

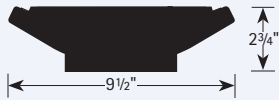


IndiQuest

FEATURES

- Specular aluminum wings add sparkle to the fixture
- Indirect distribution
- Up to three T8, T5, or T5HO lamps and a highly specular reflective system
- Extruded aluminum housing provides rigidity and complements the aluminum wings
- Controls compatible
- Choice of slotted, perforated, or solid wings for design flexibility
- Specially textured or standard RAL colors are available as an option on both the housing and wings
- Patented die cast aluminum end caps and couplers enable fixtures to be connected for a seamless and straight appearance
- Unique cable system allows instant horizontal balancing
- Distinct shape compliments the Quest for office environments

SHAPE AND DIMENSIONS



PROJECT INFORMATION

Project Name	Type
Catalog No.	Date

CONSTRUCTION

- IndiQuest solid wings are manufactured from pure aluminum with a 95% reflective MIRO finish on the show surface.
- They are anodized on both sides to provide an extremely long defect-free life.
- Perforated sections include a hole pattern that measures .0625" in diameter, provides 23% opening per square inch and has a white acrylic diffuser overlay. All-perf version has a wider perforated strip on a steel wing. Horizontal slots run along the length of a steel wing in six rows of .094" x 1.000 obround openings. Vertical slots are perpendicular on the steel wing in two rows of .094" x 1.000 obround openings. Both allow for a 65% opening per square inch.

FINISH

The housing, end caps, and couplers are treated with a multi-stage phosphate bonding process and are painted with a bonded silver crinkle powder coat as standard. Wings can be furnished with the natural anodized aluminum facing out or painted with a matte white powder coat. Other RAL finishes are also available as an option for all exterior components.

MOUNTING

The suspension cable has total vertical adjustment. Precise horizontal balancing is accomplished by sliding a cable gripper along the metal yoke on each end. The cable gripper is simply turned and locked into place once the fixture is leveled. The innovative double hanging system allows suspension points to be placed on 48" centers for quick and easy installation. End of cable barrel screws into a standard 1/4 20 bolt brought down from the ceiling.

LABELS AND ELECTRICAL

- UL 1598 or CSA
- Prewired w/ T8, T5, or T5HO electronic ballasts
- Quick connect plugs standard
- Damp label available on most models

Name:	IQ-1T5HO-S-EP
Test #:	12966
Efficiency:	99.3%
LER:	83

ORDERING INFORMATION

EXAMPLE: IQ-8-2T8-S-CM48-LD-EU-BSC

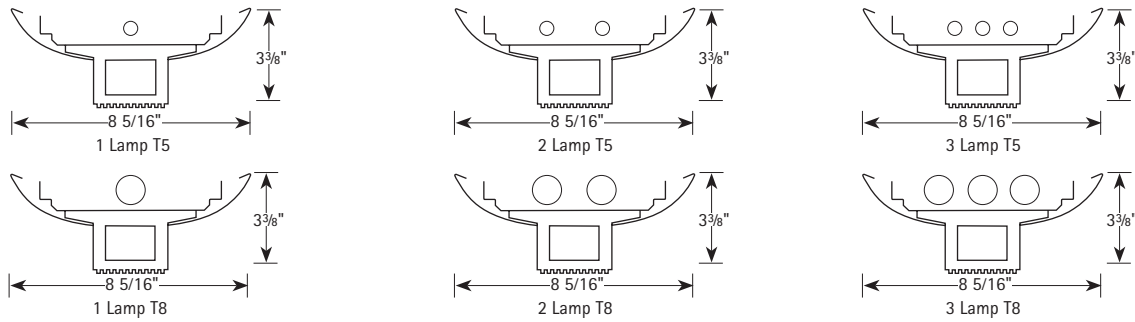
MODEL	LAMP TYPE AND PROFILE	MOUNTING METHOD	BALLAST	FINISH
IQ Indiquest	1T5 One T5 Lamp 2T5 Two T5 Lamps 3T5 Three T5 Lamps 1T5HO One T5HO Lamp 2T5HO Two T5HO Lamps 3T5HO Three T5HO Lamps (CM only)	CM Adjustable Aircraft Cable Mount (Std.) See HGR-1 for other hanging methods.	E Electronic, Instant Start, (Std. for T8) EP Electronic, Programmed Start (Std. for T5 and T5HO, optional for T8) ED Electronic, Dimming (Must specify) ESD Electronic, Step Dimming Unless specified, Alera will use fewest ballasts possible.	BSC Bonded Silver Crinkle See MTX-1 for other color selections.
ROW LENGTH	WING TYPE	ADJUSTABLE CABLE LENGTH	VOLTAGE	OPTIONS
4 4' Single 8 8' Single – Indicate row length over 8' in 4' increments	PERF Perforated Wing S Solid Wing HSLT Horizontal Slot-Steel Wing VSLT Vertical Slot-Steel Wing	48 48" 96 96" Not applicable for wall mount. Other lengths available on request.	U 120V-277V 120 120V 277 277V 347 347V	DC Dust Cover (N/A T5HO) NAL Natural Anodized Aluminum on the Wings MWAL Matte White Aluminum on the Wings. Contact factory for other wing finishes. LR Left/Right Switching (2-Lamp only) IBOB Inboard/Outboard Switching (3-Lamp only) EL One Emergency Battery Pack ^{1,2} EMC One Emergency Circuit ^{2,3} NL Night Light Circuit ^{2,3} GLR Fast Blow Fuse GMF Slow Blow Fuse TBAR T-Bar Mounting CSA UL listed or CSA certified for Canada DL Damp Label (Available on most models)

¹ Specify voltage. For additional, specify quantity before nomenclature (Example: 2EL120).

² Not available with all configurations; some limitations apply. Contact factory for details.

³ One extra feed drop per row with through wiring. (Standard is one 4ft lamp per circuit.)

CROSS SECTION



PHOTOMETRIC DATA

LUMINAIRE DATA Test 12966

Luminaire	IQ-1T5HO-S-EP
	Indiquet Curves
	9" x 48" 1-LAMP
	WITH SOLID HIGHLY
	SPECULAR REFLECTOR
Ballast	QT1X54120PHO
Ballast Factor	1.00
Lamp	F54T5
Lumens per Lamp	5000
Watts	60
Mounting	Pendant
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 0.00 90° = 0.00
Luminous Opening in Feet	Length: 4.00
	Width: 0.55
	Height: 0.00

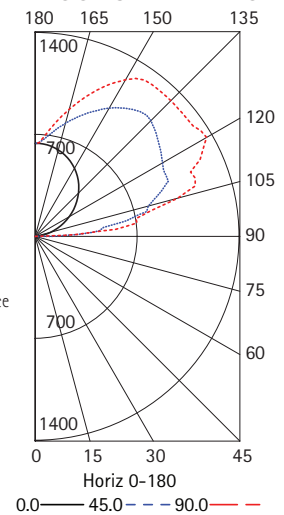
CANDELA SUMMARY

Angle	0.0	22.5	45.0	67.5	90.0
97.5	46	350	474	641	704
105.0	111	480	804	1012	1014
112.5	190	595	990	1137	1155
120.0	270	712	1010	1280	1359
127.5	348	761	1067	1257	1319
135.0	421	776	1124	1270	1317
142.5	486	771	1099	1280	1315
150.0	540	754	1017	1189	1242
157.5	583	727	912	1041	1081
165.0	614	691	804	880	903
172.5	634	655	698	728	735
180.0	638	638	638	638	638

COEFFICIENTS OF UTILIZATION (%)

RC	80					70					50					0
	RW	70	50	30	10	70	50	30	10	50	30	10	0			
1	86	82	78	75	73	70	67	65	48	46	45	0				
2	78	72	66	61	67	61	57	53	42	39	37	0				
3	71	63	56	51	61	54	48	44	37	34	31	0				
4	65	55	48	43	55	47	42	37	33	29	26	0				
5	59	49	42	36	50	42	36	31	29	25	22	0				
6	54	43	36	31	46	37	31	27	26	22	19	0				
7	50	39	32	27	43	33	27	23	23	19	16	0				
8	46	35	28	23	39	30	24	20	21	17	14	0				
9	43	32	25	20	36	27	21	18	19	15	12	0				
10	40	29	22	18	34	25	19	15	17	13	11	0				

INDOOR CANDELA PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
90-120	1978	39.6	39.8
90-130	2849	57.0	57.4
90-150	4256	85.1	85.7
90-180	4965	99.3	100.0
0-180	4965	99.3	100.0

ENERGY DATA

Total Luminaire Efficiency	99.3%
Luminaire Efficacy Rating (LER)	83
ANSI/IESNA RP-1-2004 Compliance	
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.89 based on 3000 hrs. and \$0.08 per KWH

RCR = Room Cavity Ratio
RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

Test Date 11/7/01

PHOTOMETRIC DATA

LUMINAIRE DATA Test 12979

Luminaire	IQ-2T8-S-EB8
	Indiquet Architectural Curve
	9" x 48" 2-LAMP
	WITH SOLID HIGHLY
	SPECULAR REFLECTOR
Ballast	REL-2P32-SC
Ballast Factor	0.86
Lamp	F32T8
Lumens per Lamp	2900
Watts	57
Mounting	Pendant
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 0.00 90° = 0.00
Luminous Opening in Feet	Length: 4.00
	Width: 0.55
	Height: 0.00

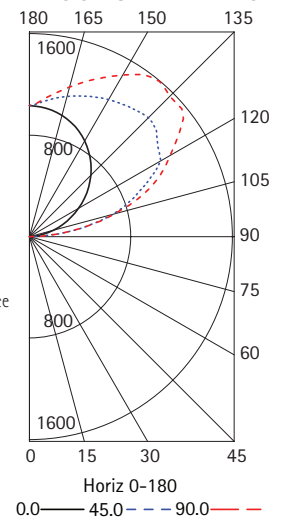
CANDELA SUMMARY

Angle	0.0	22.5	45.0	67.5	90.0
97.5	76	300	324	325	323
105.0	194	566	680	700	700
112.5	320	726	938	1030	1047
120.0	446	836	1194	1260	1277
127.5	570	896	1269	1485	1528
135.0	684	955	1326	1515	1565
142.5	785	1003	1290	1517	1582
150.0	870	1037	1247	1411	1471
157.5	940	1056	1197	1307	1341
165.0	989	1057	1143	1201	1220
172.5	1020	1046	1083	1106	1111
180.0	1033	1033	1033	1033	1033

COEFFICIENTS OF UTILIZATION (%)

RC	80					70					50					0
	RW	70	50	30	10	70	50	30	10	50	30	10	0			
1	81	78	74	71	69	66	64	61	45	44	42	0				
2	74	68	62	58	63	58	54	50	40	37	35	0				
3	67	59	53	48	57	51	46	42	35	32	29	0				
4	61	52	45	40	52	45	39	35	31	27	25	0				
5	56	46	39	34	48	40	34	30	27	24	21	0				
6	51	41	34	29	44	35	30	25	24	21	18	0				
7	47	37	30	25	40	32	26	22	22	18	15	0				
8	44	33	26	22	37	28	23	19	20	16	13	0				
9	40	30	23	19	34	26	20	17	18	14	12	0				
10	37	27	21	17	32	23	18	15	16	13	10	0				

INDOOR CANDELA PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
90-120	1732	29.9	31.8
90-130	2743	47.3	50.4
90-150	4471	77.1	82.1
90-180	5444	93.9	100.0
0-180	5444	93.9	100.0

ENERGY DATA

Total Luminaire Efficiency	93.9%
Luminaire Efficacy Rating (LER)	82
ANSI/IESNA RP-1-2004 Compliance	
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.93 based on 3000 hrs. and \$0.08 per KWH

RCR = Room Cavity Ratio
RC = Effective Ceiling Cavity Reflectance RW = Wall Reflectance

Test Date 11/20/01

PHOTOMETRIC DATA

LUMINAIRE DATA Test 12981

Luminaire	IQ-3T8-S-EB8
	Indirect Architectural Curve
	9" x 48" 3-LAMP WITH SOLID HIGHLY SPECULAR REFLECTOR
Ballast	REL-3P32-SC
Ballast Factor	0.88
Lamp	F32T8
Lumens per Lamp	2900
Watts	84
Mounting	Pendant
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 0.00 90° = 0.00
Luminous Opening in Feet	Length: 4.00 Width: 0.55 Height: 0.00

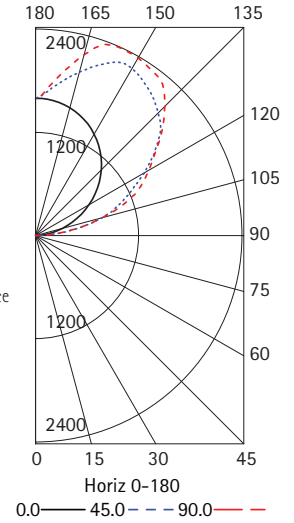
AVG. LUMINANCE (Candela/Sq. M.)

	0.0	22.5	45.0	67.5	90.0
0	136	353	364	361	359
30	322	686	805	811	805
40	520	1051	1120	1223	1246
45	717	1328	1459	1494	1516
50	907	1561	1797	1820	1816
55	1082	1761	2014	2126	2123
60	1233	1836	2151	2285	2331
65	1361	1826	2244	2348	2384
70	1464	1789	2168	2361	2389
75	1538	1729	1966	2121	2172
80	1582	1652	1756	1818	1836
85	1593	1593	1593	1593	1593

COEFFICIENTS OF UTILIZATION (%)

RC	80				70				50				0
	RW	70	50	30	10	70	50	30	10	50	30	10	0
1	79	75	72	69	67	64	62	59	44	42	41	0	0
2	72	65	60	56	61	56	52	49	38	36	34	0	0
3	65	57	51	47	55	49	44	40	34	31	28	0	0
4	59	51	44	39	51	43	38	34	30	27	24	0	0
5	54	45	38	33	46	38	33	29	26	23	20	0	0
6	50	40	33	28	42	34	29	25	24	20	17	0	0
7	46	36	29	24	39	31	25	21	21	18	15	0	0
8	42	32	25	21	36	27	22	18	19	16	13	0	0
9	39	29	23	18	33	25	20	16	17	14	11	0	0
10	36	26	20	16	31	23	18	14	16	12	10	0	0

INDOOR CANDELA PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
90-120	2139	24.6	27.1
90-130	3516	40.4	44.5
90-150	6238	71.7	78.9
90-180	7905	90.9	100.0
0-180	7905	90.9	100.0

ENERGY DATA

Total Luminaire Efficiency	90.9%
Luminaire Efficacy Rating (LER)	83
ANSI/IESNA RP-1-2004 Compliance	
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.89 based on 3000 hrs. and \$0.08 per KWH