

Report of Test

LLIA000802-002A

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.
36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.
One LTF DA12W350C1834D010-0014 dimming LED driver.
120.0Vac, 60.00Hz, 0.1287A, 15.18W, 0.983PF, 8.0%THD(i)



Performance Summary

Total Light Output	388 lm
Luminaire Power	15.2 W
Luminous Efficacy	25.5 lm/W

PREPARED FOR : Oxygen Lighting, 201 Railhead Road, Fort Worth, TX 76106, USA



Test Report No. LLIA000802-002A

Catalog Number: 3-532 Alcor

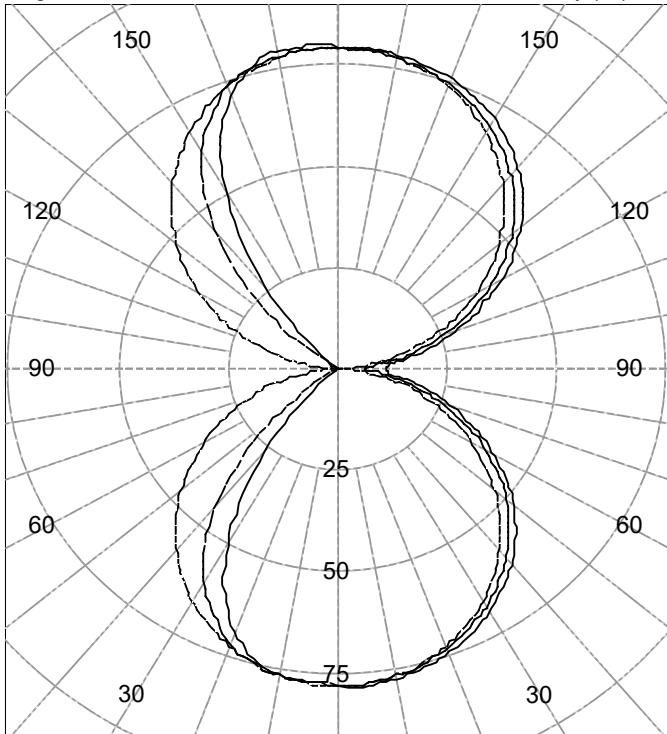
Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.

36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.

One LTF DA12W350C1834D010-0014 dimming LED driver.

120.0Vac, 60.00Hz, 0.1287A, 15.18W, 0.983PF, 8.0%THD(i)

Legend: C0/C180-Solid, C45/C225-Dashed, C90/C270-Grey (cd)



C180-C270 (Symmetric about C0/C180) C0-C90

AVERAGE LUMINANCE (cd/m²)

Gamma	C0	C45	C90
45.0	5438	5234	4949
55.0	5447	5209	4776
65.0	5464	5081	4511
75.0	5705	4982	4074
85.0	8941	6161	3134

INTENSITY SUMMARY (cd)

Gamma	C-Plane					Flux (lm)
	C0	C22.5	C45	C67.5	C90	
0.0	77.7	77.7	77.7	77.7	77.7	7
5.0	78.3	78.2	77.6	77.2	77.6	
10.0	77.4	77.3	76.6	76.2	76.6	
15.0	76.0	75.8	75.1	74.4	74.8	21
20.0	74.2	74.0	73.0	72.2	72.5	31
25.0	71.9	71.6	70.5	69.3	69.5	
30.0	69.0	68.7	67.4	66.0	65.9	36
35.0	65.7	65.3	63.8	62.1	61.8	
40.0	61.8	61.3	59.7	57.8	57.2	33
45.0	57.3	56.8	55.1	53.0	52.1	
50.0	52.2	51.7	50.1	47.8	46.6	27
55.0	46.5	46.1	44.5	42.3	40.8	
60.0	40.6	40.0	38.5	36.5	34.7	19
65.0	34.4	33.8	32.0	30.4	28.4	
70.0	28.1	27.5	25.5	24.1	22.0	12
75.0	22.0	21.3	19.2	17.5	15.7	
80.0	16.3	15.6	13.2	11.0	9.7	5
85.0	11.6	10.7	8.0	5.1	4.1	
90.0	11.0	10.0	6.5	2.0	0.0	

ZONAL FLUX AND PERCENTAGES

Zone	Flux (lm)	% Lamp	% Luminaire
0-30	60	N / A	15.4
0-40	96	N / A	24.7
0-60	156	N / A	40.2
0-90	192	N / A	49.4
40-90	96	N / A	24.7
60-90	36	N / A	9.2
90-180	196	N / A	50.6
0-180	388	N / A	100.0

Total Light Output = 388 lm

Signed:

Authorized Signatory

Date of test

12-Jul-2017

Date of report

12-Jul-2017



Test Report No. LLIA000802-002A

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.
36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.
One LTF DA12W350C1834D010-0014 dimming LED driver.
120.0Vac, 60.00Hz, 0.1287A, 15.18W, 0.983PF, 8.0%THD(i)

Intensity data (cd)

Gamma	C-Plane				
	C0	C22.5	C45	C67.5	C90
0.0	77.7	77.7	77.7	77.7	77.7
2.5	78.5	78.3	77.8	77.4	77.9
5.0	78.3	78.2	77.6	77.2	77.6
7.5	78.0	77.8	77.2	76.8	77.2
10.0	77.4	77.3	76.6	76.2	76.6
12.5	76.8	76.6	75.9	75.4	75.8
15.0	76.0	75.8	75.1	74.4	74.8
17.5	75.1	75.0	74.1	73.4	73.7
20.0	74.2	74.0	73.0	72.2	72.5
22.5	73.1	72.8	71.8	70.8	71.1
25.0	71.9	71.6	70.5	69.3	69.5
27.5	70.5	70.2	69.0	67.7	67.8
30.0	69.0	68.7	67.4	66.0	65.9
32.5	67.4	67.1	65.7	64.1	63.9
35.0	65.7	65.3	63.8	62.1	61.8
37.5	63.8	63.4	61.8	60.0	59.6
40.0	61.8	61.3	59.7	57.8	57.2
42.5	59.6	59.1	57.5	55.4	54.8
45.0	57.3	56.8	55.1	53.0	52.1
47.5	54.8	54.3	52.7	50.5	49.4
50.0	52.2	51.7	50.1	47.8	46.6
52.5	49.5	48.9	47.4	45.1	43.8
55.0	46.5	46.1	44.5	42.3	40.8
57.5	43.6	43.1	41.5	39.4	37.8
60.0	40.6	40.0	38.5	36.5	34.7
62.5	37.5	36.9	35.3	33.5	31.5
65.0	34.4	33.8	32.0	30.4	28.4
67.5	31.2	30.6	28.8	27.3	25.2
70.0	28.1	27.5	25.5	24.1	22.0
72.5	25.0	24.4	22.3	20.8	18.9
75.0	22.0	21.3	19.2	17.5	15.7
77.5	19.0	18.4	16.2	14.2	12.6
80.0	16.3	15.6	13.2	11.0	9.7
82.5	13.6	12.9	10.5	7.9	6.8
85.0	11.6	10.7	8.0	5.1	4.1
87.5	11.0	10.0	6.6	2.6	1.5
90.0	11.0	10.0	6.5	2.0	0.0



Test Report No. LLIA000802-002A

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.
36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.
One LTF DA12W350C1834D010-0014 dimming LED driver.
120.0Vac, 60.00Hz, 0.1287A, 15.18W, 0.983PF, 8.0%THD(i)

Intensity data (cd)

Gamma	C-Plane				
	C0	C22.5	C45	C67.5	C90
90.0	11.0	10.0	6.5	2.0	0.0
92.5	11.1	10.1	6.7	2.7	1.6
95.0	11.8	11.0	8.2	5.3	4.2
97.5	14.1	13.4	10.9	8.3	7.1
100.0	16.8	16.2	13.8	11.5	10.1
102.5	19.8	19.1	16.8	14.8	13.2
105.0	22.9	22.2	20.0	18.2	16.4
107.5	26.1	25.4	23.3	21.7	19.6
110.0	29.4	28.7	26.6	25.0	22.8
112.5	32.6	32.0	29.9	28.3	26.1
115.0	35.9	35.2	33.2	31.5	29.4
117.5	39.2	38.5	36.5	34.7	32.6
120.0	42.4	41.7	39.8	37.7	35.8
122.5	45.5	44.8	42.9	40.8	38.9
125.0	48.5	47.9	46.0	43.7	42.0
127.5	51.5	50.9	48.9	46.5	45.0
130.0	54.4	53.7	51.6	49.2	47.9
132.5	57.0	56.4	54.3	51.9	50.7
135.0	59.5	58.8	56.8	54.4	53.4
137.5	61.8	61.2	59.1	56.9	56.1
140.0	64.0	63.4	61.3	59.2	58.5
142.5	66.0	65.4	63.5	61.4	60.9
145.0	67.8	67.3	65.4	63.5	63.2
147.5	69.6	69.1	67.2	65.5	65.3
150.0	71.1	70.6	68.9	67.3	67.3
152.5	72.5	72.1	70.5	69.1	69.1
155.0	73.8	73.4	71.9	70.7	70.8
157.5	74.9	74.6	73.2	72.2	72.4
160.0	75.9	75.6	74.4	73.5	73.8
162.5	76.8	76.5	75.4	74.7	75.0
165.0	77.4	77.3	76.3	75.7	76.1
167.5	78.0	77.9	77.1	76.6	77.0
170.0	78.5	78.5	77.7	77.3	77.8
172.5	78.9	78.9	78.2	77.9	78.4
175.0	79.1	79.2	78.6	78.3	78.9
177.5	79.3	79.3	78.8	78.5	79.1
180.0	79.0	79.0	79.0	79.0	79.0



Test Report No. LLIA000802-002A

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.

36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.

One LTF DA12W350C1834D010-0014 dimming LED driver.

120.0Vac, 60.00Hz, 0.1287A, 15.18W, 0.983PF, 8.0%THD(i)

Intensity data (cd)

Gamma	C-Plane				
	C90	C112.5	C135	C157.5	C180
0.0	77.7	77.7	77.7	77.7	77.7
2.5	77.9	77.2	77.4	77.7	77.6
5.0	77.6	77.0	77.2	77.6	77.5
7.5	77.2	76.7	76.9	77.2	77.1
10.0	76.6	76.1	76.3	76.7	76.7
12.5	75.8	75.4	75.7	76.0	75.9
15.0	74.8	74.4	74.8	74.8	74.1
17.5	73.7	73.4	73.7	72.5	71.7
20.0	72.5	72.2	71.9	69.8	68.7
22.5	71.1	70.8	69.6	66.7	65.2
25.0	69.5	69.3	67.0	62.9	60.9
27.5	67.8	67.7	64.0	58.6	55.9
30.0	65.9	65.9	60.6	53.5	50.2
32.5	63.9	63.7	56.8	47.9	43.9
35.0	61.8	61.1	52.5	41.8	37.3
37.5	59.6	58.4	47.7	35.3	30.5
40.0	57.2	55.4	42.4	28.7	23.7
42.5	54.8	52.2	36.8	22.1	17.1
45.0	52.1	48.8	30.9	15.7	10.7
47.5	49.4	45.2	25.0	9.6	4.5
50.0	46.6	41.3	19.1	3.6	0.0
52.5	43.8	37.1	13.4	0.0	0.0
55.0	40.8	32.7	8.0	0.0	0.0
57.5	37.8	28.0	2.8	0.0	0.0
60.0	34.7	23.1	0.6	0.0	0.0
62.5	31.5	18.2	0.6	0.0	0.0
65.0	28.4	13.5	0.5	0.0	0.0
67.5	25.2	9.1	0.5	0.0	0.0
70.0	22.0	5.0	0.4	0.0	0.0
72.5	18.9	2.5	0.3	0.0	0.0
75.0	15.7	2.1	0.3	0.0	0.0
77.5	12.6	1.7	0.2	0.0	0.0
80.0	9.7	1.3	0.0	0.0	0.0
82.5	6.8	0.9	0.0	0.0	0.0
85.0	4.1	0.6	0.0	0.0	0.0
87.5	1.5	0.2	0.0	0.0	0.0
90.0	0.0	0.0	0.0	0.0	0.0



Test Report No. LLIA000802-002A

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.

36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.

One LTF DA12W350C1834D010-0014 dimming LED driver.

120.0Vac, 60.00Hz, 0.1287A, 15.18W, 0.983PF, 8.0%THD(i)

Intensity data (cd)

Gamma	C-Plane				
	C90	C112.5	C135	C157.5	C180
90.0	0.0	0.0	0.0	0.0	0.0
92.5	1.6	0.2	0.0	0.0	0.0
95.0	4.2	0.6	0.0	0.0	0.0
97.5	7.1	0.9	0.0	0.0	0.0
100.0	10.1	1.3	0.0	0.0	0.0
102.5	13.2	1.7	0.2	0.0	0.0
105.0	16.4	2.1	0.3	0.0	0.0
107.5	19.6	2.5	0.4	0.0	0.0
110.0	22.8	4.7	0.4	0.0	0.0
112.5	26.1	8.7	0.5	0.0	0.0
115.0	29.4	13.2	0.5	0.0	0.0
117.5	32.6	18.0	0.6	0.0	0.0
120.0	35.8	23.0	0.6	0.0	0.0
122.5	38.9	28.1	2.1	0.0	0.0
125.0	42.0	33.0	7.4	0.0	0.0
127.5	45.0	37.7	12.8	0.0	0.0
130.0	47.9	42.1	18.5	2.9	0.0
132.5	50.7	46.2	24.4	8.9	3.7
135.0	53.4	50.0	30.5	15.0	10.0
137.5	56.1	53.6	36.6	21.5	16.5
140.0	58.5	56.8	42.4	28.2	23.3
142.5	60.9	59.8	48.0	35.0	30.4
145.0	63.2	62.7	53.1	41.8	37.5
147.5	65.3	65.3	57.8	48.3	44.5
150.0	67.3	67.5	61.9	54.3	51.2
152.5	69.1	69.3	65.5	59.7	57.3
155.0	70.8	70.9	68.5	64.5	62.8
157.5	72.4	72.4	71.2	68.5	67.4
160.0	73.8	73.7	73.7	71.8	71.2
162.5	75.0	74.9	75.5	74.6	74.3
165.0	76.1	75.9	76.4	76.9	76.8
167.5	77.0	76.7	77.3	78.1	78.6
170.0	77.8	77.5	77.9	78.7	79.2
172.5	78.4	78.0	78.4	79.1	79.6
175.0	78.9	78.3	78.7	79.4	79.8
177.5	79.1	78.5	78.9	79.5	79.9
180.0	79.0	79.0	79.0	79.0	79.0



Test Number: LLIA000802-002A

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.

36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.

One LTF DA12W350C1834D010-0014 dimming LED driver.

120.0Vac, 60.00Hz, 0.1287A, 15.18W, 0.983PF, 8.0%THD(i)

Coefficients Of Utilization - Zonal Cavity Method

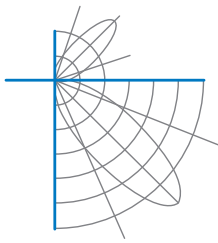
Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	49
1	98	93	89	86	90	86	83	80	73	70	68	60	59	57	49	48	47	42
2	89	82	76	70	82	76	70	66	64	60	57	53	50	48	43	41	40	35
3	81	72	65	59	75	67	60	55	57	52	48	47	44	41	39	36	34	30
4	75	64	56	50	68	59	52	47	50	45	41	42	38	35	35	32	30	26
5	69	57	49	43	63	53	46	40	45	40	36	38	34	31	31	28	26	23
6	63	51	43	37	58	48	40	35	41	35	31	35	30	27	29	25	23	20
7	58	46	38	33	54	43	36	31	37	32	27	31	27	24	26	23	20	18
8	54	42	34	29	50	39	32	28	34	28	24	29	25	21	24	21	18	16
9	51	38	31	26	47	36	29	25	31	26	22	27	22	19	22	19	17	15
10	47	35	28	23	44	33	27	22	29	23	20	25	20	17	21	17	15	13

For absolute test reports, CUs are expressed as a percentage of total lumen output. Calculations were based on published IES procedures, and are based on the zonal cavity method. Basic assumptions: 1) Room surfaces are lambertian reflectors. 2) Incident flux on each surface is uniformly distributed. 3) The room is spectrally neutral. When luminaires are not evenly distributed throughout the room, or do not exhibit lateral symmetry, CU values may differ from actual performance.

Circle of Light Plot

Height(ft)	Illuminance at Nadir (fc)	Beam Width (across 50% Nadir Illum)	
		0-180	90-270
6.0	2.2	7.09	7.56
8.0	1.2	9.45	10.08
10.0	0.8	11.81	12.60
12.0	0.5	14.17	15.12
14.0	0.4	16.54	17.64
16.0	0.3	18.90	20.16



Test Report No. LLIA000802-002A

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.
36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.
One LTF DA12W350C1834D010-0014 dimming LED driver.
120.0Vac, 60.00Hz, 0.1287A, 15.18W, 0.983PF, 8.0%THD(i)





Test Report No. LLIA000802-002A

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.
36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.
One LTF DA12W350C1834D010-0014 dimming LED driver.
120.0Vac, 60.00Hz, 0.1287A, 15.18W, 0.983PF, 8.0%THD(i)

Test Distance 9.5 m
Test Temperature 25.0 °C

Notes The laboratory has not participated in the selection of samples to be tested. All testing is performed on the understanding that the significance of the report is limited to the extent that the test sample is representative of production units.

Tested in accordance with the applicable sections of publications: IES LM-79-08 (Sec. 12), IES LM-16-93, IES LM-58-13, CIE 13.3:1995, CIE 15:2004, ANSI C78.377:2015, ANSI C82.77-10:2014.

The luminous intensity values, and other derived quantities, contained in this report are based on the absolute data, as measured.

Prorating the performance of the sample for the use of other component combinations (such as lamp / LED / Ballast / driver), or for use in different environmental conditions than that tested, may produce erroneous results.

This report is free of erasures and corrections.

Photometric intensity values are reported using the CIE Gamma coordinate system as defined in CIE publication number 121.

This report may contain data that are not covered by the NVLAP accreditation. Quantities marked with * are not covered.

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.

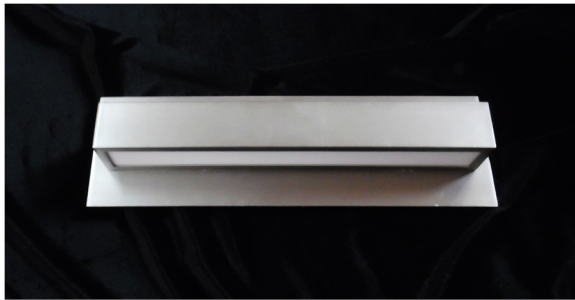


Report of Test

LLIA000802-002B

Integrating Sphere Report
Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.
36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.
One LTF DA12W350C1834D010-0014 dimming LED driver.



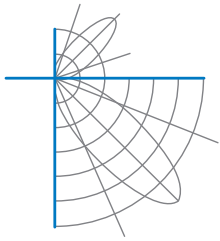
Performance Summary

Voltage	120.0 Vac
Current	0.1284 A
Power	15.15 W
Frequency	60.00 Hz
Power Factor	0.983
Current THD	8.0 %

Total Luminous Flux	381.2 lm
Efficacy	25.2 lm/W
Chromaticity (x,y)	(0.4358, 0.3971)
(u',v')	(0.2529, 0.5184)
Duv	-0.0026
CCT	2961 K
CRI (Ra)	94
R9	65

Prepared For:
Oxygen Lighting
201 Railhead Road
Fort Worth, TX 76106, USA

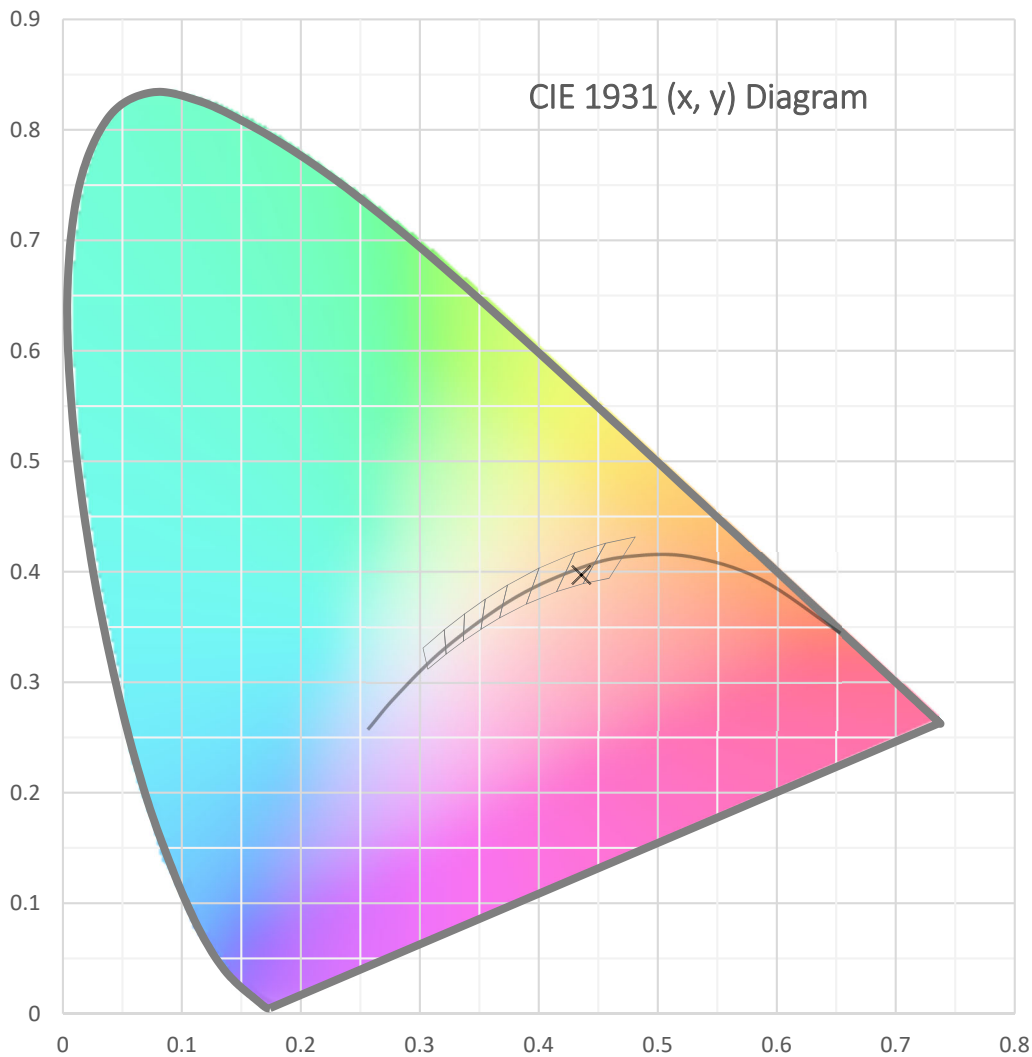
Test date: 06/29/2017
Report date: 07/12/2017

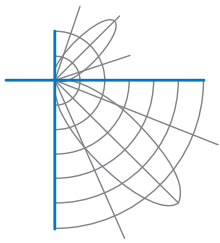


Test Report Number: LLIA000802-002B

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.
36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.
One LTF DA12W350C1834D010-0014 dimming LED driver.

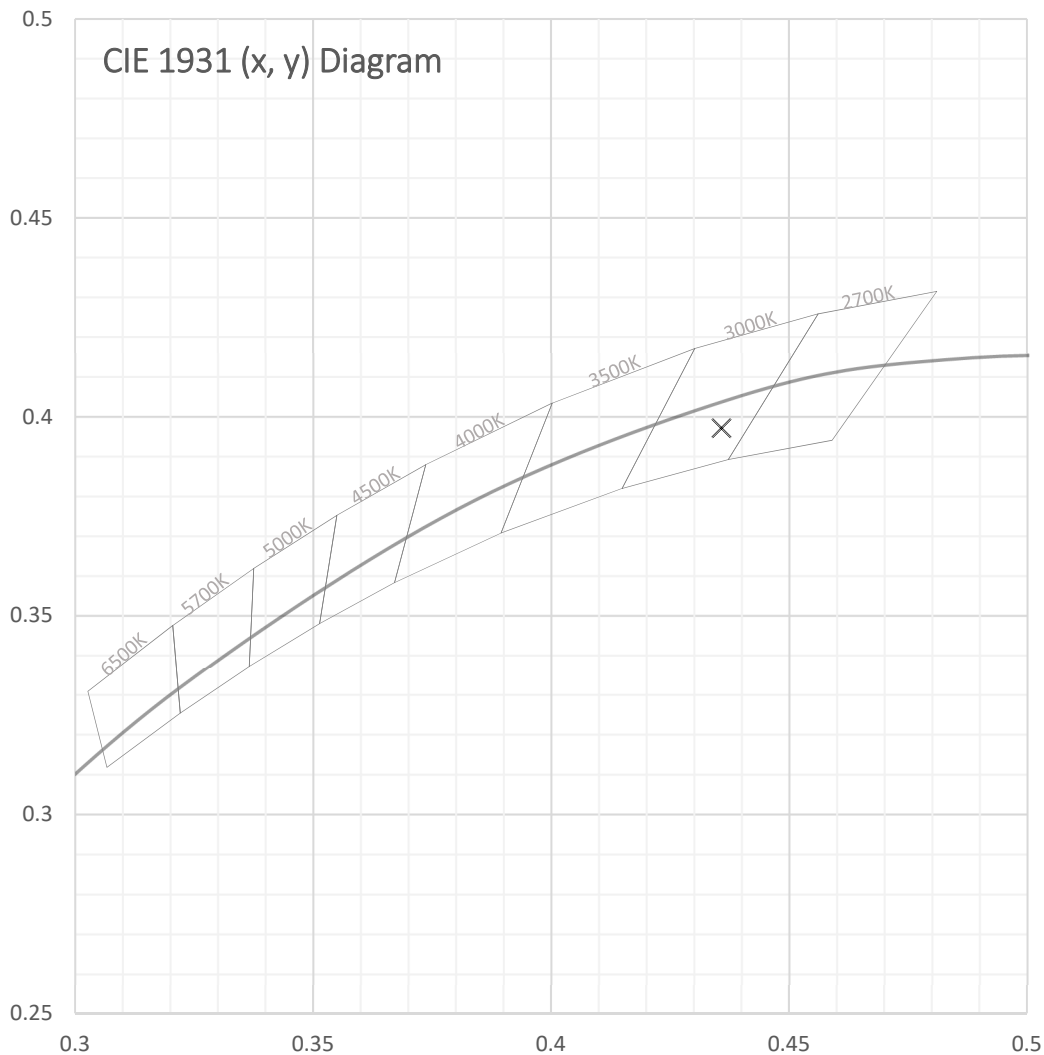




Test Report Number: LLIA000802-002B

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.
36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.
One LTF DA12W350C1834D010-0014 dimming LED driver.





Test Report Number: LLIA000802-002B

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.
36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.
One LTF DA12W350C1834D010-0014 dimming LED driver.

Spectral Data

Total Radiant Flux	1.365 W
Total Luminous Flux	381.2 Lm
Chromaticity CIE 1931 (x, y)	(0.4358, 0.3971)
Chromaticity CIE 1976 (u', v')	(0.2529, 0.5184)
Correlated Color Temperature (CCT)	2961 K
Color Rendering Index (Ra)	94
R1	95
R2	98
R3	98
R4	93
R5	94
R6	96
R7	92
R8	84
R9	65
R10	94
R11	94
R12	85
R13	96
R14	99
Distance from Planckian Locus (Duv)	-0.0026
Scotopic/Photopic Ratio *	1.426

Electrical Data

Voltage	120.0 Vac
Current	0.1284 A
Power	15.15 W
Frequency	60.00 Hz
Power Factor	0.983
Current THD	8.0 %



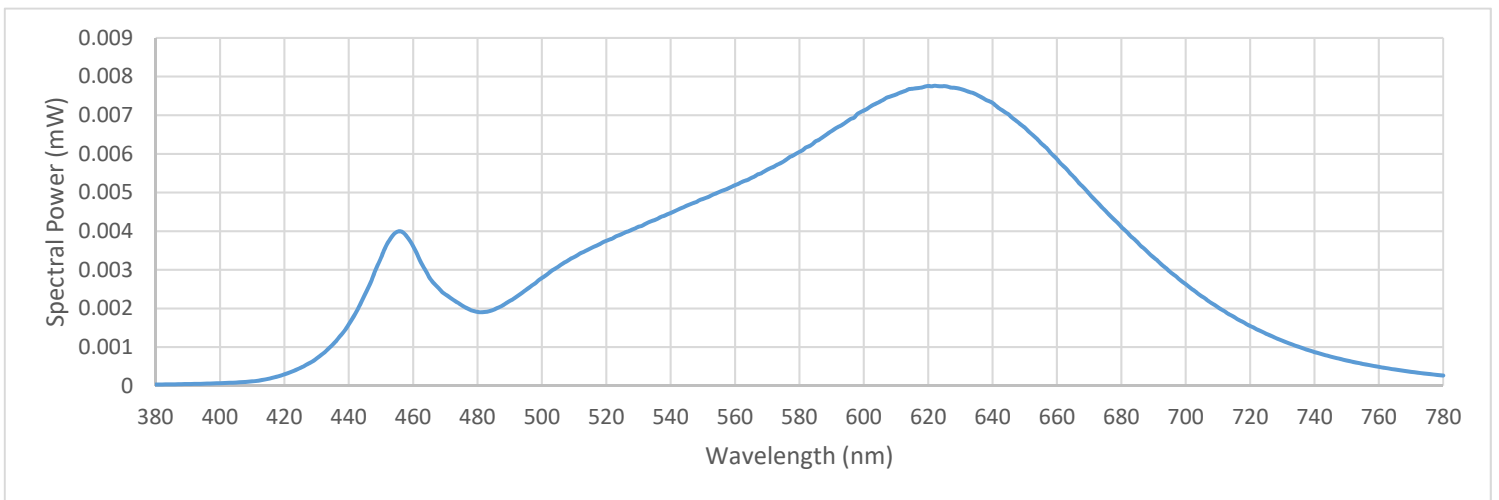
Test Report Number: LLIA000802-002B

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.
36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.
One LTF DA12W350C1834D010-0014 dimming LED driver.

Summary Spectral Power Distribution (wavelength - nm, spectral power - mW)

380	0.000034	480	0.001912	580	0.006052	680	0.004109
385	0.000037	485	0.001966	585	0.006323	685	0.003716
390	0.000046	490	0.002193	590	0.006592	690	0.003322
395	0.000054	495	0.002479	595	0.006852	695	0.002957
400	0.000067	500	0.002788	600	0.007121	700	0.002629
405	0.000084	505	0.003076	605	0.007352	705	0.002314
410	0.000114	510	0.003330	610	0.007535	710	0.002031
415	0.000180	515	0.003549	615	0.007683	715	0.001782
420	0.000297	520	0.003751	620	0.007758	720	0.001549
425	0.000464	525	0.003932	625	0.007752	725	0.001346
430	0.000706	530	0.004115	630	0.007682	730	0.001168
435	0.001066	535	0.004287	635	0.007535	735	0.001011
440	0.001587	540	0.004472	640	0.007319	740	0.000872
445	0.002359	545	0.004660	645	0.007021	745	0.000757
450	0.003309	550	0.004834	650	0.006681	750	0.000654
455	0.003983	555	0.005010	655	0.006280	755	0.000566
460	0.003611	560	0.005192	660	0.005866	760	0.000490
465	0.002808	565	0.005376	665	0.005423	765	0.000421
470	0.002366	570	0.005589	670	0.004969	770	0.000360
475	0.002088	575	0.005800	675	0.004535	775	0.000310
						780	0.000266





Test Report Number: LLIA000802-002B

Catalog Number: 3-532 Alcor

Wall mounted, brushed steel housing with white enamel steel LED plate,
formed steel enclosure with translucent white plastic inserts.
36 white LEDs, One Harvard Engineering LER7-284x17-930-36S-I LED board.
One LTF DA12W350C1834D010-0014 dimming LED driver.

Test Equipment Configuration: LightLab International Allentown 2m Integrating Sphere
Measurements acquired using a Labsphere CDS 2600 spectroradiometer
Testing was performed using 4 π geometry

Test Temperature: 25.0 °C

Test Procedure: Tested in accordance with the applicable sections of:
LM-79-08, LM-78-07, LM-58-13, ANSI_ANSLG C78.377-2015, ANSI C82-77-10:2014

Significance: The laboratory has not participated in the selection of samples to be tested.
All testing is performed on the understanding that the significance of the report
is limited to the extent that the test sample is representative of production units.

Notes: The measurements and other derived quantities contained in this report
are based on the absolute data as measured.

Prorating the performance of the sample for the use of other component
combinations (such as lamp / LED / Ballast / driver), or for use in different
environmental conditions than that tested, may produce erroneous results.

This report is free of erasures and corrections

This report may contain data that are not covered by the NVLAP accreditation.
Quantities marked with * are not covered.