGLE	MEAN CP	LMS.
0	23		90	120	
5	26	3	95	122	132
10	34		100	118	
15	41	12	105	111	117
20	48		110	103	
25	55	26	115	94	93
30	64		120	83	
35	73	46	125	72	65
40	83		130	60	
45	91	71	135	47	37
50	99		140	35	
55	105	94	145	24	16
60	112		150	15	
65	117	116	155	7	4
70	122		160	2	
75	125	132	165	0	0
80	126		170	0	
85	125	136	175	0	0
90	120		180	0	

### ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	40	2.22	3.70
0-40	86	4.77	7.92
0-60	251	13.80	22.94
0-90	635	34.80	57.83
40-90	548	30.04	49.91
60-90	383	21.00	34.89
90-180	463	25.38	42.17
0-180	1098	60.18	100.00

\*\* EFFICIENCY = 60.2% \*\*

LUMINANCE SUMMARY-CD. / SQ. M.

S/MH = 3.8  
 SC = 3.7

ANGLE	MEAN CD/SQ M
45	7397
55	8116
65	8871
75	9572
85	10035

CERTIFIED BY:

*Charles Sison*

DATE:  
 DEC 13, 2004

PREPARED FOR:

IPEX INC.  
 MISSISSAUGA, ONTARIO

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

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CANDLEPOWER DATA

ANGLE	CANDLEPOWER	LUMENS
0	23	
5	26	3
10	34	
15	41	12
20	48	
25	55	26
30	64	
35	73	46
40	83	
45	91	71
50	99	
55	105	94
60	112	
65	117	116
70	122	
75	125	132
80	126	
85	125	136
90	120	
95	122	132
100	118	
105	111	117
110	103	
115	94	93
120	83	
125	72	65
130	60	
135	47	37
140	35	
145	24	16
150	15	
155	7	4
160	2	
165	0	0
170	0	
175	0	0
180	0	

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AVERAGE LUMINANCE DATA

ANGLE	LUMINANCE
0	3683 ( 1075)
30	5980 ( 1745)
40	6997 ( 2042)
45	7397 ( 2158)
50	7764 ( 2266)
55	8116 ( 2368)
60	8491 ( 2478)
65	8871 ( 2589)
70	9226 ( 2692)
75	9572 ( 2793)
80	9841 ( 2872)
85	10035 ( 2929)

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES

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COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	80				70				50				30				10				0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	.66	.66	.66	.66	.61	.61	.61	.61	.53	.53	.53	.45	.45	.45	.38	.38	.38	.35			
1	.56	.52	.49	.45	.52	.48	.45	.42	.41	.38	.36	.34	.32	.30	.28	.27	.25	.22			
2	.50	.43	.38	.34	.46	.40	.35	.31	.34	.30	.27	.28	.25	.22	.23	.20	.18	.15			
3	.44	.37	.31	.26	.41	.34	.29	.24	.28	.24	.21	.23	.20	.17	.19	.16	.14	.11			
4	.40	.32	.26	.21	.37	.30	.24	.20	.25	.20	.17	.20	.17	.14	.16	.13	.11	.09			
5	.37	.28	.22	.17	.33	.26	.20	.16	.21	.17	.14	.18	.14	.11	.14	.11	.09	.07			
6	.33	.24	.19	.15	.30	.23	.17	.13	.19	.15	.11	.15	.12	.09	.12	.09	.07	.05			
7	.30	.22	.16	.12	.28	.20	.15	.11	.17	.12	.09	.14	.10	.07	.11	.08	.06	.04			
8	.28	.19	.14	.10	.26	.18	.13	.09	.15	.11	.08	.12	.09	.06	.10	.07	.05	.03			
9	.26	.18	.12	.09	.24	.16	.11	.08	.13	.10	.07	.11	.08	.05	.09	.06	.04	.03			
10	.24	.16	.11	.08	.22	.15	.10	.07	.12	.08	.06	.10	.07	.05	.08	.05	.03	.02			

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES  
 LUMINAIRE INPUT WATTS = 22.8  
 LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.  
 BALLAST FACTORS HAVE NOT BEEN APPLIED.