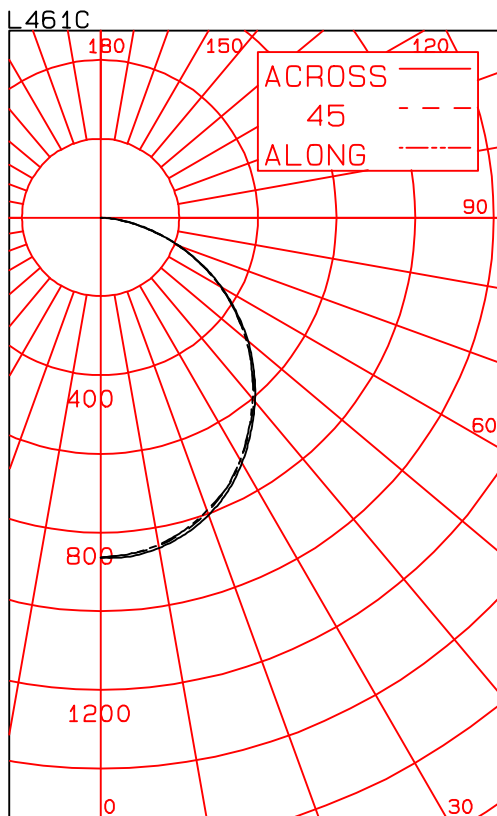


TEST REPORT NO. L461C
 ACCREDITED BY NVLAP (LAB CODE 500084-0) TO ISO/IES 17025:2005 FOR IES LM-79-08

MAXILITE LED LINEAR PENDANT LUMINAIRE CAT. NO. MXL2243 29W
 WITH WHITE INTERIOR AND TRANSLUCENT LENS WITH LINEAR OPTICS
 TWO UNIVERSAL EVERLINE LED BOARDS (40 LEDS EACH). LUMEN OUTPUT = 2336 LMS.
 UNIVERSAL 120V LED DRIVER MODEL D520C30UNVTW-C



CANDLEPOWER SUMMARY

OUTPUT LUMENS

ANGLE	ALONG	22.5	45	67.5	ACROSS	
0	864	864	864	864	864	
5	857	861	857	861	864	83
15	822	827	825	827	832	233
25	758	757	758	762	767	349
35	657	658	660	663	666	413
45	544	543	545	549	551	421
55	419	418	419	422	424	375
65	283	282	283	285	287	280
75	142	142	143	144	145	152
85	23	23	24	24	25	32
90	0	0	0	0	0	0
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	0

ZONE	LUMENS	% LAMP	%LUMINAIRE
0-30	664	28.45	28.45
0-40	1077	46.12	46.12
0-60	1872	80.16	80.16
0-90	2336	100.00	100.00
40-90	1258	53.88	53.88
60-90	463	19.84	19.84
90-180	0	.00	.00
0-180	2336	100.00	100.00

** EFFICACY = 80.9 LMS/WATT **

LUMINANCE SUMMARY-CD. / SQ. M.

S/MH = 1.2
 SC = 1.2

ANGLE	ALONG	45	ACROSS
45	13670	13762	13903
55	12982	13044	13181
65	11889	11942	12112
75	9719	9837	9987
85	4620	4846	5067

DATE: MAR 28, 2017
 PREPARED FOR: MAXILITE
 PORT MOODY, B.C.

TESTED ACCORDING TO IES LM-79-2008 SEC. 10. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE

LUMENTRA, INC.
 160 FROBISHER DRIVE, UNIT 5
 WATERLOO, ONTARIO

TEST REPORT NO. L461C
 COMPUTED BY LSC PROGRAM **TEST-LITE**

MAXILITE LED LINEAR PENDANT LUMINAIRE CAT. NO. MXL2243 29W
 WITH WHITE INTERIOR AND TRANSLUCENT LENS WITH LINEAR OPTICS
 TWO UNIVERSAL EVERLINE LED BOARDS (40 LEDS EACH). LUMEN OUTPUT = 2336 LMS.
 UNIVERSAL 120V LED DRIVER MODEL D520C30UNVTW-C

CANDLEPOWER DATA

ANGLE	PLANE						OUTPUT LUMENS
	ALONG	22.5	45	67.5	ACROSS	AVERAGE	
0	864	864	864	864	864	864	
5	857	861	857	861	864	860	83
10	844	846	847	849	853	848	
15	822	827	825	827	832	826	233
20	792	796	795	799	804	797	
25	758	757	758	762	767	760	349
30	711	714	710	714	720	714	
35	657	658	660	663	666	661	413
40	601	602	606	608	611	606	
45	544	543	545	549	551	546	421
50	484	481	483	486	490	484	
55	419	418	419	422	424	420	375
60	352	351	353	355	356	353	
65	283	282	283	285	287	284	280
70	212	212	213	215	215	213	
75	142	142	143	144	145	143	152
80	76	77	78	79	80	78	
85	23	23	24	24	25	24	32
90	0	0	0	0	0	0	
95	0	0	0	0	0	0	0
100	0	0	0	0	0	0	
105	0	0	0	0	0	0	0
110	0	0	0	0	0	0	
115	0	0	0	0	0	0	0
120	0	0	0	0	0	0	
125	0	0	0	0	0	0	0
130	0	0	0	0	0	0	
135	0	0	0	0	0	0	0
140	0	0	0	0	0	0	
145	0	0	0	0	0	0	0
150	0	0	0	0	0	0	
155	0	0	0	0	0	0	0
160	0	0	0	0	0	0	
165	0	0	0	0	0	0	0
170	0	0	0	0	0	0	
175	0	0	0	0	0	0	0
180	0	0	0	0	0	0	

LUMENTRA, INC.
 160 FROBISHER DRIVE, UNIT 5
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MAXILITE LED LINEAR PENDANT LUMINAIRE CAT. NO. MXL2243 29W
 WITH WHITE INTERIOR AND TRANSLUCENT LENS WITH LINEAR OPTICS
 TWO UNIVERSAL EVERLINE LED BOARDS (40 LEDS EACH). LUMEN OUTPUT = 2336 LMS.
 UNIVERSAL 120V LED DRIVER MODEL D520C30UNVTW-C

AVERAGE LUMINANCE DATA

ANGLE	ALONG	CD. / SQ. M. (FOOTLAMBERTS)				ACROSS
		22.5	45	67.5		
0	15359(4483)	15359(4483)	15359(4483)	15359(4483)	15359(4483)	
30	14603(4262)	14704(4291)	14621(4267)	14701(4290)	14772(4311)	
40	13957(4073)	14011(4089)	14084(4110)	14137(4126)	14171(4136)	
45	13670(3989)	13678(3992)	13762(4016)	13846(4041)	13903(4057)	
50	13375(3903)	13360(3899)	13359(3899)	13478(3933)	13547(3954)	
55	12982(3789)	12977(3787)	13044(3807)	13118(3828)	13181(3847)	
60	12520(3654)	12533(3658)	12553(3663)	12651(3692)	12654(3693)	
65	11889(3470)	11873(3465)	11942(3485)	12043(3515)	12112(3535)	
70	11009(3213)	11045(3223)	11095(3238)	11173(3261)	11198(3268)	
75	9719(2836)	9794(2858)	9837(2871)	9945(2902)	9987(2915)	
80	7801(2276)	7872(2297)	8011(2338)	8140(2375)	8175(2385)	
85	4620(1348)	4677(1365)	4846(1414)	4984(1454)	5067(1479)	

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES

LUMENTRA, INC.
 160 FROBISHER DRIVE, UNIT 5
 WATERLOO, ONTARIO

TEST REPORT NO. L461C
 COMPUTED BY LSC PROGRAM **TEST-LITE**

MAXILITE LED LINEAR PENDANT LUMINAIRE CAT. NO. MXL2243 29W
 WITH WHITE INTERIOR AND TRANSLUCENT LENS WITH LINEAR OPTICS
 TWO UNIVERSAL EVERLINE LED BOARDS (40 LEDS EACH). LUMEN OUTPUT = 2336 LMS.
 UNIVERSAL 120V LED DRIVER MODEL D520C30UNVTW-C

COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	80				70				50				30				10				0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.11	1.06	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.00
1	1.10	1.06	1.02	.98	1.07	1.03	1.00	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.88	.88	.88	.86
2	1.01	.94	.87	.82	.99	.92	.86	.81	.88	.83	.79	.85	.81	.77	.82	.79	.76	.76	.76	.76	.74
3	.92	.83	.75	.69	.90	.81	.74	.69	.78	.72	.68	.76	.71	.66	.73	.69	.65	.65	.65	.65	.63
4	.85	.74	.66	.60	.83	.73	.66	.59	.71	.64	.59	.68	.63	.58	.66	.61	.57	.57	.57	.57	.55
5	.79	.67	.58	.52	.76	.65	.57	.51	.63	.56	.51	.61	.55	.50	.60	.54	.50	.50	.50	.50	.48
6	.73	.60	.51	.45	.71	.59	.51	.45	.57	.50	.44	.55	.49	.44	.54	.48	.44	.44	.44	.44	.42
7	.67	.54	.45	.39	.65	.53	.45	.39	.51	.44	.39	.50	.43	.38	.48	.43	.38	.38	.38	.38	.36
8	.62	.49	.40	.35	.60	.48	.40	.34	.47	.39	.34	.45	.39	.34	.44	.38	.34	.34	.34	.34	.32
9	.57	.44	.36	.30	.56	.44	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.30	.30	.30	.28
10	.53	.40	.32	.27	.52	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.27	.27	.27	.27	.25

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
 LUMINAIRE INPUT WATTS = 28.9
 LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
 ABSOLUTE PHOTOMETRY TAKEN.

LUMENTRA, INC.
160 FROBISHER DRIVE, UNIT 5
WATERLOO, ONTARIO

TEST REPORT NO. L461C

MAXILITE LED LINEAR PENDANT LUMINAIRE CAT. NO. MXL2243 29W
WITH WHITE INTERIOR AND TRANSLUCENT LENS WITH LINEAR OPTICS
TWO UNIVERSAL EVERLINE LED BOARDS (40 LEDS EACH). LUMEN OUTPUT = 2336 LMS.
UNIVERSAL 120V LED DRIVER MODEL D520C30UNVTW-C

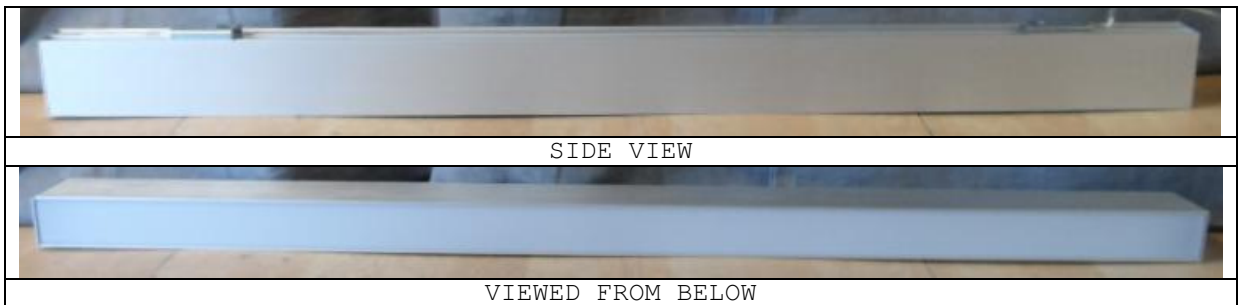
AMBIENT TEMPERATURE: 25.1 °C

STABILIZATION TIME: 1 HOUR

THE LUMINAIRE WAS OPERATED IN THE ORIENTATION INDICATED BY THE PICTURES BELOW
LSI MOVING MIRROR GONIOPHOTOMETER 6240T WAS USED

ELECTRICAL CONSUMPTION

INPUT VOLTAGE: 120.0 VRMS
INPUT CURRENT: 0.242 ARMS
INPUT WATTAGE: 28.89
POWER FACTOR: 0.995



Prepared By:

Stephen Pedersen
Stephen Pedersen
Technologist

Approved By:

Charles Sisson
Charles Sisson
Senior Technologist

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END OF REPORT