

**Filename: LTO-125-70-30-RJ45-80-NL\_rep**

Manufacturer: Aquarii

Luminaire: Stage Light

Luminaire Cat: Model: Lieto - 70 Degree Beamspread - 125 Watts - 3000K White Light

Lamp: LED

Lamp Output: 1 lamp, total luminaire Lumens: 10480.6

Max Candela: 7,806.0 at Horizontal: 0°, Vertical: 0°

Input Wattage: 125.5

Luminous Opening: Circular (Dia: 11.04")

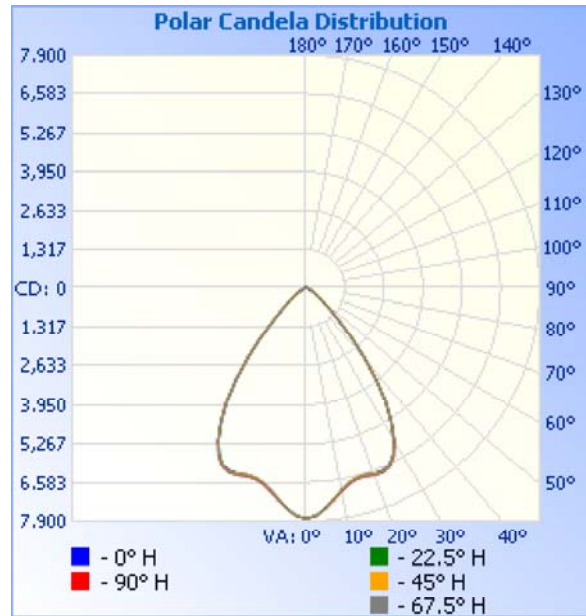
Test Lab: Intertek

Photometry : Type C

CIE Class: Direct

Cutoff Class: Cutoff

Nema Type: 6 X 6

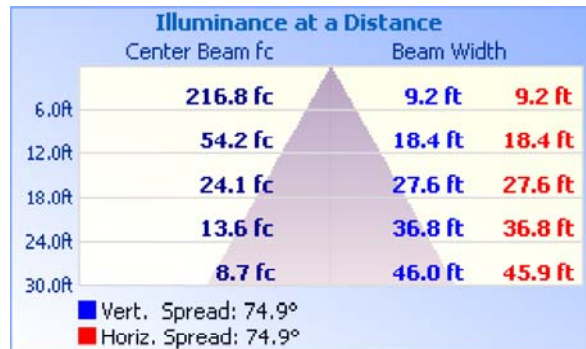


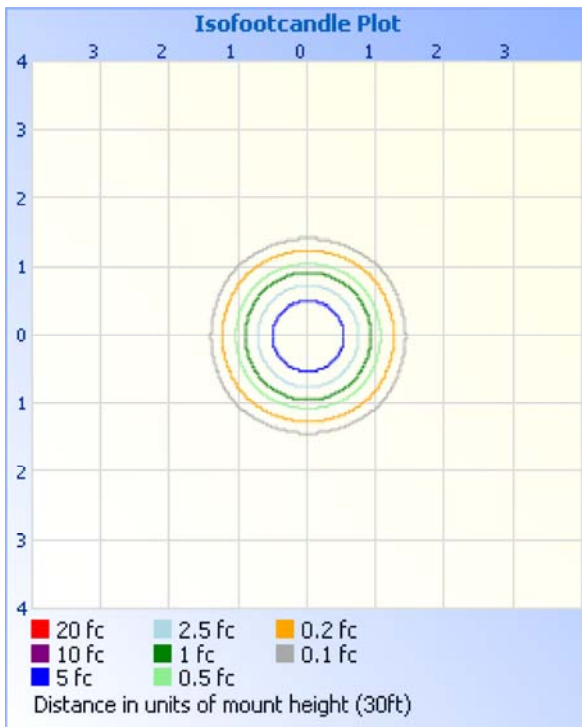
**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	5,605.6	53.5%
0-40	8,458.1	80.7%
0-60	10,257.1	97.9%
60-90	223.5	2.1%
70-100	76.3	0.7%
90-120	0.0	0%
0-90	10,480.6	100%
90-180	0.0	0%
0-180	10,480.6	100%

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	696.3	6.6%	90-100	0	0%
10-20	1,901.6	18.1%	100-110	0.0	0%
20-30	3,007.7	28.7%	110-120	0	0%
30-40	2,852.5	27.2%	120-130	0	0%
40-50	1,348.4	12.9%	130-140	0	0%
50-60	450.6	4.3%	140-150	0	0%
60-70	147.2	1.4%	150-160	0	0%
70-80	62.6	0.6%	160-170	0	0%
80-90	13.7	0.1%	170-180	0	0%





**Coefficients Of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.13	1.09	1.07	1.04	1.10	1.07	1.05	.92	1.03	1.01	.99	.99	.98	.96	.96	.95	.93	.92
2	1.06	1.00	.96	.92	1.04	.99	.94	.84	.95	.92	.89	.92	.89	.87	.89	.87	.85	.83
3	.99	.92	.86	.82	.97	.91	.85	.77	.88	.83	.80	.85	.82	.78	.83	.80	.77	.75
4	.93	.85	.78	.73	.91	.83	.77	.70	.81	.76	.72	.79	.75	.71	.77	.73	.70	.69
5	.88	.78	.71	.66	.86	.77	.71	.64	.75	.70	.65	.73	.69	.65	.72	.68	.64	.63
6	.82	.72	.65	.60	.81	.71	.65	.59	.70	.64	.60	.68	.63	.59	.67	.62	.59	.57
7	.77	.67	.60	.55	.76	.66	.60	.54	.65	.59	.55	.63	.58	.54	.62	.58	.54	.52
8	.73	.62	.55	.51	.72	.62	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.50	.48
9	.69	.58	.51	.47	.68	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.50	.46	.45
10	.65	.54	.48	.43	.64	.54	.47	.43	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41

**Luminaire Report Summary**

IESNA:LM-63-2002  
 [LUMCAT] Model: Lieto - 70 Degree Beamspread - 125 Watts - 3000K White Light  
 [LUMINAIRE] Stage Light  
 [LAMP] LED  
 [USER DEFINED] 120.01 AC, 1059.4 mA, 125.67 W, 0.9884 PF  
 [TEST]  
 [TESTLAB] Intertek  
 [ISSUE DATE] 10/03/2018  
 [MANUFAC] Aquarii

FILE: CREATED USING ABSOLUTE PHOTOMETRY  
 FILE: CANDELA MULTIPLIER: 1  
 FILE: VERTICAL ANGLES: 73, HORIZONTAL ANGLES: 17  
 FILE: COORDINATE SYSTEM: TYPE C  
 FILE: UNIT OF MEASURE: STANDARD  
 FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.