

TEST REPORT

1. Applicant

Client Name : FEELUX Co. Ltd.
Address : 235-48 Gwangjeok-ro Gwangjeok-myeon Yangju-si Gyeonggi-do 482-844 Korea
Date of Receipt : 20140313

2. Purpose of Report : Sample test

3. Test Standard / Item : LED / LSL2 20W 5.7K

4. Test Period : 20140312 ~ 2014-03-17 오후 12:42:03

5. Test Environment

Ambient Temp. : (23.4 +- 3) °C
Relative Humidity : (32.38 +- 10) % RH

6. Test Result : Refer to the attachment

Test Item

Name of Product :

LSL

Model / Rating :

Model :

Rating : 20W

Confirmation	Test by Youngjun, Lee	Technical manager Soobeom, Park
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The result shown in this test report refer only to the sample(s) tested unless otherwise stated.
This report cannot be reporduced, except in full.
This report is for reference only. It cannot replace the report by standard organization(s).

TEST RESULT

Report Number	Sample Name	Sample Number	Test Standard
20140317-0001	LSL	20W	LED

Test Item	Unit	Result	Memo
Beam Distribution Test	-	See attachment	
ATHD	%	0.0	
CIE 1931 Cxy		0.4658, 0.4166	
Correlated Color Temperature	K	2681	
Ra	-	82.22	
Power Factor	%	1.000	
Input Voltage	V	23.960	
Input Current	A	0.459	
Input Watt	W	10.99	
Lamp Flux	lm	752.8	
Efficient	lm/W	68.45	
Illuminance	lx	315	1 m
		79	2 m
		35	3 m

* This test result is for the sample provided by the client.

Sample photo

Click to load image

Luminaire

Lamp

No. of lamps 1

Lamp flux (lm) 753

Total flux (lm) 753

Report

Filename C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140317\diva2 11w 2.7k.jdt

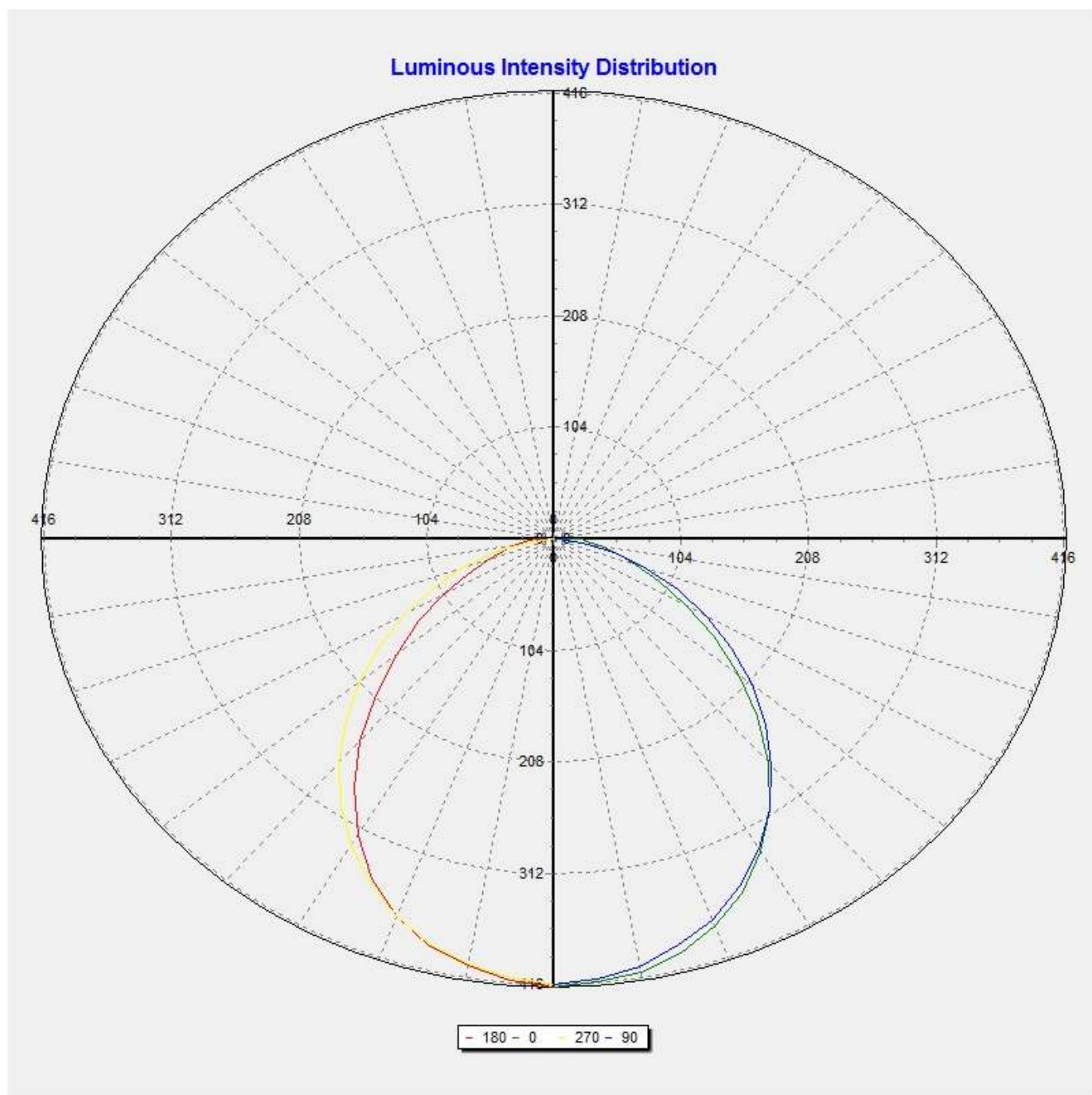
Operator Current (A) 0.459

Date Power Factor 1

20140317-0001

KIMth

2014-03-17 오후 2:35:56



All luminous intensity values are in Cd/KLm unit.

Luminaire

Lamp

Report

20140317-0001

No. of lamps

1

FilenameC:\WProgram Files\WJNCTECH\GoniLED\WStartUp\WData\W140317\Wdiva2 11w 2.7k.jdt

Lamp flux (lm)

753

OperatorCurrent (A)

0.459

KIMth

Total flux (lm)

753

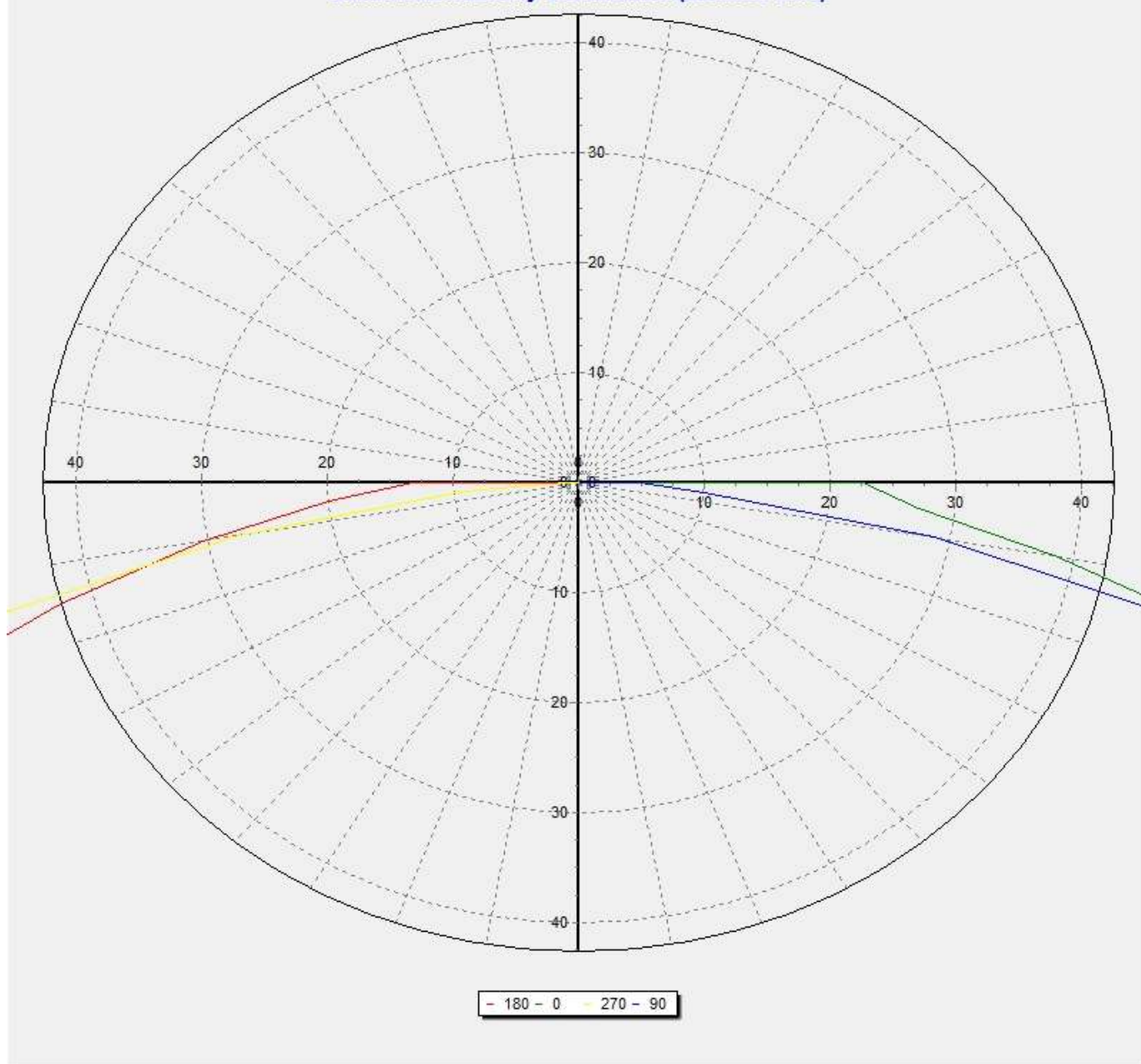
Date

Power Factor

1

2014-03-17 오후 2:35:56

Luminous Intensity Distribution (Lowest 10%)



All luminous intensity values are in Cd/Klm unit.

Luminaire

Lamp		Report	20140317-0001
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140317\diva2 11w 2.7k.jdt
Lamp flux (lm)	753	Operator	Current (A) 0.459 KIMth
Total flux (lm)	753	Date	Power Factor 1 2014-03-17 오후 2:35:56

Luminous Intensity Data

GWC	0	5	10	15	20	25	30	35	40	45	50	55	60
0	314.96	313.51	313.40	312.04	313.50	312.87	311.83	311.25	311.88	312.30	313.17	312.50	312.23
5	312.78	312.26	312.33	312.76	311.55	312.50	313.14	311.37	311.51	311.13	312.20	312.07	311.20
10	308.72	309.23	308.61	308.48	308.25	307.79	309.59	307.66	309.44	307.20	307.43	305.94	308.53
15	300.97	300.58	301.38	298.64	300.56	299.79	300.25	300.40	300.88	301.05	299.41	299.03	300.41
20	288.69	288.35	289.55	288.69	289.21	288.54	289.33	288.48	288.78	287.79	288.93	288.27	288.30
25	274.19	273.38	274.59	275.03	274.28	272.66	273.82	272.13	273.17	273.26	273.34	272.54	273.10
30	253.63	254.36	254.93	254.08	255.13	254.14	254.56	253.38	256.63	256.44	254.74	255.11	254.86
35	231.98	230.74	232.11	232.02	232.80	230.90	233.84	233.10	234.95	233.32	234.22	233.29	234.06
40	205.25	203.73	205.70	204.77	206.56	207.46	208.22	208.04	209.69	209.88	210.09	210.37	211.36
45	176.99	176.04	176.75	176.39	178.42	177.56	180.84	179.77	183.78	181.98	184.26	185.27	186.55
50	147.51	146.02	148.87	147.75	149.29	150.13	152.57	152.72	154.75	154.85	158.14	158.23	159.45
55	119.68	118.95	120.76	120.75	122.28	122.03	124.23	125.44	127.39	127.82	130.16	130.65	132.37
60	93.82	92.71	94.57	94.21	95.85	96.67	99.27	100.57	102.15	102.10	104.13	105.93	107.14
65	71.33	70.26	72.55	71.39	73.36	73.54	75.81	75.88	79.31	79.31	81.04	81.94	83.36
70	53.59	53.05	54.30	53.97	54.86	55.42	56.40	57.98	59.07	59.80	60.74	60.78	62.12
75	40.83	39.88	40.24	40.39	40.54	40.38	41.69	42.24	42.80	42.82	43.17	43.27	43.50
80	28.98	28.14	29.19	28.99	30.22	29.10	29.67	29.13	29.74	29.13	29.35	27.66	28.37
85	20.42	20.31	20.04	20.53	20.75	20.07	20.40	19.00	18.97	18.88	18.26	16.82	15.35
90	17.04	14.64	18.40	13.16	16.90	12.98	17.04	12.10	16.29	10.70	14.39	9.01	12.71

Luminaire

Lamp		Report	20140317-0001										
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140317\diva2 11w 2.7k.jdt										
Lamp flux (lm)	753	Operator	Current (A)	0.459	KIMth								
Total flux (lm)	753	Date	Power Factor	1	2014-03-17 오후 2:35:56								

Luminous Intensity Data (Continued)

GWC	65	70	75	80	85	90	95	100	105	110	115	120	125
0	312.30	311.14	311.37	312.34	311.86	313.00	311.92	313.08	311.41	312.23	310.60	311.76	309.70
5	309.97	310.51	310.69	310.07	308.02	310.11	310.45	311.38	309.28	311.06	308.91	310.80	308.57
10	305.66	305.62	304.92	306.52	306.64	304.88	303.56	304.82	304.21	304.57	304.11	304.42	302.98
15	298.52	297.99	296.75	298.16	297.61	295.36	296.50	296.36	295.33	296.52	294.58	294.00	294.05
20	286.51	286.94	286.52	285.66	284.63	284.99	283.44	283.83	282.54	283.66	282.48	282.65	282.33
25	271.25	271.83	271.06	271.13	269.71	269.57	269.20	270.80	267.38	268.68	265.77	268.87	267.36
30	254.53	254.18	251.60	252.32	251.23	251.49	249.82	250.53	249.28	249.41	247.71	249.39	248.19
35	233.32	233.89	232.93	232.45	230.22	231.74	229.10	230.64	229.00	228.35	226.70	227.83	226.74
40	210.31	211.19	210.44	210.21	206.44	208.14	206.41	206.81	205.84	205.74	203.47	201.86	199.42
45	186.19	186.35	184.42	185.79	183.75	184.37	181.39	182.84	180.36	179.38	177.90	175.69	172.73
50	158.83	160.07	159.33	161.34	157.24	158.73	157.89	157.34	154.81	153.87	150.52	149.49	145.70
55	132.63	134.52	133.22	135.29	133.64	133.68	132.15	131.70	129.40	128.17	123.31	122.00	119.01
60	107.29	108.77	107.84	109.29	108.14	108.73	106.39	106.21	102.68	102.24	98.81	97.22	94.04
65	83.29	84.66	84.62	84.65	84.66	84.13	81.83	81.38	79.04	78.46	76.13	74.83	72.55
70	61.11	62.92	61.60	63.05	60.92	60.79	60.00	59.23	57.29	57.34	55.47	55.14	53.25
75	43.22	43.47	41.22	42.03	40.54	41.11	38.56	39.62	38.05	38.47	37.47	37.77	36.89
80	26.33	26.21	23.99	23.53	22.36	21.63	21.06	22.01	20.49	21.91	21.68	23.26	22.57
85	13.73	12.89	10.71	10.35	7.89	7.59	7.39	7.87	9.18	9.60	10.92	11.71	12.87
90	5.26	9.28	2.53	5.45	0.91	3.70	0.83	4.68	2.28	6.82	4.16	9.62	6.40

Luminaire

Lamp		Report	20140317-0001										
No. of lamps	1	Filename	C:\Program Files\WJNCTECH\GoniLED\StartUp\Data\140317\diva2 11w 2.7k.jdt										
Lamp flux (lm)	753	Operator	Current (A)	0.459	KIMth								
Total flux (lm)	753	Date	Power Factor	1	2014-03-17 오후 2:35:56								

Luminous Intensity Data (Continued)

GWC	130	135	140	145	150	155	160	165	170	175	180	185	190
0	310.42	311.14	311.11	312.13	310.53	311.50	311.65	311.63	311.60	311.54	314.96	313.51	313.40
5	310.09	309.17	309.02	309.66	309.44	308.75	308.83	309.75	309.10	309.22	311.54	310.88	310.87
10	303.79	303.76	303.69	303.14	303.17	301.71	303.77	302.38	302.40	302.54	303.81	304.99	306.00
15	295.50	294.46	294.09	293.02	294.29	294.92	295.24	293.89	294.90	293.81	296.45	294.83	294.97
20	281.93	281.44	281.19	280.02	280.38	281.57	281.65	281.21	280.51	280.08	281.83	281.75	281.00
25	267.76	265.01	264.62	263.83	264.27	263.07	263.50	261.53	263.05	260.67	264.25	263.33	262.63
30	247.34	244.50	244.76	243.16	243.20	240.64	241.41	239.87	240.82	240.31	240.83	242.41	240.15
35	225.58	221.46	222.12	219.47	218.99	216.62	216.66	214.64	214.92	213.05	213.82	216.14	214.88
40	199.37	196.33	195.29	191.86	190.79	187.75	188.37	185.19	185.42	183.57	185.15	185.69	185.01
45	171.88	167.88	166.27	163.25	161.38	159.24	158.67	155.79	155.82	154.27	154.76	157.34	155.36
50	143.30	139.79	137.83	135.01	134.56	130.87	131.06	127.62	128.17	126.89	126.56	128.71	128.34
55	116.94	114.09	112.00	108.41	108.69	105.27	104.48	102.68	101.49	100.92	101.28	102.36	102.21
60	92.99	90.35	89.36	86.25	85.41	82.16	81.25	79.48	79.32	77.13	78.36	78.69	78.17
65	71.55	69.56	67.84	64.78	64.40	62.57	61.79	59.30	59.77	58.40	58.84	60.02	60.08
70	52.44	51.00	50.63	48.62	47.94	46.50	45.80	44.40	44.77	43.91	43.85	44.95	44.69
75	36.77	35.86	35.37	33.86	33.95	32.92	32.29	32.09	32.31	31.68	32.15	31.94	32.18
80	22.95	23.05	22.80	23.71	23.63	22.84	23.39	22.55	22.92	22.86	22.91	23.32	22.36
85	14.10	14.42	14.02	14.45	15.17	15.62	15.28	15.53	15.93	15.57	15.01	15.46	15.28
90	11.37	7.78	12.90	9.17	12.90	9.41	13.22	9.27	13.54	10.41	9.91	13.59	9.80

Luminaire

Lamp		Report	20140317-0001										
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140317\diva2 11w 2.7k.jdt										
Lamp flux (lm)	753	Operator	Current (A)	0.459	KIMth								
Total flux (lm)	753	Date	Power Factor	1	2014-03-17 오후 2:35:56								

Luminous Intensity Data (Continued)

GWC	195	200	205	210	215	220	225	230	235	240	245	250	255
0	312.04	313.50	312.87	311.83	311.25	311.88	312.30	313.17	312.50	312.23	312.30	311.14	311.37
5	310.08	310.34	310.63	309.74	308.63	310.90	308.16	308.58	309.55	308.97	309.48	308.25	310.67
10	304.24	304.38	304.44	302.30	303.87	304.68	305.21	302.98	304.24	304.01	303.51	304.06	303.16
15	295.83	293.75	295.39	294.73	295.48	295.28	294.34	294.24	295.07	294.92	294.24	293.20	294.58
20	281.42	281.34	282.85	281.85	282.54	281.46	282.23	281.13	282.48	282.13	283.01	283.07	282.35
25	263.53	262.70	263.92	264.04	265.95	264.38	265.99	265.34	266.91	267.22	268.08	266.34	267.13
30	242.51	240.81	243.27	242.12	244.42	244.43	246.23	245.71	246.64	247.99	248.40	246.64	248.77
35	215.70	216.71	218.12	217.84	221.44	220.13	221.56	221.63	225.67	225.37	227.23	226.37	226.63
40	186.97	187.37	190.27	190.12	192.91	193.39	196.78	198.00	199.95	200.41	203.04	202.52	204.88
45	157.81	157.78	160.35	161.06	164.23	164.57	168.44	169.03	173.10	174.35	177.38	177.43	180.24
50	129.38	130.02	131.81	132.57	135.28	137.41	139.87	142.10	146.37	147.20	149.64	151.26	154.26
55	105.23	104.23	106.06	107.55	110.33	111.57	114.33	115.68	119.54	120.18	124.43	124.93	128.07
60	81.11	81.13	82.96	84.26	86.99	88.24	91.03	91.51	94.48	95.12	98.51	99.73	102.73
65	60.76	60.48	63.11	63.75	65.95	66.55	69.58	70.43	72.81	72.89	76.29	75.91	78.82
70	45.27	44.83	46.48	46.51	48.21	49.21	50.86	50.95	53.71	53.87	54.89	56.24	58.00
75	32.64	32.77	33.94	33.31	34.04	34.64	34.98	35.79	36.36	36.40	36.90	37.14	37.14
80	22.70	22.54	23.90	23.05	24.02	23.28	23.33	22.07	22.89	22.16	21.22	20.29	20.57
85	15.66	15.03	15.14	15.40	15.06	14.73	13.24	13.14	12.86	10.66	11.20	8.72	8.49
90	12.99	9.11	12.73	8.22	12.52	7.82	11.09	6.54	10.02	5.01	7.48	2.65	5.22

Luminaire

Lamp		Report	20140317-0001										
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140317\diva2 11w 2.7k.jdt										
Lamp flux (lm)	753	Operator	Current (A)	0.459	KIMth								
Total flux (lm)	753	Date	Power Factor	1	2014-03-17 오후 2:35:56								

Luminous Intensity Data (Continued)

GWC	260	265	270	275	280	285	290	295	300	305	310	315	320
0	312.34	311.86	313.00	311.92	313.08	311.41	312.23	310.60	311.76	309.70	310.42	311.14	311.11
5	309.66	310.79	309.01	309.44	309.95	310.25	309.58	308.84	308.44	309.86	309.36	311.21	310.73
10	304.59	303.21	302.98	304.49	303.66	303.45	305.15	305.55	303.26	305.27	305.59	305.53	305.57
15	294.08	294.95	295.39	295.80	295.50	296.80	295.41	296.47	295.59	297.74	296.63	298.16	298.39
20	282.33	281.18	282.19	283.74	282.37	284.93	284.79	285.22	284.10	285.98	285.51	284.89	285.86
25	265.90	266.85	266.55	267.86	269.74	269.24	268.98	269.37	270.05	271.01	270.21	270.89	271.44
30	247.94	249.51	248.89	249.12	250.30	251.36	252.50	252.22	251.67	252.67	251.88	253.35	253.26
35	226.61	228.39	228.15	229.11	228.97	231.19	230.42	232.91	229.47	231.28	231.19	230.63	230.46
40	204.19	206.20	205.08	207.48	206.46	208.25	206.88	208.86	207.80	207.90	206.66	207.85	206.12
45	179.23	180.69	180.78	182.32	181.76	182.84	182.84	183.90	183.06	183.74	180.46	181.91	178.71
50	154.62	156.62	155.23	157.36	157.51	158.91	156.66	157.46	156.87	155.44	154.04	154.24	150.95
55	129.38	130.88	129.83	133.06	131.32	132.74	131.37	131.26	128.71	129.01	126.46	126.53	124.18
60	103.98	105.39	106.02	106.99	106.24	107.42	105.78	105.42	103.56	104.17	101.75	101.94	99.47
65	79.63	82.32	81.87	82.86	83.24	83.44	81.25	82.47	80.03	81.45	79.08	79.18	76.57
70	57.53	58.95	60.13	60.74	60.03	60.66	60.47	60.05	60.48	60.70	58.92	58.67	56.78
75	37.96	38.78	38.28	39.46	39.64	41.52	41.32	42.80	41.60	42.91	42.35	42.19	41.33
80	20.79	20.55	20.66	22.12	22.50	23.53	24.53	26.71	27.08	28.43	28.04	28.16	28.81
85	6.40	6.99	6.88	8.02	8.86	10.32	12.46	13.70	15.67	17.06	17.72	18.04	18.43
90	0.95	4.35	0.68	3.64	1.89	7.15	4.08	10.52	7.09	14.01	9.08	15.80	11.25

Luminaire

Lamp		Report	20140317-0001
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140317\diva2 11w 2.7k.jdt
Lamp flux (lm)	753	Operator	Current (A) 0.459 KIMth
Total flux (lm)	753	Date	Power Factor 1 2014-03-17 오후 2:35:56

Luminous Intensity Data (Continued)

GWC	325	330	335	340	345	350	355	360
0	312.13	310.53	311.50	311.65	311.63	311.60	311.54	314.96
5	310.28	310.07	311.21	311.28	311.86	311.74	310.54	312.78
10	307.04	305.88	305.85	305.79	307.28	306.13	307.41	308.72
15	297.94	297.89	298.47	298.39	299.58	298.88	298.16	300.97
20	286.71	286.17	288.37	286.22	287.61	286.25	287.71	288.69
25	271.01	270.35	272.66	271.89	271.30	271.16	272.23	274.19
30	253.05	251.95	253.18	252.24	253.94	252.88	253.72	253.63
35	231.44	230.76	230.72	229.42	231.66	231.67	229.71	231.98
40	207.28	203.91	204.28	203.03	204.94	203.62	204.45	205.25
45	177.84	176.27	177.15	174.89	176.55	174.70	174.88	176.99
50	151.23	148.22	148.93	147.01	147.91	145.26	146.70	147.51
55	124.74	122.45	122.10	120.64	119.68	118.11	119.37	119.68
60	99.30	96.80	96.90	94.13	94.18	92.49	93.09	93.82
65	75.77	74.40	73.60	72.80	71.55	70.55	71.54	71.33
70	56.56	55.34	55.33	53.94	54.12	52.90	53.51	53.59
75	41.21	41.07	41.22	40.22	40.17	39.39	39.72	40.83
80	29.42	28.86	29.04	28.99	29.61	28.48	29.80	28.98
85	19.31	19.59	19.98	20.44	20.62	20.41	20.81	20.42
90	16.47	13.12	16.78	13.67	17.51	14.45	17.96	17.04

Luminaire

Lamp		Report	20140317-0001
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140317\diva2 11w 2.7k.jdt
Lamp flux (lm)	753	Operator	Current (A) 0.459 KIMth
Total flux (lm)	753	Date	Power Factor 1 2014-03-17 오후 2:35:56

Luminous Flux Table

Total Lamp Lumens: 753
 Luminaire Efficiency (lm/W): 752.82
 CIE Classification: Direct

Elevation	Lumens	Cumulative	Lamp %	Luminaire %
0	1.87	1.87	0.25	0.25
5	14.82	16.69	2.22	2.22
10	29.04	45.73	6.08	6.07
15	42.08	87.81	11.67	11.66
20	53.31	141.12	18.75	18.75
25	62.21	203.33	27.01	27.01
30	68.31	271.64	36.08	36.08
35	71.34	342.98	45.56	45.56
40	71.03	414.01	55.00	54.99
45	67.66	481.67	63.98	63.98
50	61.89	543.56	72.20	72.20
55	54.35	597.91	79.43	79.42
60	45.68	643.59	85.49	85.49
65	36.70	680.29	90.37	90.37
70	28.15	708.44	94.11	94.10
75	20.32	728.76	96.81	96.80
80	13.44	742.19	98.59	98.59
85	7.96	750.15	99.65	99.64
90	2.67	752.82	100.00	100.00

Luminaire

Lamp

Report

20140317-0001

No. of lamps

1

FilenameC:\Program Files\JNCTECH\GoniLED\StartUp\Data\140317\diva2 11w 2.7k.jdt

Lamp flux (lm)

753

Operator

Current (A)

0.459

KIMth

Total flux (lm)

753

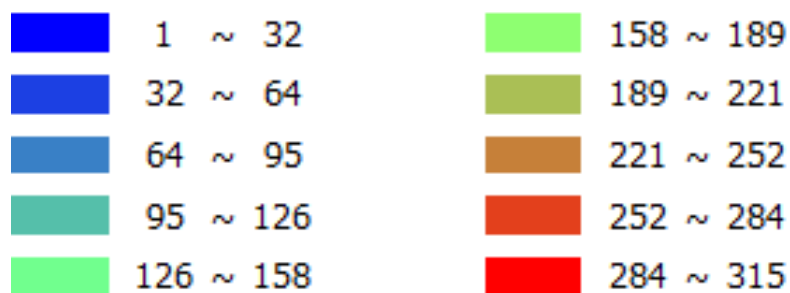
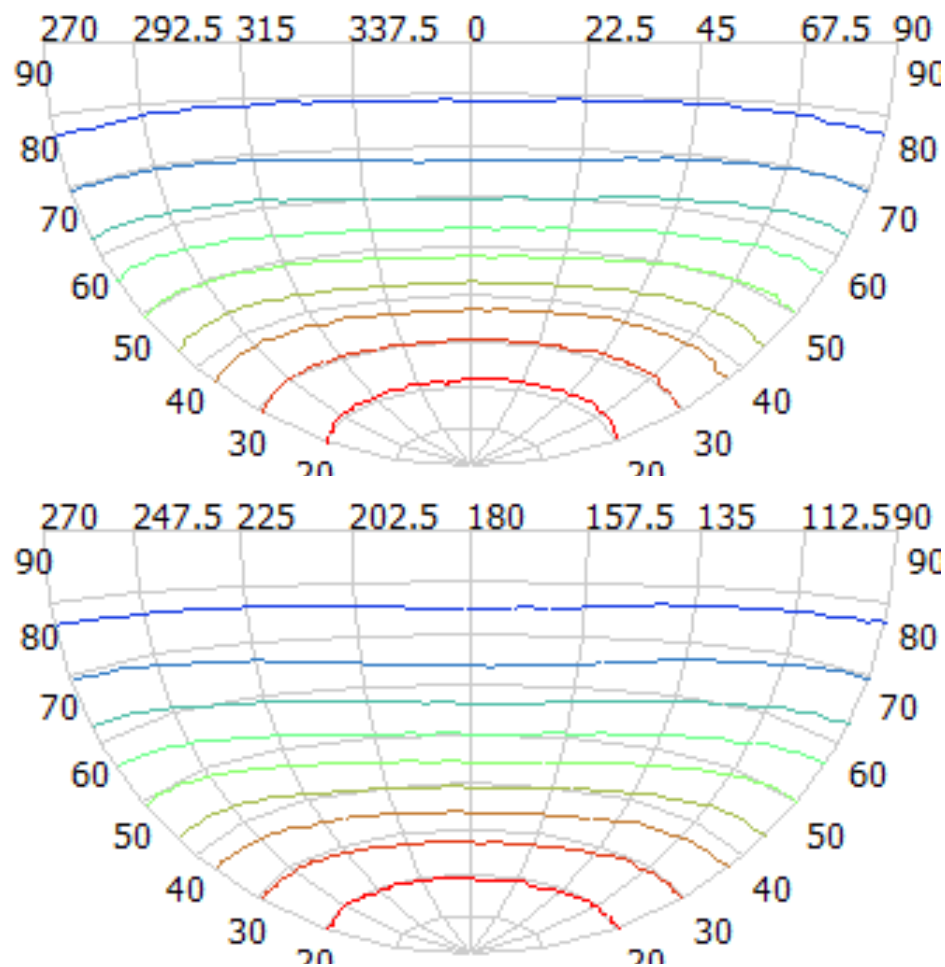
Date

Power Factor

1

2014-03-17 오후 2:35:56

IsoCandela (Type C)



Luminaire

Lamp

Report

20140317-0001

No. of lamps

1

FilenameC:\Program Files\JNC\TECH\GoniLED\StartUp\Data\140317\diva2 11w 2.7k.jdt

Lamp flux (lm)

753

Operator

Current (A)

0.459

KIMth

Total flux (lm)

753

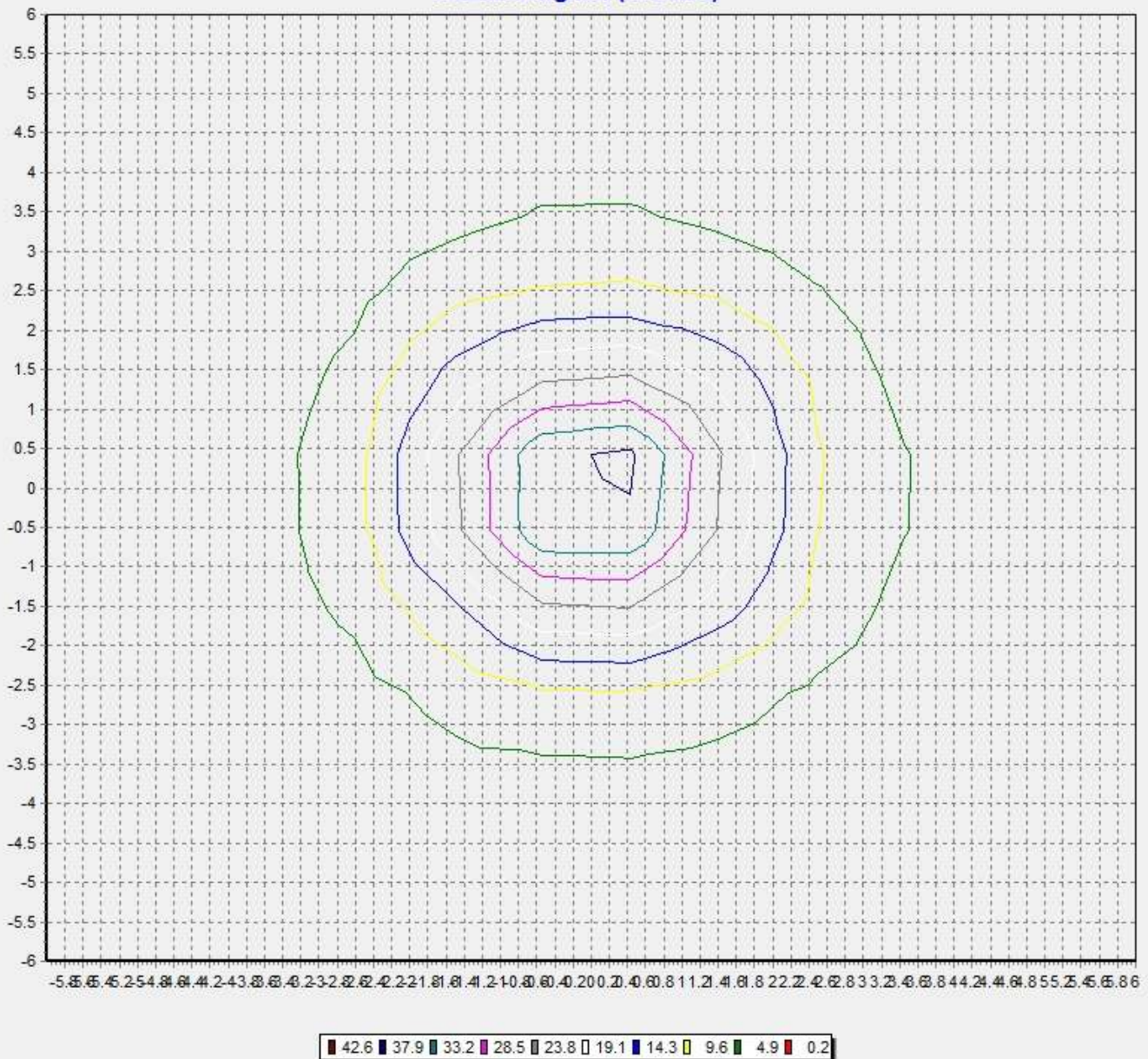
Date

Power Factor

1

2014-03-17 오후 2:35:56

IsoLux Diagram (Ground)



Pole Height (m): 2.7

Area Width (m): 12

Luminaire

Lamp

Report

20140317-0001

No. of lamps

1

FilenameC:\Program Files\JNCTECH\GoniLED\Startup\Data\140317\diva2 11w 2.7k.jdt

Lamp flux (lm)

753

Operator

Current (A)

0.459

KIMth

Total flux (lm)

753

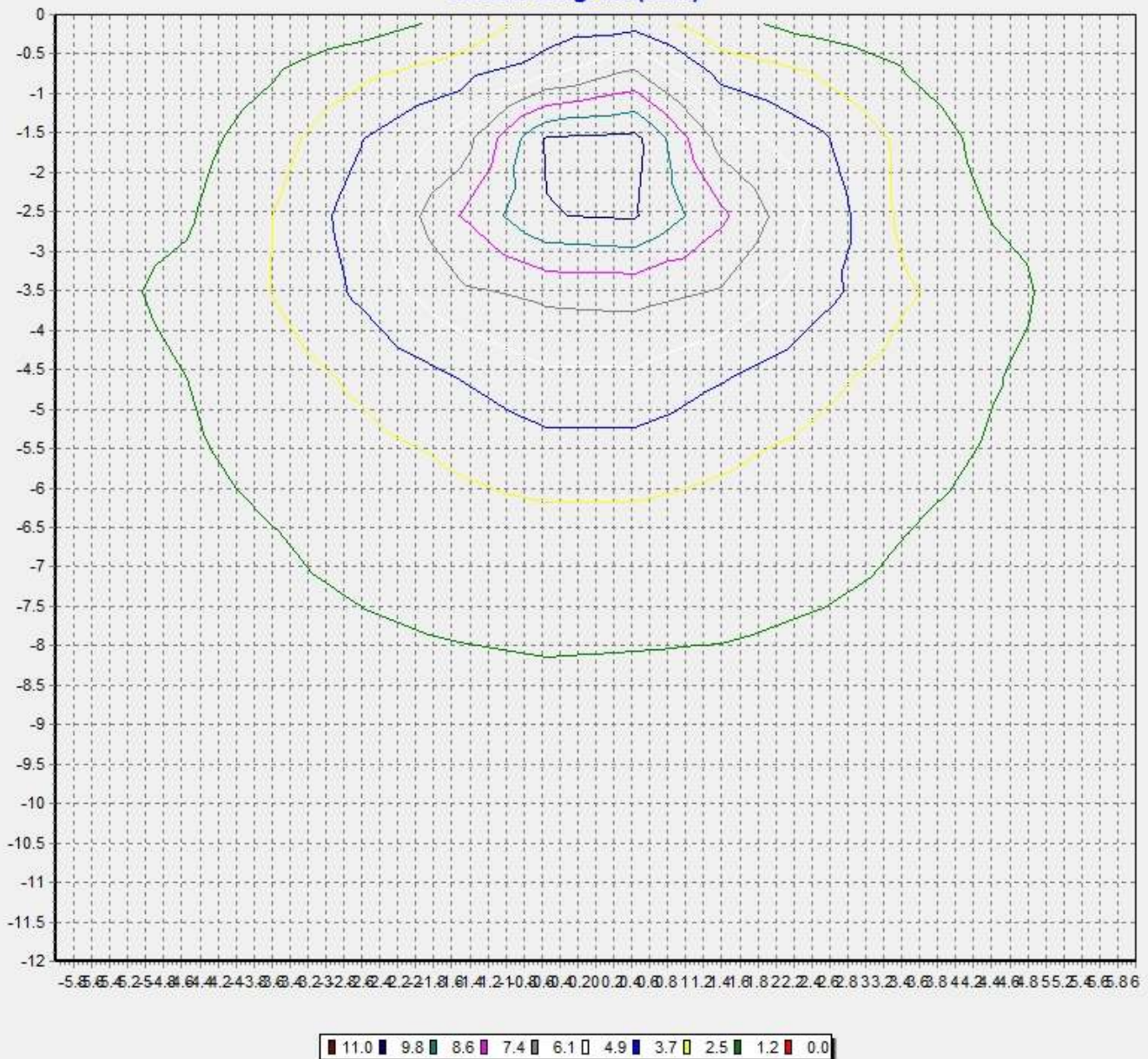
Date

Power Factor

1

2014-03-17 오후 2:35:56

IsoLux Diagram (Wall)



Pole Height (m): 2.7

Wall Distance (m): 2.7

Aiming Plane: 0

Wall Height (m): 12

Luminaire				Report			
Lamp				20140317-0001			
No. of lamps	1	Voltage (V)	23.96	Filename C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140317\diva2 11w 2.7k.jdt			
Lamp flux (lm)	753	Current (A)	0.459	Operator KIMth			
Total flux (lm)	753	Power Factor	1	Date 2014-03-17 오후 2:35:56			

Illuminance Levels (Ground)

6.00	0.23	0.33	0.33	0.46	0.78	0.92	0.99	0.94	0.82	0.50	0.37	0.36	0.27
5.00	0.32	0.34	0.68	1.00	1.07	1.70	1.85	1.74	1.14	1.08	0.75	0.39	0.36
4.00	0.31	0.65	0.79	1.66	2.02	3.30	3.69	3.40	2.14	1.80	0.90	0.74	0.35
3.00	0.38	0.86	1.51	2.17	3.83	5.88	6.94	6.08	4.15	2.44	1.72	0.98	0.44
2.00	0.62	0.85	1.67	3.56	8.52	12.95	17.47	13.31	9.14	3.99	1.93	0.98	0.72
1.00	0.69	1.30	2.73	5.02	11.96	24.24	33.33	25.21	13.08	5.70	3.12	1.52	0.82
0.00	0.71	1.38	2.92	5.66	16.55	33.43	43.20	33.96	17.58	6.54	3.41	1.64	0.86
-1.00	0.68	1.30	2.72	4.98	11.93	24.37	33.32	24.95	12.92	5.67	3.10	1.52	0.82
-2.00	0.61	0.83	1.65	3.51	8.55	12.79	17.26	13.11	9.07	3.96	1.94	0.99	0.73
-3.00	0.37	0.84	1.49	2.18	3.73	5.74	6.79	6.00	4.10	2.42	1.71	0.98	0.45
-4.00	0.29	0.63	0.79	1.62	1.95	3.21	3.61	3.37	2.11	1.78	0.89	0.74	0.35
-5.00	0.30	0.34	0.66	0.96	1.03	1.66	1.80	1.71	1.12	1.06	0.75	0.39	0.36
-6.00	0.23	0.32	0.32	0.45	0.75	0.90	0.97	0.93	0.81	0.49	0.37	0.36	0.27
-6.00	-5.00	-4.00	-3.00	-2.00	-1.00	0.00	1.00	2.00	3.00	4.00	5.00	6.00	

Illum. (Max.): 43.2
 All illuminance level values are in lux.
 Illum. (Min.): 0.23
 Illum. Avg.: 4.33

Total Optical Solution Provider

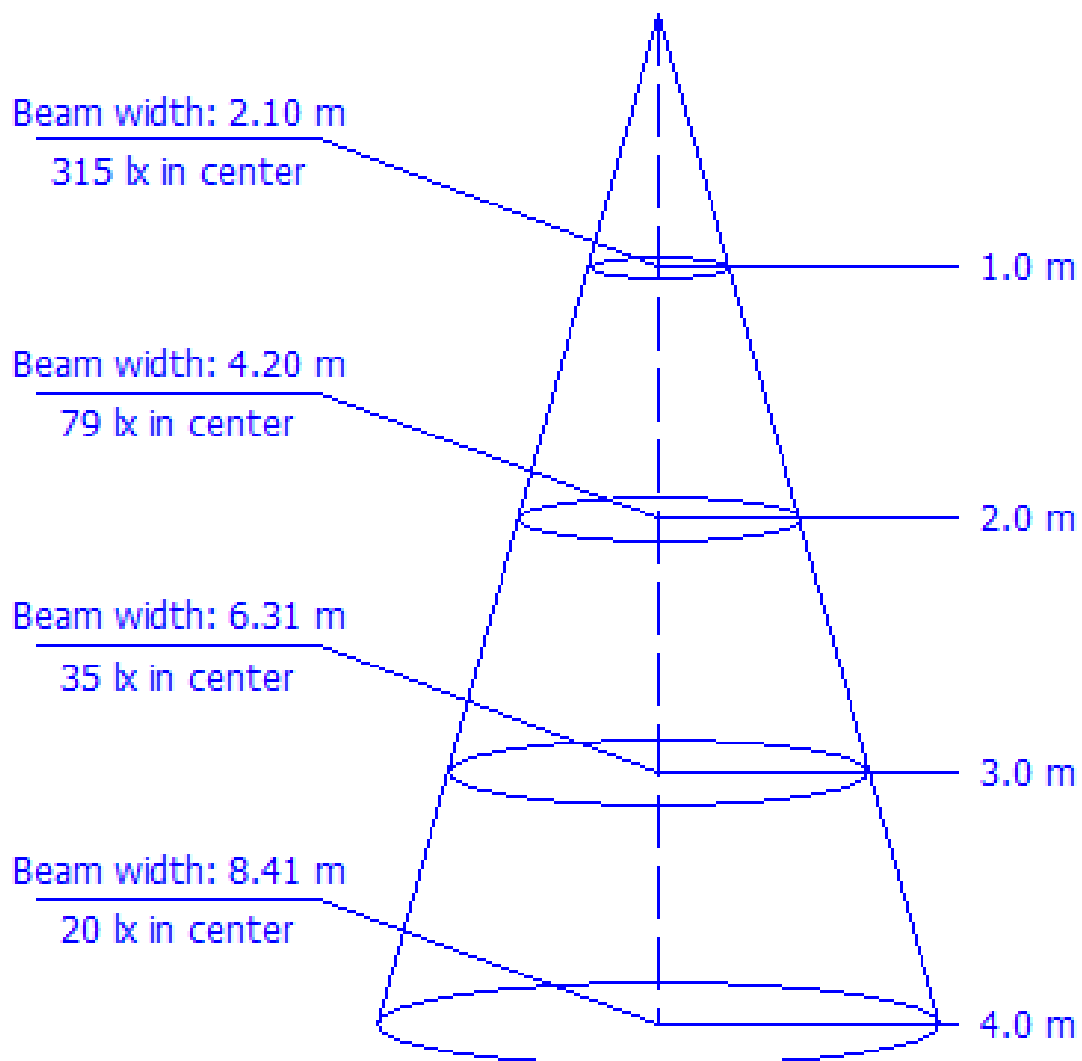


<http://www.jnctech.co.kr>
 J & C Technology Co., Ltd.

Luminaire

Lamp		Report	20140317-0001
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\Startup\Data\140317\diva2 11w 2.7k.jdt
Lamp flux (lm)	753	Operator	Current (A) 0.459 KIMth
Total flux (lm)	753	Date	Power Factor 1 2014-03-17 오후 2:35:56

Illuminance Cone Diagram



Beam Angle = 93 deg.

Based on 50% of maximum illuminance.

Luminaire				Report			
Lamp				20140317-0001			
No. of lamps	1	Voltage (V)	23.96	Filename C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140317\diva2 11w 2.7k.jdt			
Lamp flux (lm)	753	Current (A)	0.459	Operator KIMth			
Total flux (lm)	753	Power Factor	1	Date 2014-03-17 오후 2:35:56			

Coefficient of Utilization

	Refl.	Ceiling (%)	80%	80%	80%	70%	70%	70%	50%	50%	50%	30%	30%	30%	10%	10%	10%	0%
	Refl.	Wall (%)	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
Eff. Floor	Cavity	Refl.	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
Room CR	0		1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
Room CR	1		1.05	1.00	0.97	1.02	0.99	0.95	0.98	0.95	0.92	0.94	0.92	0.89	0.91	0.89	0.87	0.85
Room CR	2		0.92	0.86	0.80	0.90	0.84	0.79	0.87	0.82	0.77	0.83	0.79	0.76	0.80	0.77	0.74	0.72
Room CR	3		0.82	0.74	0.68	0.80	0.73	0.67	0.77	0.71	0.66	0.74	0.69	0.65	0.72	0.67	0.64	0.61
Room CR	4		0.73	0.64	0.58	0.71	0.64	0.58	0.69	0.62	0.57	0.67	0.61	0.56	0.65	0.59	0.55	0.53
Room CR	5		0.65	0.57	0.50	0.64	0.56	0.50	0.62	0.55	0.50	0.60	0.54	0.49	0.58	0.53	0.49	0.47
Room CR	6		0.59	0.51	0.44	0.58	0.50	0.44	0.57	0.49	0.44	0.55	0.48	0.43	0.53	0.48	0.43	0.41
Room CR	7		0.54	0.45	0.40	0.53	0.45	0.39	0.52	0.44	0.39	0.50	0.44	0.39	0.49	0.43	0.39	0.37
Room CR	8		0.49	0.41	0.36	0.49	0.41	0.35	0.47	0.40	0.35	0.46	0.40	0.35	0.45	0.39	0.35	0.33
Room CR	9		0.45	0.38	0.32	0.45	0.37	0.32	0.44	0.37	0.32	0.43	0.36	0.32	0.42	0.36	0.32	0.30
Room CR	10		0.42	0.34	0.29	0.42	0.34	0.29	0.41	0.34	0.29	0.40	0.33	0.29	0.39	0.33	0.29	0.27