

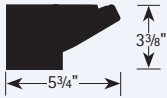


IndiQuest

FEATURES

- Specular aluminum wings add sparkle to the fixture
- Indirect Luminaire
- One or two T8, T5, or T5HO lamps and a highly specular reflective system, IndiQuest can be used in a multitude of different office
- 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
- Damp label available on most models
- UL Listed 1598

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

IndiQuest's contractor friendly universal mounting system allows for installation into existing studs and spaces the fixture away from the wall 1/2" to allow for wall variations. Brackets on the back of the luminaire easily slip onto the mounting system. Leveling screws are the final touch for that perfect installation. A 7/8" opening is provided in the unit to feed from the junction box. A cover plate is used to shield the exposed junction box.

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

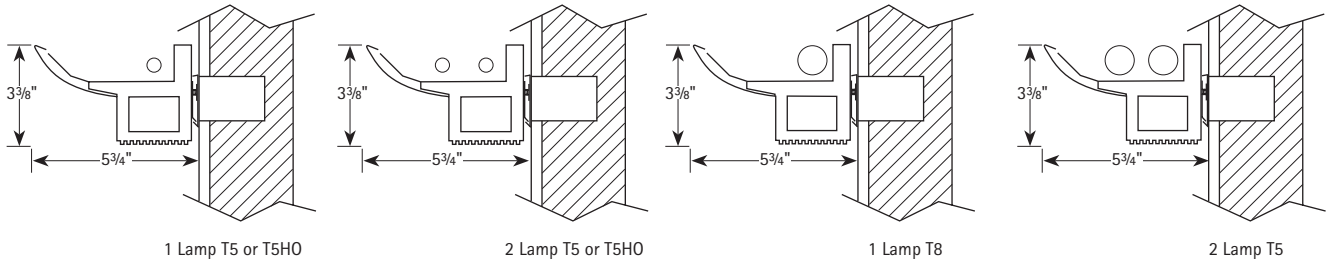
IQ		WM		BSC	
MODEL	LAMP TYPE AND PROFILE	MOUNTING METHOD	VOLTAGE	FINISH	
IQ Indiquest	1T5 One T5 Lamp 2T5 Two T5 Lamps 1T5HO One T5HO Lamp 2T5HO Two T5HO Lamps 1T8 One T8 Lamp 2T8 Two T8 Lamps	WM Wall Mount	U 120V-277V 120 120V 277 277V 347 347V	BSC Bonded Silver Crinkle See MTX-1 for other color selections.	
ROW LENGTH	WING TYPE	BALLAST	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	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.	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 13280

Luminaire	IQ-1T8-PERF-WM-EB8 Indiquet Architectural Curve 6" x 48" 1-LAMP WITH MIRO4 REFLECTOR
Ballast	REL1P32SC
Ballast Factor	0.92
Lamp	F32T8
Lumens per Lamp	2900
Watts	32
Mounting	Wall
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = N/A 90° = N/A
Luminous Opening in Feet	Length: 3.97 Width: 0.38 Height: 0.00

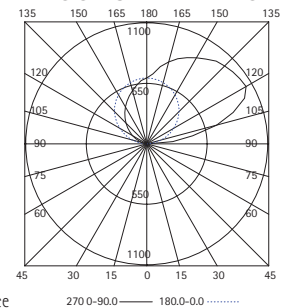
AVG. LUMINANCE (Candela/Sq. M.)

Angle	90.0	135.0	180.0	225.0	270.0
0	7	7	7	7	7
30	8	8	8	49	58
40	28	19	19	65	65
45	30	20	20	71	71
50	44	33	22	78	78
55	37	37	25	75	75
60	43	43	29	86	86
65	51	51	34	101	101
70	63	63	42	125	125
75	55	83	55	138	138
80	82	82	82	205	205
85	82	164	164	327	327

COEFFICIENTS OF UTILIZATION (%)

RC	80					70					50					0
	RW	70	50	30	10	70	50	30	10	50	30	10	0			
1	78	74	71	68	67	64	61	59	44	42	41	0				
2	71	65	60	56	60	56	52	48	38	36	34	0				
3	65	57	51	46	55	49	44	40	34	31	28	0				
4	59	50	44	39	50	43	38	34	30	26	24	0				
5	54	44	38	33	46	38	33	28	26	23	20	0				
6	49	39	33	28	42	34	28	24	23	20	17	0				
7	45	35	29	24	39	30	25	21	21	17	15	0				
8	42	32	25	21	36	27	22	18	19	15	13	0				
9	39	29	22	18	33	25	19	16	17	14	11	0				
10	36	26	20	16	31	22	17	14	16	12	10	0				

INDOOR CANDELA PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
0-30	2	0.1	0.1
0-40	4	0.1	0.2
0-60	11	0.4	0.4
0-90	23	0.8	0.9
90-120	841	29.0	32.2
90-130	1284	44.3	49.2
90-150	2071	71.4	79.5
90-180	2584	89.1	99.1
0-180	2607	89.9	100.0

ENERGY DATA

Total Luminaire Efficiency	89.9%
Luminaire Efficacy Rating (LER)	75
ANSI/IESNA RP-1-2004 Compliance	
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$3.20 based on 3000 hrs. and \$0.08 per KWH

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

Test Date 1/14/03

PHOTOMETRIC DATA

LUMINAIRE DATA Test 13295 CANDELA SUMMARY

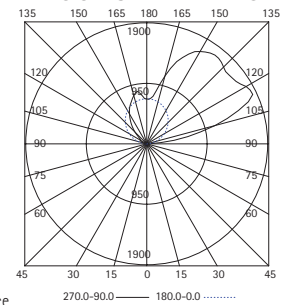
Luminaire	IQ-1T5-S-WM-EB5 Indiquet Architectural Curve 6" x 48" 1-LAMP WITH MIRO4 REFLECTOR
Ballast	ICN2S54
Ballast Factor	1.00
Lamp	F54T5
Lumens per Lamp	4400
Watts	57
Mounting	Wall
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = N/A 90° = N/A
Luminous Opening in Feet	Length: 3.97 Width: 0.38 Height: 0.00

Angle	90.0	135.0	180.0	225.0	270.0
97.5	433	472	66	19	12
105.0	1108	1100	144	64	58
112.5	1726	1317	231	94	95
120.0	1800	1304	317	121	122
127.5	1695	1407	399	235	141
135.0	1705	1495	475	364	261
142.5	1757	1494	544	500	399
150.0	1673	1384	601	625	541
157.5	1467	1160	649	736	670
165.0	1100	876	682	831	787
172.5	753	727	702	771	800
180.0	705	705	705	705	705

COEFFICIENTS OF UTILIZATION (%)

RC	80					70					50					0
	RW	70	50	30	10	70	50	30	10	50	30	10	0			
1	78	74	71	68	67	64	61	59	44	42	41	0				
2	71	65	60	56	60	56	52	48	38	36	34	0				
3	65	57	51	46	55	49	44	40	34	31	28	0				
4	59	50	44	39	50	43	38	34	30	26	24	0				
5	54	44	38	33	46	38	33	29	26	23	20	0				
6	49	39	33	28	42	34	28	24	23	20	17	0				
7	45	35	29	24	39	30	25	21	21	17	15	0				
8	42	32	25	21	36	27	22	18	19	15	13	0				
9	39	29	22	18	33	25	19	16	17	14	11	0				
10	36	26	20	16	31	22	17	14	16	12	10	0				

INDOOR CANDELA PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
90-120	1315	29.9	33.1
90-130	1986	45.1	50.0
90-150	3233	73.5	81.5
90-180	3967	90.2	100.0
0-180	3967	90.2	100.0

ENERGY DATA

Total Luminaire Efficiency	90.2%
Luminaire Efficacy Rating (LER)	62
ANSI/IESNA RP-1-2004 Compliance	
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$3.87 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 13303

Luminaire	IQ-1T8-S-WM-EB8	
	Indiquest Architectural Curve	
	6" x 48" 1-LAMP WITH MIRO4 REFLECTOR	
Ballast	REL1P32SC	
Ballast Factor	0.92	
Lamp	F32T8	
Lumens per Lamp	2900	
Watts	32	
Mounting	Wall	
Shielding Angle	0° = 90	90° = 90
Spacing Criterion	0° = N/A	90° = N/A
Luminous Opening in Feet	Length: 3.97	Width: 0.38
	Height: 0.00	

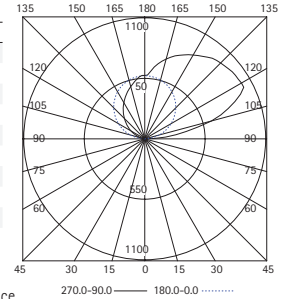
CANDELA SUMMARY

Angle	90.0	135.0	180.0	225.0	270.0
97.5	287	268	59	15	10
105.0	626	582	134	51	43
112.5	888	750	208	108	85
120.0	1015	784	277	162	146
127.5	1002	802	340	223	202
135.0	975	801	399	285	261
142.5	936	794	450	347	321
150.0	880	778	494	407	379
157.5	822	748	528	463	437
165.0	751	700	554	515	492
172.5	658	626	568	565	548
180.0	576	576	576	576	576

COEFFICIENTS OF UTILIZATION (%)

RCR	80				70				50				0
	RW	70	50	30	10	70	50	30	10	50	30	10	0
1	75	71	68	65	64	61	58	56	42	40	39	0	
2	68	62	57	53	58	53	49	46	36	34	32	0	
3	62	54	49	44	53	47	42	38	32	29	27	0	
4	56	48	42	37	48	41	36	32	28	25	23	0	
5	52	42	36	31	44	36	31	27	25	22	19	0	
6	47	38	31	27	40	32	27	23	22	19	17	0	
7	43	34	27	23	37	29	24	20	20	17	14	0	
8	40	30	24	20	34	26	21	17	18	15	12	0	
9	37	27	21	17	32	24	19	15	16	13	11	0	
10	34	25	19	15	29	21	17	13	15	12	10	0	

INDOOR CANDELA PLOT



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

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt.
90-120	802	27.7	32.1
90-130	1233	42.5	49.3
90-150	2001	69.0	80.0
90-180	2500	86.2	100.0
0-180	2500	86.2	100.0

ENERGY DATA

Total Luminaire Efficiency	86.2%
Luminaire Efficacy Rating (LER)	72
ANSI/IESNA RP-1-2004 Compliance	
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$3.33 based on 3000 hrs. and \$0.08 per KWH

Test Date 1/20/03