

**Filename: LTO-125-27x60-30-RJ45-80-NL\_rep**

Manufacturer: Aquarii

Luminaire: Stage Light

Luminaire Cat: Model: Lieto - 27x60 Degree Beamspread - 125  
Watts - 3000K White Light

Lamp: LED

Lamp Output: 1 lamp, total luminaire Lumens: 10289

Max Candela: 51,490.3 at Horizontal: 247.5°, Vertical: 2.5°

Input Wattage: 123.2

Luminous Opening: Circular (Dia: 9.48")

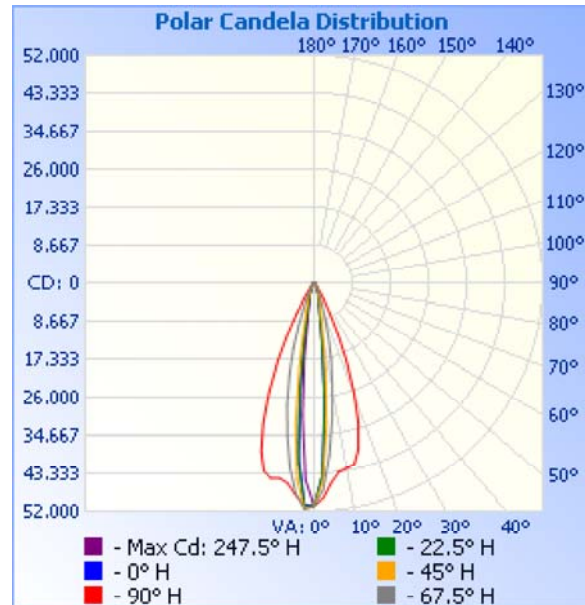
Test Lab: Intertek

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

Nema Type: 4 X 2

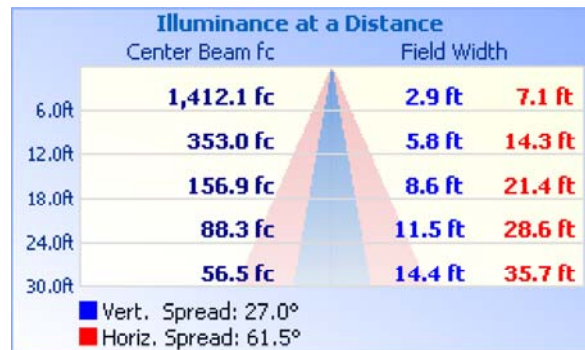
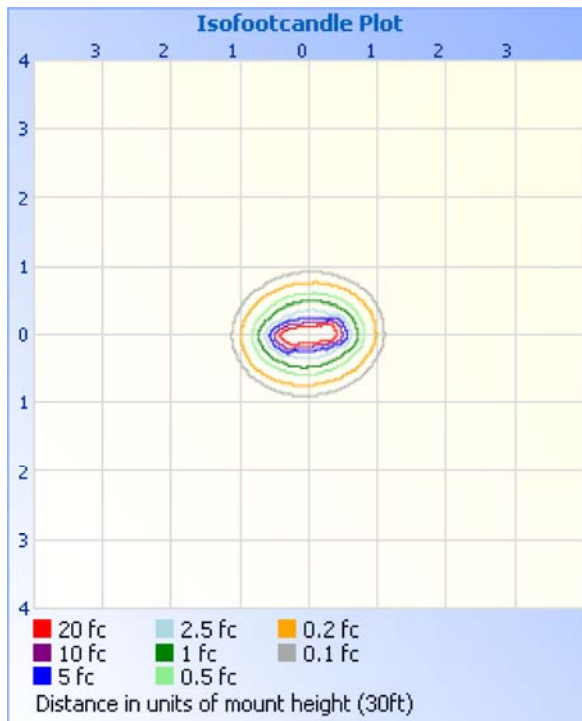


**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	9,398.8	91.3%
0-40	10,006.4	97.3%
0-60	10,288.1	100%
60-90	0.9	0%
70-100	0	0%
90-120	0	0%
0-90	10,289.0	100%
90-180	0	0%
0-180	10,289.0	100%

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	3,189.2	31.0%	90-100	0	0%
10-20	4,067.6	39.5%	100-110	0	0%
20-30	2,141.9	20.8%	110-120	0	0%
30-40	607.6	5.9%	120-130	0	0%
40-50	218.6	2.1%	130-140	0	0%
50-60	63.1	0.6%	140-150	0	0%
60-70	0.9	0.0%	150-160	0	0%
70-80	0	0.0%	160-170	0	0%
80-90	0	0.0%	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	1.15	1.13	1.11	1.09	1.12	1.10	1.09	.96	1.06	1.05	1.04	1.03	1.02	1.01	.99	.99	.98	.96
2	1.11	1.07	1.04	1.01	1.09	1.05	1.02	.93	1.02	1.00	.98	.99	.97	.96	.96	.95	.94	.92
3	1.07	1.02	.98	.95	1.05	1.00	.97	.89	.98	.95	.93	.96	.93	.91	.94	.92	.90	.89
4	1.03	.97	.93	.90	1.01	.96	.92	.86	.94	.91	.88	.92	.90	.87	.91	.88	.86	.85
5	1.00	.93	.89	.86	.98	.92	.88	.83	.91	.87	.84	.89	.86	.84	.88	.85	.83	.82
6	.96	.90	.85	.82	.95	.89	.85	.80	.88	.84	.81	.86	.83	.81	.85	.82	.80	.79
7	.93	.86	.82	.79	.92	.86	.81	.77	.85	.81	.78	.84	.80	.78	.83	.80	.77	.76
8	.90	.83	.79	.76	.89	.83	.79	.75	.82	.78	.75	.81	.77	.75	.80	.77	.75	.74
9	.88	.80	.76	.73	.87	.80	.76	.72	.79	.75	.73	.78	.75	.73	.78	.75	.72	.71
10	.85	.78	.74	.71	.84	.78	.73	.70	.77	.73	.70	.76	.73	.70	.76	.72	.70	.69

## **Luminaire Report Summary**

IESNA:LM-63-2002

[LUMCAT] Model: Lieto - 27x60 Degree Beamsread - 125 Watts - 3000K White Light

[LUMINAIRE] Stage Light

[LAMP] LED

[USER DEFINED] 120.03 AC, 1032.3 mA, 123.14 W, 0.9938 PF

[TEST]

[TESTLAB] Intertek

[ISSUEDATE] 03/04/2019

[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.