



8165 E Kaiser Blvd. Anaheim, CA 92808
www.lightlaboratory.com

Report No: L062611001



Report No: L062611001
Amendment: N/A

Issue Date: 6/9/2026
Revision Date: N/A

Report Prepared For: Mega-Lite
18662 Bandera Road, Helotes, TX 78023

Model Number: 7076 - Narrow

Test: Photometric/Colorimetric/Electrical Test

Standards Used: Appropriate part or all test guidelines were used for test performed:

ANSI/IES LM79: 2019 Approved Methods for Optical and Electrical Measurements of Solid-State Lighting Products

ANSI/NEMA C78.377: 2017 Specification of the Chromaticity of Solid State Lighting Products

ANSI C82.77-10:2014: Harmonic Emission Limits-Related Quality Requirements for Lighting Equipment

Description of Sample: Client submitted the sample. Received in working and undamaged condition. No modifications were necessary.

Special Test Condition: Fixture is tested with no special conditions.

Date of Tests: 6/8/26

Seasoning of Sample: No seasoning was performed in accordance with IESNA LM-79.

Equipment List

Equipment Used	Model No	Stock No	Calibration Due Date
Chroma Programmable AC Source	61604	PS-AC02	--
Yokogawa Digital Power Meter	WT210	MT-EL06-S3	6/21/26
HP Power Supply	6032A	PS-DC05-S2	--
Fluke Digital Thermometer	52K/J	MT-TP05	6/25/26
LLI Type C Goniophotometer System	RMG-C-MKII	CD-LL04-GC	--
LLI 2M Sphere	2MR97	CD-SN03-S2	--
LLI Spectroradiometer	SPR-3000	MT-SC01-S2	Before Use

General Information

Manufacturer:	Mega-Lite
Model Number:	7076 - Narrow
Driver Model Number:	Custom

Test Summary

Total Lumens:	16573.00
Efficacy:	24.52
Color Redering Index:	68.7
Correlated Color Temperature:	7582
Input Voltage (VAC/60Hz):	120.02
Input Current (Amp):	5.7359
Input Power (W):	675.93
Input Power Factor:	0.9818
Current ATHD (%):	15.0%

Test Condition

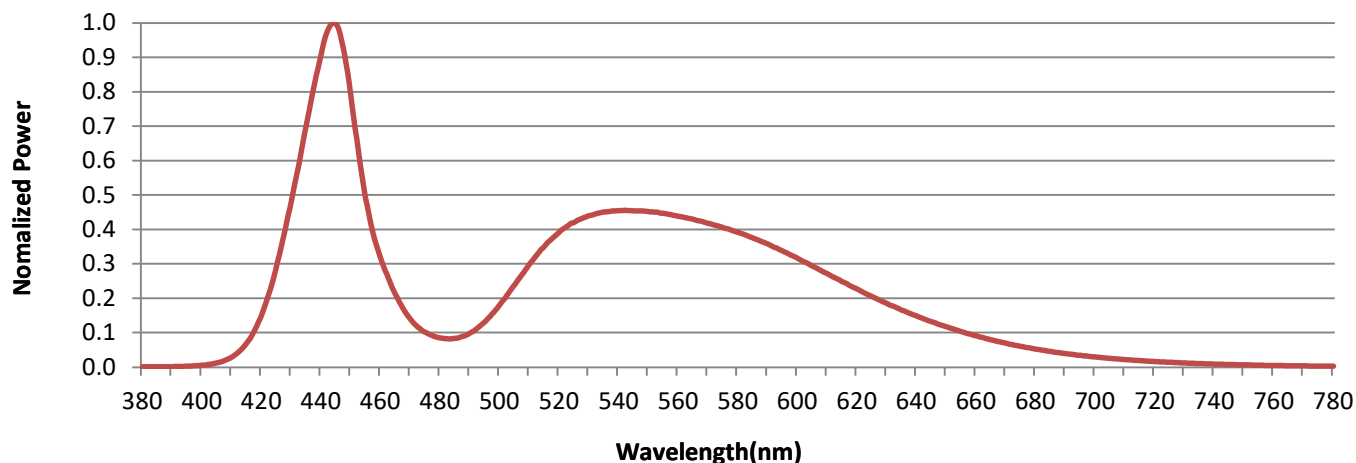
Ambient Temperature (°C):	25.0
Stabilization Time (Hours):	0:35
Total Operating Time (Hours):	1:00



FIG. 1 LUMINAIRE

Colorimetry Test Results

Spectral Power Distribution



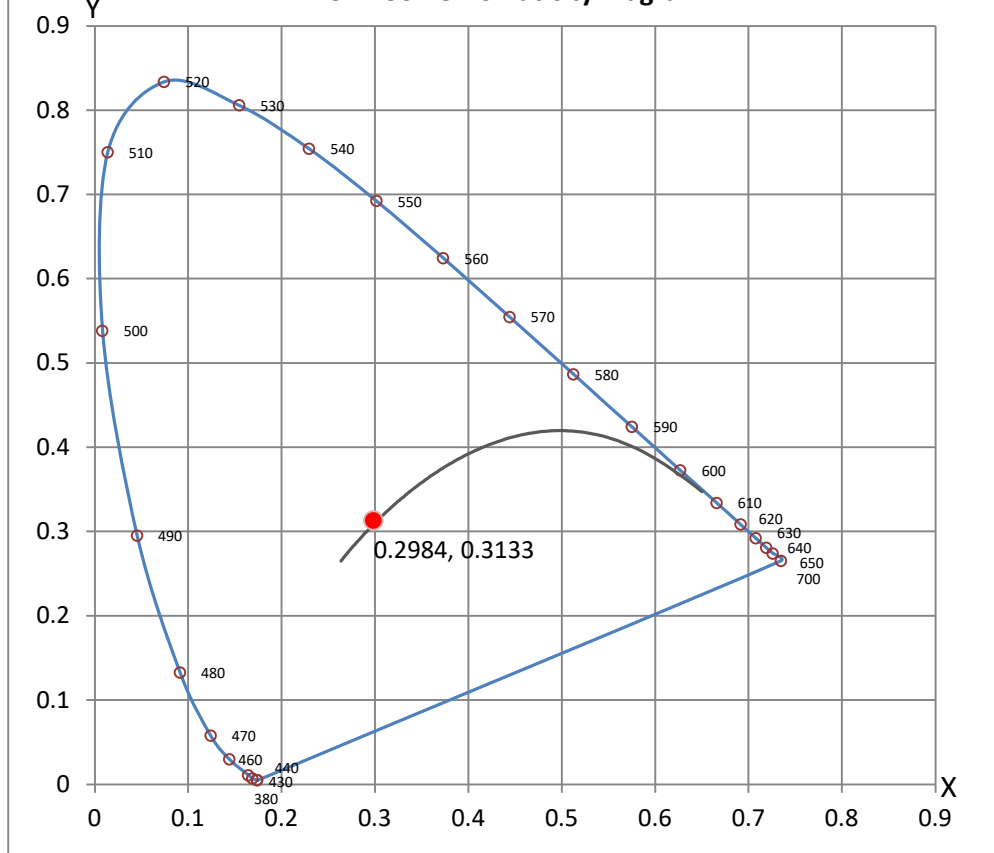
CRI & CCT

x	0.2984
y	0.3133
u'	0.0000
v'	0.0000
CRI	68.70
CCT	7582
Duv	0.0000

R Values

R1	68.79
R2	69.90
R3	69.39
R4	70.98
R5	70.78
R6	62.17
R7	76.09
R8	61.73
R9	-32.62
R10	27.71
R11	71.81
R12	42.94
R13	67.22
R14	82.07
R15	63.93

CIE 1931 Chromaticity Diagram





8165 E Kaiser Blvd. Anaheim, CA 92808
www.lightlaboratory.com

Report No: L062611001



Test Methods

Photometric Measurements - Goniophotometer

A Custom Light Laboratory Type C Rotating Mirror Goniophotometer was used to measure candelas(intensity) at each angle of distribution as defined by IESNA for the appropriate fixture type.

Ambient temperature is set to 25°C and is measured from the center of the fixture, within 1ft from the outside of the fixture. Temperature is maintained at 25°C throughout the testing process and the sample is stabilized for at least 30mins and longer as necessary for the sample to achieve stabilization.

Electrical measurements are measured using the listed equipment.

Spectral Measurements - Integrating Sphere

A Sensing Spectroradiometer SPR-3000, in conjunction with Light Laboratory 2 meter integrating sphere was used to measure chromaticity coordinates, correlated color temperature(CCT) and the color rendering index(CRI) for each sample.

Ambient temperature is set to 25°C and is measured from the center of the fixture, within 1ft from the outside of the fixture. Temperature is maintained at 25°C throughout the testing process and the sample is stabilized for at least 30mins and longer as necessary for the sample to achieve stabilization.

Electrical measurements are measured using the listed equipment.

Disclaimers:

The results related only to the samples as received and tested. This report must not be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government.

Report Prepared by : JG

Test Report Reviewed by:

Jason Gee

**Attached are photometric data reports.*



8165 E Kaiser Blvd. Anaheim, CA 92808
www.lightlaboratory.com

Report No: L062611001



Addendum A

Report Amendment Log

Date	Reference No.	Revision Description	Revision By



8165 E. Kaiser Blvd. Anaheim, CA 92808
www.lightlaboratory.com

Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L062611001.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L062611001
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
[ISSUE DATE] 6/9/2026
[MANUFAC] Mega-Lite
[LUMCAT] 7076 - Narrow
[LUMINAIRE] Followbot 600
[BALLASTCAT] Custom
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[INPUT] 120VAC
[TEST PROCEDURE] IESNA:LM-79-19

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

NEMA Type	0 H x 0 V
Maximum Candela	3094336
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	4.1
Vertical Beam Angle (50%)	4.1
Horizontal Field Angle (10%)	6.0
Vertical Field Angle (10%)	6.0
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	3510
Beam Efficiency	N.A.
Field Lumens	14604
Field Efficiency	N.A.
Spill Lumens	1968
Luminaire Lumens	16573
Total Efficiency	N.A.
Total Luminaire Watts	675.93
Ballast Factor	1.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L062611001.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1	85	1
75	1	75	1
65	1	65	1
55	3	55	3
47.5	5	47.5	5
42.5	8	42.5	8
37.5	11	37.5	11
33	14	33	14
29	20	29	20
25.5	84	25.5	84
22.5	109	22.5	109
19.5	81	19.5	81
17	134	17	134
15	209	15	209
13	262	13	262
11	568	11	568
9	929	9	929
7	794	7	794
5	906	5	906
3	299550	3	299550
1	2995495	1	2995495
0	3094336	0	3094336
-1	2995495	-1	2995495
-3	299550	-3	299550
-5	906	-5	906
-7	794	-7	794
-9	929	-9	929
-11	568	-11	568
-13	262	-13	262
-15	209	-15	209
-17	134	-17	134
-19.5	81	-19.5	81
-22.5	109	-22.5	109
-25.5	84	-25.5	84
-29	20	-29	20
-33	14	-33	14
-37.5	11	-37.5	11
-42.5	8	-42.5	8
-47.5	5	-47.5	5
-55	3	-55	3
-65	1	-65	1
-75	1	-75	1
-85	1	-85	1
-90	0	-90	0

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L062611001.IES

CANDELA TABULATION

Maximum Candela = 3094336

Beam Edge = 1547168 Cd (50% of Max.)

Field Edge = 309433.6 Cd (10% of Max.)

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>-90.0</u>	<u>-85.0</u>	<u>-75.0</u>	<u>-65.0</u>	<u>-55.0</u>	<u>-47.5</u>	<u>-42.5</u>	<u>-37.5</u>	<u>-33.0</u>	<u>-29.0</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	1	1	1	1	1	1
75.0	0	0	1	1	1	1	1	1	1	1
65.0	0	0	1	1	1	1	1	1	1	1
55.0	0	1	1	1	1	1	1	1	2	2
47.5	0	1	1	1	1	1	2	2	3	3
42.5	0	1	1	1	1	2	3	3	4	4
37.5	0	1	1	1	1	2	3	4	5	6
33.0	0	1	1	1	2	3	4	5	6	8
29.0	0	1	1	1	2	3	4	6	8	9
25.5	0	1	1	1	2	4	5	7	9	11
22.5	0	1	1	1	2	4	5	8	10	12
19.5	0	1	1	1	3	4	6	9	11	13
17.0	0	1	1	1	3	4	6	9	12	14
15.0	0	1	1	1	3	5	7	10	12	15
13.0	0	1	1	1	3	5	7	10	13	16
11.0	0	1	1	1	3	5	7	10	13	17
9.0	0	1	1	1	3	5	8	10	13	18
7.0	0	1	1	1	3	5	8	11	14	19
5.0	0	1	1	1	3	5	8	11	14	19
3.0	0	1	1	1	3	5	8	11	14	20
1.0	0	1	1	1	3	5	8	11	14	20
0.0	0	1	1	1	3	5	8	11	14	20
-1.0	0	1	1	1	3	5	8	11	14	20
-3.0	0	1	1	1	3	5	8	11	14	20
-5.0	0	1	1	1	3	5	8	11	14	19
-7.0	0	1	1	1	3	5	8	11	14	19
-9.0	0	1	1	1	3	5	8	10	13	18
-11.0	0	1	1	1	3	5	7	10	13	17
-13.0	0	1	1	1	3	5	7	10	13	16
-15.0	0	1	1	1	3	5	7	10	12	15
-17.0	0	1	1	1	3	4	6	9	12	14
-19.5	0	1	1	1	3	4	6	9	11	13
-22.5	0	1	1	1	2	4	5	8	10	12
-25.5	0	1	1	1	2	4	5	7	9	11
-29.0	0	1	1	1	2	3	4	6	8	9
-33.0	0	1	1	1	2	3	4	5	6	8
-37.5	0	1	1	1	1	2	3	4	5	6
-42.5	0	1	1	1	1	2	3	3	4	4
-47.5	0	1	1	1	1	1	2	2	3	3
-55.0	0	1	1	1	1	1	1	1	2	2
-65.0	0	0	1	1	1	1	1	1	1	1
-75.0	0	0	1	1	1	1	1	1	1	1
-85.0	0	0	0	0	1	1	1	1	1	1
-90.0	0	0	0	0	0	0	0	0	0	0

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L062611001.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	1	1	1	1	1	1	1	1	1	1
75.0	1	1	1	1	1	1	1	1	1	1
65.0	1	1	1	1	1	1	1	1	1	1
55.0	2	2	3	3	3	3	3	3	3	3
47.5	4	4	4	4	5	5	5	5	5	5
42.5	5	5	6	6	7	7	7	8	8	8
37.5	7	8	9	9	10	10	10	10	11	11
33.0	9	10	11	12	12	13	13	13	14	14
29.0	11	12	13	14	15	16	17	18	19	19
25.5	12	14	16	18	20	31	45	58	68	76
22.5	14	16	19	40	60	78	89	95	101	105
19.5	16	19	51	81	93	102	107	99	92	87
17.0	18	40	81	98	109	98	87	88	105	119
15.0	20	60	93	109	96	83	102	125	152	179
13.0	31	78	102	98	83	106	135	180	216	238
11.0	45	89	107	87	102	135	190	231	262	404
9.0	58	95	99	88	125	180	231	308	509	697
7.0	68	101	92	105	152	216	262	509	769	902
5.0	76	105	87	119	179	238	404	697	902	794
3.0	81	107	83	129	198	253	507	842	835	860
1.0	84	109	81	134	209	262	568	929	794	906
0.0	84	109	81	134	209	262	568	929	794	906
-1.0	84	109	81	134	209	262	568	929	794	906
-3.0	81	107	83	129	198	253	507	842	835	860
-5.0	76	105	87	119	179	238	404	697	902	794
-7.0	68	101	92	105	152	216	262	509	769	902
-9.0	58	95	99	88	125	180	231	308	509	697
-11.0	45	89	107	87	102	135	190	231	262	404
-13.0	31	78	102	98	83	106	135	180	216	238
-15.0	20	60	93	109	96	83	102	125	152	179
-17.0	18	40	81	98	109	98	87	88	105	119
-19.5	16	19	51	81	93	102	107	99	92	87
-22.5	14	16	19	40	60	78	89	95	101	105
-25.5	12	14	16	18	20	31	45	58	68	76
-29.0	11	12	13	14	15	16	17	18	19	19
-33.0	9	10	11	12	12	13	13	13	14	14
-37.5	7	8	9	9	10	10	10	10	11	11
-42.5	5	5	6	6	7	7	7	8	8	8
-47.5	4	4	4	4	5	5	5	5	5	5
-55.0	2	2	3	3	3	3	3	3	3	3
-65.0	1	1	1	1	1	1	1	1	1	1
-75.0	1	1	1	1	1	1	1	1	1	1
-85.0	1	1	1	1	1	1	1	1	1	1
-90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	1	1	1	1	1	1	1	1	1	1
75.0	1	1	1	1	1	1	1	1	1	1
65.0	1	1	1	1	1	1	1	1	1	1

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L062611001.IES

CANDELA TABULATION - (Cont.)

55.0	3	3	3	3	3	3	3	3	3	3
47.5	5	5	5	5	5	5	5	5	5	5
42.5	8	8	8	8	8	8	8	8	7	7
37.5	11	11	11	11	11	11	11	10	10	10
33.0	14	14	14	14	14	14	14	13	13	13
29.0	20	20	20	20	20	19	19	18	17	16
25.5	81	84	84	84	81	76	68	58	45	31
22.5	107	109	109	109	107	105	101	95	89	78
19.5	83	81	81	81	83	87	92	99	107	102
17.0	129	134	134	134	129	119	105	88	87	98
15.0	198	209	209	209	198	179	152	125	102	83
13.0	253	262	262	262	253	238	216	180	135	106
11.0	507	568	568	568	507	404	262	231	190	135
9.0	842	929	929	929	842	697	509	308	231	180
7.0	835	794	794	794	835	902	769	509	262	216
5.0	860	906	906	906	860	794	902	697	404	238
3.0	114141	275340	299550	275340	114141	860	835	842	507	253
1.0	275340	2437195	*2995495	*2437195	*275340	906	794	929	568	262
0.0	299550	2995495	*3094336	*2995495	*299550	906	794	929	568	262
-1.0	275340	2437195	*2995495	*2437195	*275340	906	794	929	568	262
-3.0	114141	275340	299550	275340	114141	860	835	842	507	253
-5.0	860	906	906	906	860	794	902	697	404	238
-7.0	835	794	794	794	835	902	769	509	262	216
-9.0	842	929	929	929	842	697	509	308	231	180
-11.0	507	568	568	568	507	404	262	231	190	135
-13.0	253	262	262	262	253	238	216	180	135	106
-15.0	198	209	209	209	198	179	152	125	102	83
-17.0	129	134	134	134	129	119	105	88	87	98
-19.5	83	81	81	81	83	87	92	99	107	102
-22.5	107	109	109	109	107	105	101	95	89	78
-25.5	81	84	84	84	81	76	68	58	45	31
-29.0	20	20	20	20	20	19	19	18	17	16
-33.0	14	14	14	14	14	14	14	13	13	13
-37.5	11	11	11	11	11	11	11	10	10	10
-42.5	8	8	8	8	8	8	8	8	7	7
-47.5	5	5	5	5	5	5	5	5	5	5
-55.0	3	3	3	3	3	3	3	3	3	3
-65.0	1	1	1	1	1	1	1	1	1	1
-75.0	1	1	1	1	1	1	1	1	1	1
-85.0	1	1	1	1	1	1	1	1	1	1
-90.0	0	0	0	0	0	0	0	0	0	0

Vert. Horizontal Angles
Angles

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	1	1	1	1	1	1	1	1	1	1
75.0	1	1	1	1	1	1	1	1	1	1
65.0	1	1	1	1	1	1	1	1	1	1
55.0	3	3	3	2	2	2	2	1	1	1
47.5	5	4	4	4	4	3	3	2	2	1
42.5	7	6	6	5	5	4	4	3	3	2
37.5	10	9	9	8	7	6	5	4	3	2
33.0	12	12	11	10	9	8	6	5	4	3
29.0	15	14	13	12	11	9	8	6	4	3
25.5	20	18	16	14	12	11	9	7	5	4

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L062611001.IES

CANDELA TABULATION - (Cont.)

22.5	60	40	19	16	14	12	10	8	5	4
19.5	93	81	51	19	16	13	11	9	6	4
17.0	109	98	81	40	18	14	12	9	6	4
15.0	96	109	93	60	20	15	12	10	7	5
13.0	83	98	102	78	31	16	13	10	7	5
11.0	102	87	107	89	45	17	13	10	7	5
9.0	125	88	99	95	58	18	13	10	8	5
7.0	152	105	92	101	68	19	14	11	8	5
5.0	179	119	87	105	76	19	14	11	8	5
3.0	198	129	83	107	81	20	14	11	8	5
1.0	209	134	81	109	84	20	14	11	8	5
0.0	209	134	81	109	84	20	14	11	8	5
-1.0	209	134	81	109	84	20	14	11	8	5
-3.0	198	129	83	107	81	20	14	11	8	5
-5.0	179	119	87	105	76	19	14	11	8	5
-7.0	152	105	92	101	68	19	14	11	8	5
-9.0	125	88	99	95	58	18	13	10	8	5
-11.0	102	87	107	89	45	17	13	10	7	5
-13.0	83	98	102	78	31	16	13	10	7	5
-15.0	96	109	93	60	20	15	12	10	7	5
-17.0	109	98	81	40	18	14	12	9	6	4
-19.5	93	81	51	19	16	13	11	9	6	4
-22.5	60	40	19	16	14	12	10	8	5	4
-25.5	20	18	16	14	12	11	9	7	5	4
-29.0	15	14	13	12	11	9	8	6	4	3
-33.0	12	12	11	10	9	8	6	5	4	3
-37.5	10	9	9	8	7	6	5	4	3	2
-42.5	7	6	6	5	5	4	4	3	3	2
-47.5	5	4	4	4	4	3	3	2	2	1
-55.0	3	3	3	2	2	2	2	1	1	1
-65.0	1	1	1	1	1	1	1	1	1	1
-75.0	1	1	1	1	1	1	1	1	1	1
-85.0	1	1	1	1	1	1	1	1	1	1
-90.0	0	0	0	0	0	0	0	0	0	0

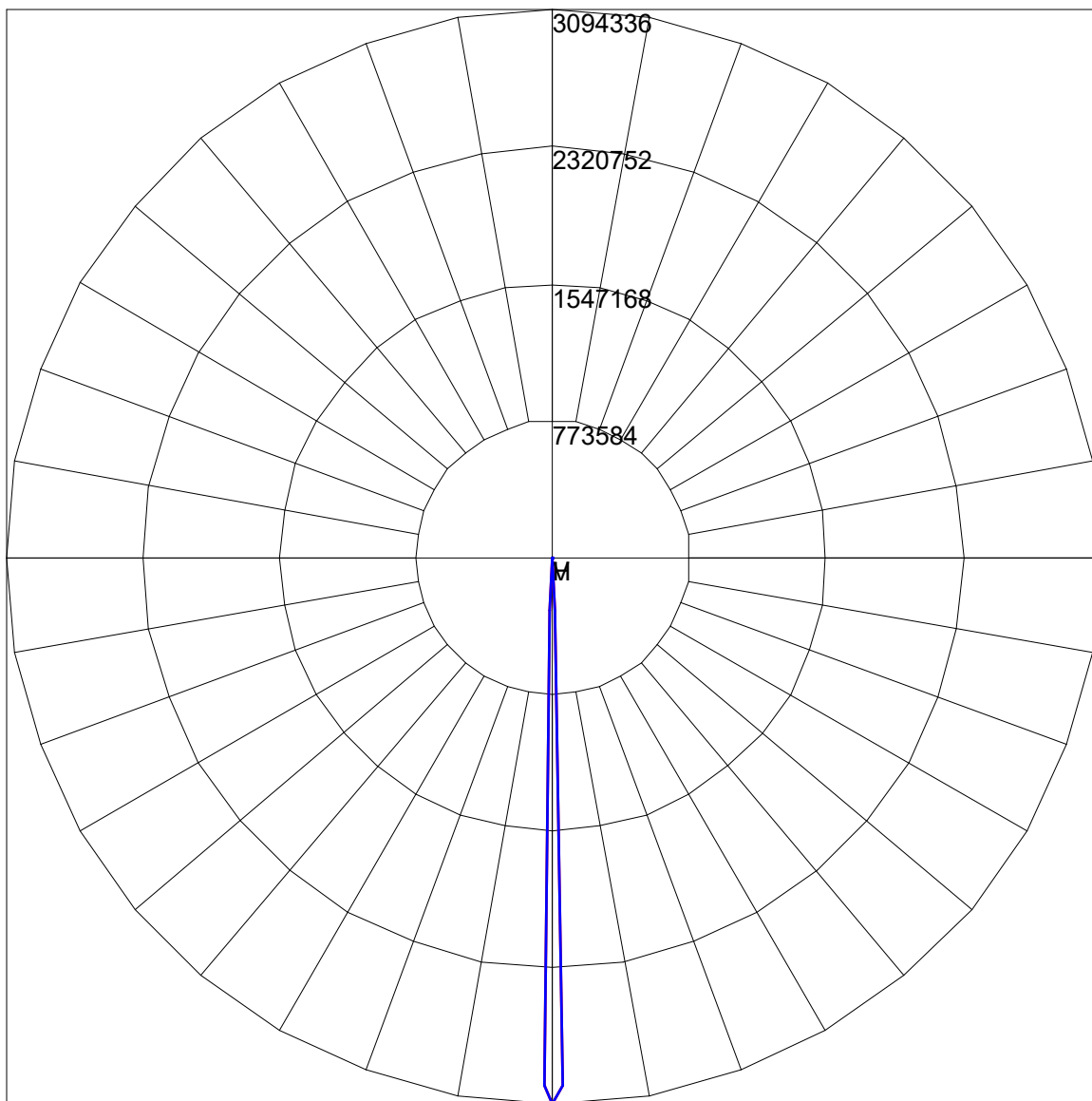
Vert. Angles	Horizontal Angles				
	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0	0	0	0	0
85.0	1	0	0	0	0
75.0	1	1	1	0	0
65.0	1	1	1	0	0
55.0	1	1	1	1	0
47.5	1	1	1	1	0
42.5	1	1	1	1	0
37.5	1	1	1	1	0
33.0	2	1	1	1	0
29.0	2	1	1	1	0
25.5	2	1	1	1	0
22.5	2	1	1	1	0
19.5	3	1	1	1	0
17.0	3	1	1	1	0
15.0	3	1	1	1	0
13.0	3	1	1	1	0
11.0	3	1	1	1	0
9.0	3	1	1	1	0

IES FLOOD REPORT
 PHOTOMETRIC FILENAME : L062611001.IES

CANDELA TABULATION - (Cont.)

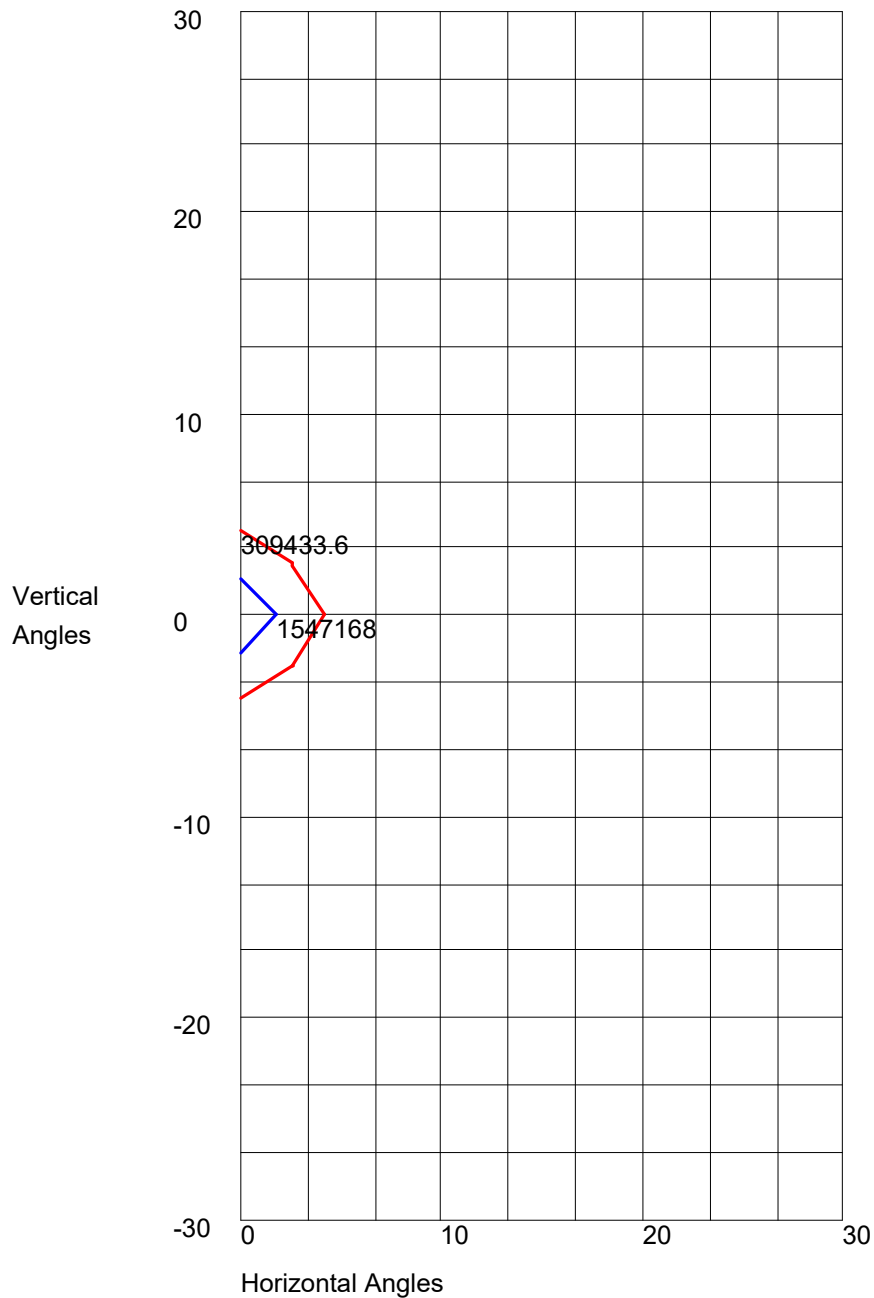
7.0	3	1	1	1	0
5.0	3	1	1	1	0
3.0	3	1	1	1	0
1.0	3	1	1	1	0
0.0	3	1	1	1	0
-1.0	3	1	1	1	0
-3.0	3	1	1	1	0
-5.0	3	1	1	1	0
-7.0	3	1	1	1	0
-9.0	3	1	1	1	0
-11.0	3	1	1	1	0
-13.0	3	1	1	1	0
-15.0	3	1	1	1	0
-17.0	3	1	1	1	0
-19.5	3	1	1	1	0
-22.5	2	1	1	1	0
-25.5	2	1	1	1	0
-29.0	2	1	1	1	0
-33.0	2	1	1	1	0
-37.5	1	1	1	1	0
-42.5	1	1	1	1	0
-47.5	1	1	1	1	0
-55.0	1	1	1	1	0
-65.0	1	1	1	0	0
-75.0	1	1	1	0	0
-85.0	1	0	0	0	0
-90.0	0	0	0	0	0

AXIAL CANDELA DISPLAY



Maximum Candela = 3094336 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3094336 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 1547168
10% Maximum Candela = 309433.6

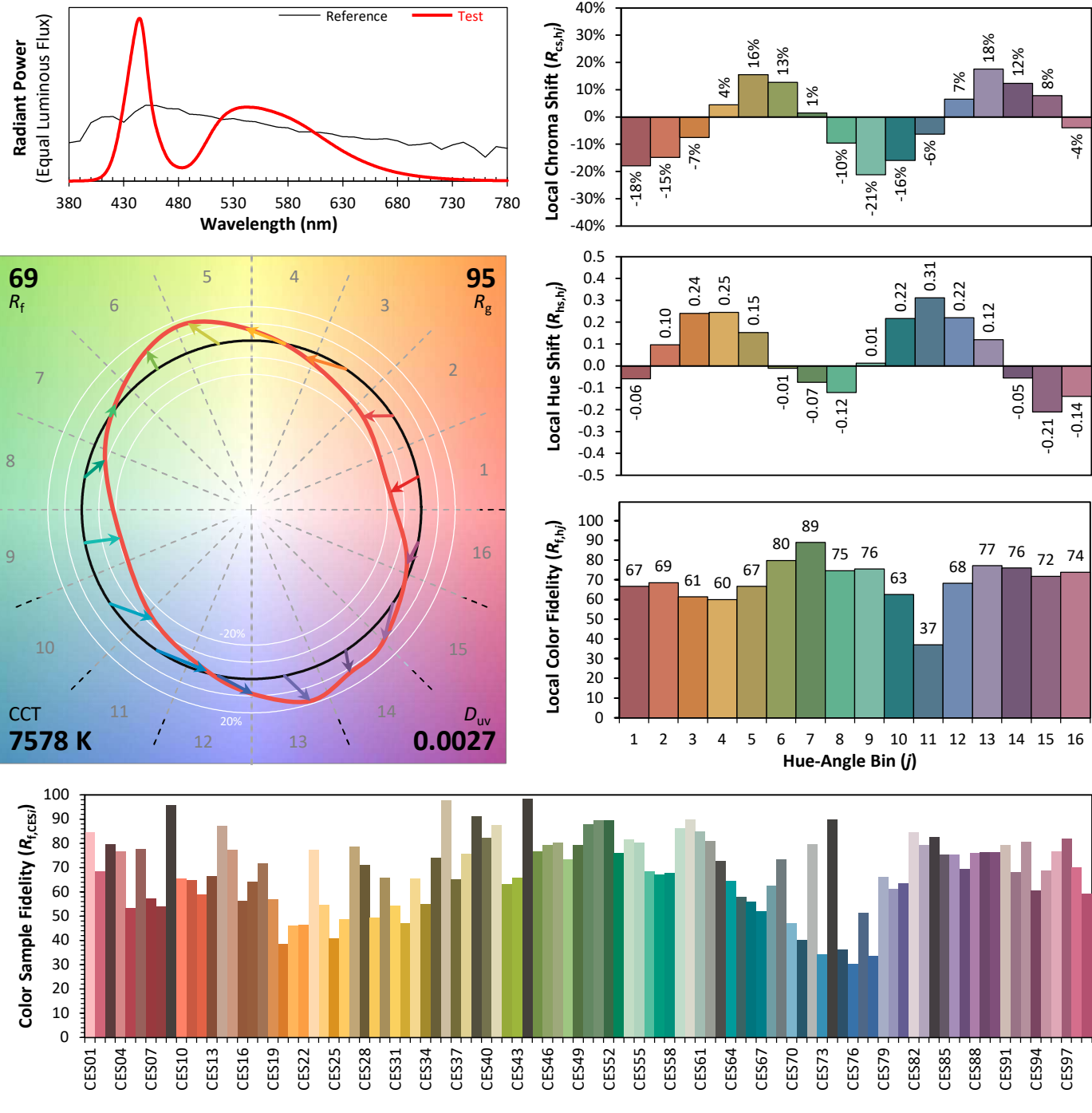
ANSI/IES TM-30-18 Color Rendition Report

Source: L062611001

Date: 6/9/2026

Manufacturer: Mega-Lite

Model: 7076 - Narrow



Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

x 0.2984
 y 0.3133
 u' 0.1937
 v' 0.4575

CIE 13.3-1995 (CRI)
 R_a 69
 R_g -33