

Filename: LTO-75-54-30-RJ45-80-NL_rep

Manufacturer: Aquarii

Luminaire: Stage Light

Luminaire Cat: Model: Lieto - 54 Degree Beamspread - 75 Watts - 3000K White Light

Lamp: LED

Lamp Output: 1 lamp, total luminaire Lumens: 7283.5

Max Candela: 8,723.8 at Horizontal: 0°, Vertical: 0°

Input Wattage: 75.2

Luminous Opening: Circular (Dia: 9.48")

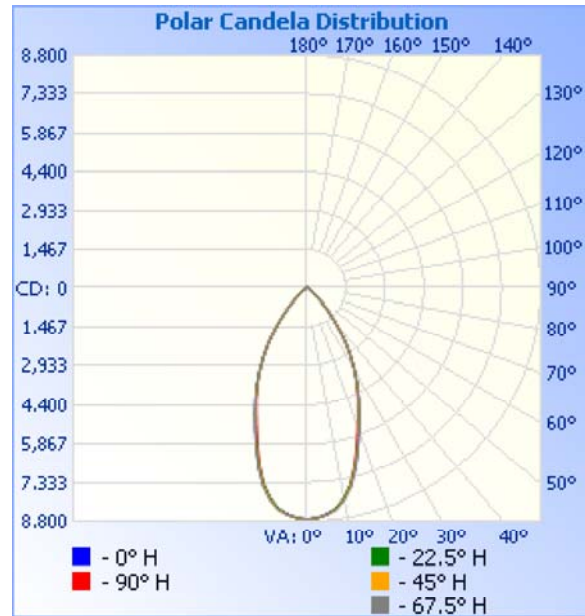
Test Lab: Intertek

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

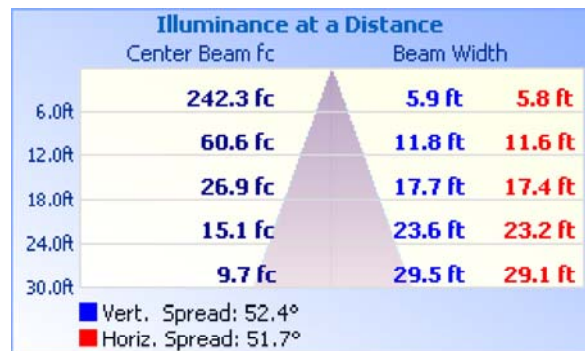
Nema Type: 5 X 5

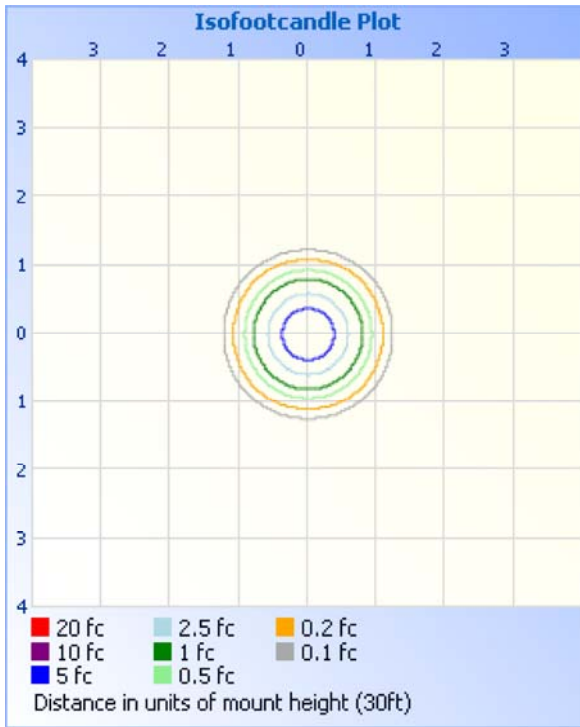
**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	4,823.9	66.2%
0-40	6,400.1	87.9%
0-60	7,269.5	99.8%
60-90	14.0	0.2%
70-100	0	0%
90-120	0	0%
0-90	7,283.5	100%
90-180	0	0%
0-180	7,283.5	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	802.2	11.0%	90-100	0	0%
10-20	1,928.9	26.5%	100-110	0	0%
20-30	2,092.8	28.7%	110-120	0	0%
30-40	1,576.2	21.6%	120-130	0	0%
40-50	686.7	9.4%	130-140	0	0%
50-60	182.7	2.5%	140-150	0	0%
60-70	14.0	0.2%	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	1.13	1.11	1.08	1.06	1.11	1.08	1.06	.94	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93			
	2	1.08	1.03	.98	.95	1.05	1.01	.97	.87	.98	.95	.92	.95	.92	.90	.92	.90	.88	.86			
	3	1.02	.95	.90	.86	1.00	.94	.89	.81	.91	.87	.84	.89	.86	.83	.87	.84	.82	.80			
	4	.97	.89	.83	.79	.95	.88	.82	.75	.85	.81	.77	.83	.80	.76	.82	.78	.76	.74			
	5	.91	.83	.77	.72	.90	.82	.76	.70	.80	.75	.71	.78	.74	.71	.77	.73	.70	.69			
	6	.87	.78	.71	.67	.85	.77	.71	.65	.75	.70	.66	.74	.69	.66	.72	.69	.65	.64			
	7	.82	.73	.67	.62	.81	.72	.66	.61	.71	.66	.62	.70	.65	.61	.68	.64	.61	.60			
	8	.78	.68	.62	.58	.77	.68	.62	.57	.67	.61	.58	.66	.61	.57	.65	.60	.57	.56			
	9	.74	.64	.58	.54	.73	.64	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.54	.52			
	10	.71	.61	.55	.51	.70	.60	.55	.50	.60	.54	.51	.59	.54	.51	.58	.54	.51	.49			

Luminaire Report Summary

IESNA:LM-63-2002
 [TEST]
 [TESTLAB] Intertek
 [ISSUEDATE] 02/04/2020
 [MANUFAC] Aquarii
 [LUMCAT] Model: Lieto - 54 Degree Beamspread - 75 Watts - 3000K White Light
 [LUMINAIRE] Stage Light
 [LAMP] LED
 [_TOTALLUMINAIRELUMENS] 10405
 [USER DEFINED] 120.5 AC, 623.9 MA, 75.19 W, 0.9926 PF

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.