

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 : Test

3. Test Standard / Item : LED / NDV1 27K-24V

4. Test Period : 20140313 ~ 20140313

5. Test Environment

Ambient Temp. : (21.29 +- 3) °C

Relative Humidity : (17.08 +- 10) % RH

6. Test Result : Refer to the attachment

Test Item

Name of Product :

FEELUX

Model / Rating :

Model : FEELUX

Rating :

Confirmation	Test by kjc	Technical manager kjc
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The result shown in this test report refer only to the sample(s) tested unless otherwise stated.

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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
20140313-0001	FEELUX		LED

Test Item	Unit	Result	Memo
Beam Distribution Test	-	See attachment	
ATHD	%	0.0	
CIE 1931 Cxy		0.4619, 0.4099	
Correlated Color Temperature	K	2682	
Ra	-	82.12	
Power Factor	%	1.000	
Input Voltage	V	24.000	
Input Current	A	0.051	
Input Watt	W	1.23	
Lamp Flux	lm	82.7	
Efficient	lm/W	67.57	
Illuminance	lx	35	1 m
		9	2 m
		4	3 m

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

Sample photo

Click to load image

Luminaire

Lamp		Report	20140313-0001
No. of lamps	1	Filename\C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140313\WINDV 1W 2.7K.jdt	
Lamp flux (lm)	83	OperatorCurrent (A)	0.051 LEEYJ
Total flux (lm)	83	Date Power Factor	1 2014-03-13 오후 3:32:57

Luminous Intensity Data

GWC	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
0	34.30	34.54	33.90	34.07	34.92	34.45	34.58	34.90	35.10	34.40	34.21	34.31	34.50	34.44	34.22
5	34.57	34.91	34.16	34.64	33.80	34.59	34.57	33.99	34.57	34.11	34.14	33.85	34.44	34.75	34.04
10	33.76	34.01	33.47	33.45	33.01	34.08	34.12	33.69	33.77	34.08	33.71	33.79	33.57	33.80	33.58
15	32.81	32.25	32.36	32.64	32.91	32.87	32.84	32.60	32.66	32.67	32.84	32.32	33.48	33.87	32.22
20	31.16	30.63	31.12	31.31	30.57	31.01	30.98	30.51	31.55	30.80	31.15	31.14	30.69	30.62	31.30
25	29.51	29.13	29.30	29.58	29.11	28.76	29.86	29.53	29.05	29.55	29.26	29.85	29.50	28.98	29.55
30	27.10	26.91	27.13	27.59	27.41	27.44	27.11	27.47	27.04	26.15	26.99	27.01	27.62	26.68	26.48
35	25.41	24.31	24.52	24.17	24.32	24.21	24.49	24.45	24.32	24.71	24.21	24.19	24.26	24.35	24.09
40	22.72	22.30	21.89	21.89	22.36	22.27	21.41	21.71	22.30	21.34	20.92	21.27	20.58	20.77	20.17
45	19.69	19.43	19.03	19.37	18.44	20.02	18.77	18.32	18.66	18.48	17.72	17.92	18.24	17.69	17.69
50	16.62	16.56	15.97	16.30	16.28	15.99	15.62	15.52	14.95	15.47	15.08	14.99	14.99	14.19	14.54
55	13.70	13.65	13.02	13.76	12.88	13.13	12.60	12.59	12.57	12.01	11.56	12.07	11.78	12.11	11.21
60	11.11	11.23	10.94	11.11	10.54	10.87	10.22	9.76	10.14	10.35	9.90	9.44	9.78	9.09	9.36
65	8.03	8.21	8.58	8.00	8.56	8.69	8.59	7.19	7.61	7.42	7.33	7.77	7.64	7.61	7.19
70	5.99	5.92	5.59	5.53	5.97	6.34	5.43	5.98	5.24	5.17	5.56	5.85	5.56	5.34	4.89
75	3.43	3.52	3.49	3.61	4.00	4.75	3.64	4.20	3.90	3.35	3.97	3.99	3.89	4.49	3.99
80	1.95	2.76	2.37	2.21	2.49	1.81	2.30	2.64	2.09	2.65	2.84	2.07	2.27	2.37	2.24
85	0.59	0.60	0.56	1.26	1.16	1.50	0.91	2.00	0.68	1.76	1.04	1.89	1.87	1.32	1.35
90	-0.03	0.08	0.07	0.71	0.70	0.57	1.07	1.32	1.22	1.07	0.63	0.45	1.10	1.12	1.14

Luminaire

Lamp		Report	20140313-0001
No. of lamps	1	Filename\C:\Program Files\JNCTECH\GoniLED\Startup\Data\140313\W\NDV 1W 2.7K.jdt	
Lamp flux (lm)	83	Operator	Current (A) 0.051 LEEYJ
Total flux (lm)	83	Date	Power Factor 1 2014-03-13 오후 3:32:57

Luminous Intensity Data (Continued)

GWC	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0	35.71	35.67	35.36	34.19	34.37	34.49	34.83	34.56	34.80	34.29	34.22	34.82	34.31	34.75	33.78
5	34.73	34.75	34.25	34.70	33.41	33.94	33.58	33.90	33.81	35.30	33.42	34.25	33.81	34.54	34.02
10	33.66	33.62	34.39	33.37	33.47	33.22	33.81	33.93	33.69	33.83	33.72	34.06	34.37	33.00	34.20
15	32.28	33.22	32.48	31.61	32.14	32.44	33.07	32.73	32.90	32.92	32.78	32.90	32.89	33.08	32.35
20	30.84	31.39	31.07	31.36	30.36	30.77	32.00	30.81	31.85	31.43	30.72	31.37	31.33	30.61	31.45
25	28.68	29.41	29.60	29.13	28.84	29.31	29.51	29.29	29.30	30.22	29.33	28.73	29.01	29.37	29.90
30	26.88	26.39	26.96	26.47	26.45	26.98	26.92	26.55	27.26	26.95	26.99	27.38	27.05	26.64	27.13
35	23.91	23.50	23.29	23.11	23.12	23.52	23.53	23.69	24.46	24.49	23.95	24.57	24.93	24.84	24.86
40	20.55	20.19	20.48	19.97	19.97	21.14	19.61	21.44	20.90	21.34	21.15	22.39	21.43	22.82	22.37
45	17.76	16.78	17.71	17.78	16.91	17.55	17.33	17.89	18.07	17.63	17.54	18.30	18.45	19.28	19.67
50	14.72	14.10	14.66	14.52	14.21	14.20	14.21	14.25	14.51	15.13	15.21	16.33	15.75	16.43	16.39
55	11.93	11.10	12.02	11.90	11.91	12.65	11.41	11.64	12.42	12.65	12.24	12.65	13.10	13.31	13.21
60	10.15	9.11	9.65	9.04	8.77	9.80	9.22	9.61	9.72	9.65	10.50	10.72	10.32	10.11	10.78
65	7.55	6.86	7.61	7.29	7.01	6.72	7.02	7.75	7.98	7.86	7.66	8.52	7.89	8.27	8.65
70	5.07	5.24	5.21	5.04	4.91	5.15	4.98	5.61	4.88	5.94	5.66	5.57	6.35	6.31	6.80
75	3.79	3.89	3.37	4.01	4.11	3.53	3.64	3.79	3.31	3.71	4.05	4.65	4.11	4.59	4.68
80	2.80	2.90	2.72	2.50	2.57	2.95	2.86	3.60	3.02	2.62	2.47	2.80	3.31	2.84	1.94
85	2.19	1.53	1.52	2.02	1.54	2.31	1.72	1.91	2.30	1.64	1.50	2.12	1.64	1.93	1.72
90	0.92	0.88	0.69	1.46	0.80	1.20	1.33	0.74	1.06	1.06	0.55	0.66	0.33	0.65	1.03

Luminaire

Lamp		Report	20140313-0001
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140313\WINDV 1W 2.7K.jdt
Lamp flux (lm)	83	Operator	Current (A) 0.051 LEEYJ
Total flux (lm)	83	Date	Power Factor 1 2014-03-13 오후 3:32:57

Luminous Intensity Data (Continued)

GWC	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220
0	34.39	35.18	35.24	34.51	34.66	34.19	34.30	34.54	33.90	34.07	34.92	34.45	34.58	34.90	35.10
5	34.31	34.82	34.40	35.19	33.93	34.15	34.59	34.89	35.66	34.55	35.11	35.32	34.55	34.70	35.08
10	33.68	33.73	33.38	33.68	33.49	34.00	33.42	34.44	34.15	34.17	34.16	33.63	34.11	34.35	33.56
15	33.15	33.17	33.33	32.48	32.82	33.11	33.70	32.77	33.03	32.39	32.86	33.43	32.83	33.65	33.01
20	31.92	31.78	31.38	31.89	32.20	32.08	32.00	31.75	31.95	31.48	32.18	31.72	31.89	32.26	31.83
25	30.29	29.22	29.71	29.64	29.98	29.43	29.98	29.73	30.43	30.08	29.70	30.60	30.14	30.08	29.93
30	27.33	28.31	28.00	28.34	27.52	27.64	28.04	28.11	27.99	27.98	28.42	28.55	28.47	27.63	28.55
35	25.21	24.55	25.24	25.51	25.57	25.60	25.70	25.92	25.91	25.55	26.02	26.30	25.77	25.65	26.10
40	22.75	22.71	23.08	22.68	23.42	23.11	23.34	23.37	23.48	22.35	23.59	23.66	23.64	23.31	23.39
45	20.00	19.54	19.83	20.12	20.65	20.20	19.99	20.57	19.53	20.65	20.76	20.64	20.98	19.78	20.98
50	16.50	17.69	17.67	17.28	18.16	16.69	17.12	17.79	17.61	18.15	17.46	17.52	17.71	17.49	17.82
55	13.61	13.55	14.16	14.24	15.22	14.74	14.86	14.89	14.83	15.11	15.54	15.17	13.92	14.46	14.22
60	10.64	10.87	11.09	11.88	11.64	12.13	12.33	12.28	11.71	12.36	11.47	11.52	11.49	11.40	11.13
65	8.53	8.37	9.16	8.74	9.61	8.62	8.87	10.46	10.34	8.91	9.71	9.82	8.99	8.73	9.42
70	6.44	6.24	6.69	6.98	6.68	7.02	6.42	6.41	6.55	6.56	6.91	6.02	7.58	6.66	6.94
75	4.10	4.67	4.66	4.90	4.78	4.89	4.97	4.68	5.00	4.04	5.79	5.17	5.00	5.21	4.76
80	2.89	3.41	3.18	2.57	2.61	2.22	2.66	2.50	2.33	3.02	2.80	3.13	3.37	2.86	3.36
85	2.00	0.99	1.64	0.78	0.96	1.08	0.41	0.57	0.51	1.22	2.03	1.59	2.43	1.93	1.82
90	0.52	0.42	0.80	0.66	0.48	0.62	0.43	-0.09	-0.88	0.37	0.19	1.07	0.70	1.14	0.45

Luminaire

Lamp		Report	20140313-0001
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\Startup\Data\140313\W\NDV 1W 2.7K.jdt
Lamp flux (lm)	83	Operator	Current (A) 0.051 LEEYJ
Total flux (lm)	83	Date	Power Factor 1 2014-03-13 오후 3:32:57

Luminous Intensity Data (Continued)

GWC	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0	34.40	34.21	34.31	34.50	34.44	34.22	35.71	35.67	35.36	34.19	34.37	34.49	34.83	34.56	34.80
5	34.81	33.65	34.78	34.55	35.17	34.59	34.78	35.47	34.77	34.95	35.08	34.03	34.83	34.81	34.66
10	33.53	34.52	33.86	34.00	34.29	34.34	34.27	33.21	34.64	33.77	33.95	33.33	33.34	33.22	33.82
15	33.69	33.12	33.21	33.25	32.40	33.28	33.64	33.29	32.59	33.05	33.53	33.05	33.56	32.39	32.80
20	32.60	31.77	31.69	32.31	31.49	31.61	32.40	32.25	32.02	31.73	31.17	30.59	31.78	31.41	31.34
25	30.53	30.82	29.72	29.13	29.73	29.99	28.87	30.03	29.21	29.27	29.15	29.37	30.57	30.15	29.39
30	27.38	28.79	27.98	26.98	27.65	27.85	27.69	27.73	27.38	27.32	26.87	27.37	27.99	26.66	27.16
35	25.00	25.48	25.13	25.70	24.65	24.53	24.69	25.07	25.63	24.61	24.64	25.18	24.89	24.50	25.06
40	22.10	22.80	22.79	22.86	21.86	22.63	21.43	22.31	21.87	21.28	22.23	21.94	21.71	21.62	22.04
45	19.65	19.94	19.59	19.48	19.20	19.17	19.05	18.82	19.22	18.79	18.71	19.26	18.80	18.77	18.51
50	17.35	16.89	17.47	16.79	16.30	15.63	15.97	15.78	16.15	15.59	16.12	15.57	16.15	15.76	15.62
55	13.73	13.91	13.49	13.60	13.97	13.33	13.70	13.68	12.65	12.29	13.47	12.61	13.28	12.94	13.10
60	11.45	11.67	11.35	10.65	11.13	10.47	10.44	10.47	10.30	9.93	10.54	9.99	11.11	10.23	10.19
65	8.81	9.56	7.87	8.73	8.55	7.97	7.70	8.29	7.80	7.43	7.56	7.46	7.45	7.53	8.38
70	6.33	7.14	6.62	6.26	5.89	6.49	6.62	5.89	5.46	5.65	6.38	5.51	6.49	5.96	6.01
75	4.62	4.97	4.86	4.35	4.98	5.18	4.24	3.96	4.03	3.96	4.51	4.40	3.73	4.63	4.51
80	3.53	3.14	3.27	2.88	3.15	3.61	2.67	3.08	2.61	2.80	2.57	3.92	2.43	2.68	2.69
85	2.37	1.87	1.42	2.41	1.60	2.21	1.89	2.13	1.82	2.51	2.31	2.27	2.15	2.21	2.54
90	0.52	1.25	0.95	1.76	1.37	1.71	2.03	1.11	1.38	1.64	1.69	1.45	1.82	1.19	0.83

Luminaire

Lamp		Report	20140313-0001
No. of lamps	1	Filename\C:\Program Files\JNCTECH\GoniLED\Startup\Data\140313\W\NDV 1W 2.7K.jdt	
Lamp flux (lm)	83	Operator	Current (A) 0.051 LEEYJ
Total flux (lm)	83	Date	Power Factor 1 2014-03-13 오후 3:32:57

Luminous Intensity Data (Continued)

GWC	300	305	310	315	320	325	330	335	340	345	350	355	360
0	34.29	34.22	34.82	34.31	34.75	33.78	34.39	35.18	35.24	34.51	34.66	34.19	34.30
5	34.77	34.49	34.20	34.16	34.77	33.70	34.14	34.16	34.36	34.63	34.02	33.39	34.57
10	34.32	33.41	33.89	34.35	33.95	34.39	33.91	33.85	33.43	33.24	33.96	33.75	33.76
15	33.04	32.55	32.81	32.77	32.09	33.50	32.46	33.29	32.99	33.38	33.15	33.01	32.81
20	31.15	31.04	31.28	30.98	31.51	32.18	31.01	31.42	31.80	31.10	31.04	30.81	31.16
25	29.91	29.50	30.03	29.49	29.47	29.70	28.94	30.32	29.61	29.83	29.14	29.48	29.51
30	27.37	27.66	27.33	27.63	27.42	27.55	27.19	27.10	27.72	27.72	26.55	28.15	27.10
35	25.05	25.16	24.40	24.65	25.27	24.66	24.71	25.93	25.02	24.68	25.01	24.31	25.41
40	22.00	22.12	21.80	22.15	21.52	21.97	21.84	22.57	22.56	22.64	21.96	21.98	22.72
45	19.08	18.57	19.29	19.83	19.09	19.98	20.08	19.83	19.02	19.89	19.17	19.44	19.69
50	15.38	16.11	16.34	16.57	16.25	16.61	16.58	16.36	17.15	17.72	16.28	17.20	16.62
55	13.11	12.62	13.04	13.73	13.50	13.87	14.30	14.50	13.68	14.16	14.28	14.04	13.70
60	10.75	10.72	10.64	11.71	11.33	10.71	11.06	10.49	10.86	10.91	10.79	10.86	11.11
65	8.02	8.33	7.97	8.69	8.64	8.30	8.62	8.62	7.90	8.54	8.22	8.90	8.03
70	6.22	6.34	6.33	6.26	6.19	6.73	6.84	6.56	6.13	5.89	5.79	5.95	5.99
75	3.89	4.62	4.44	4.66	4.78	4.45	4.03	4.55	3.35	3.56	3.88	3.74	3.43
80	3.00	3.06	3.09	3.61	2.75	2.77	2.95	1.85	1.65	2.35	1.96	1.91	1.95
85	1.92	2.23	1.95	1.93	2.43	2.15	1.39	1.48	1.33	1.04	0.27	0.77	0.59
90	1.14	1.27	0.62	0.26	0.88	0.37	0.55	0.57	0.51	0.32	0.35	-0.22	-0.03

Luminaire

Lamp		Report	20140313-0001
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140313\W\NDV 1W 2.7K.jdt
Lamp flux (lm)	83	Operator	Current (A) 0.051 LEEYJ
Total flux (lm)	83	Date	Power Factor 1 2014-03-13 오후 3:32:57

Luminous Flux Table

Total Lamp Lumens: 82.7

Luminaire Efficiency (lm/W): 82.75

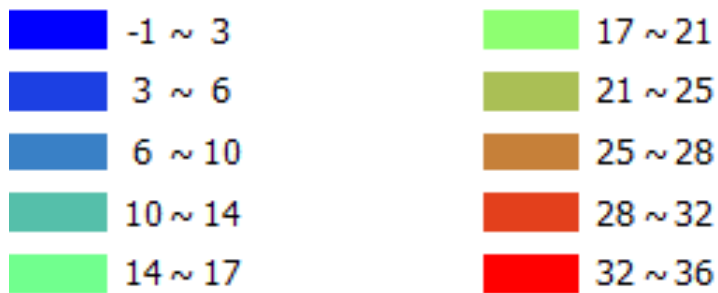
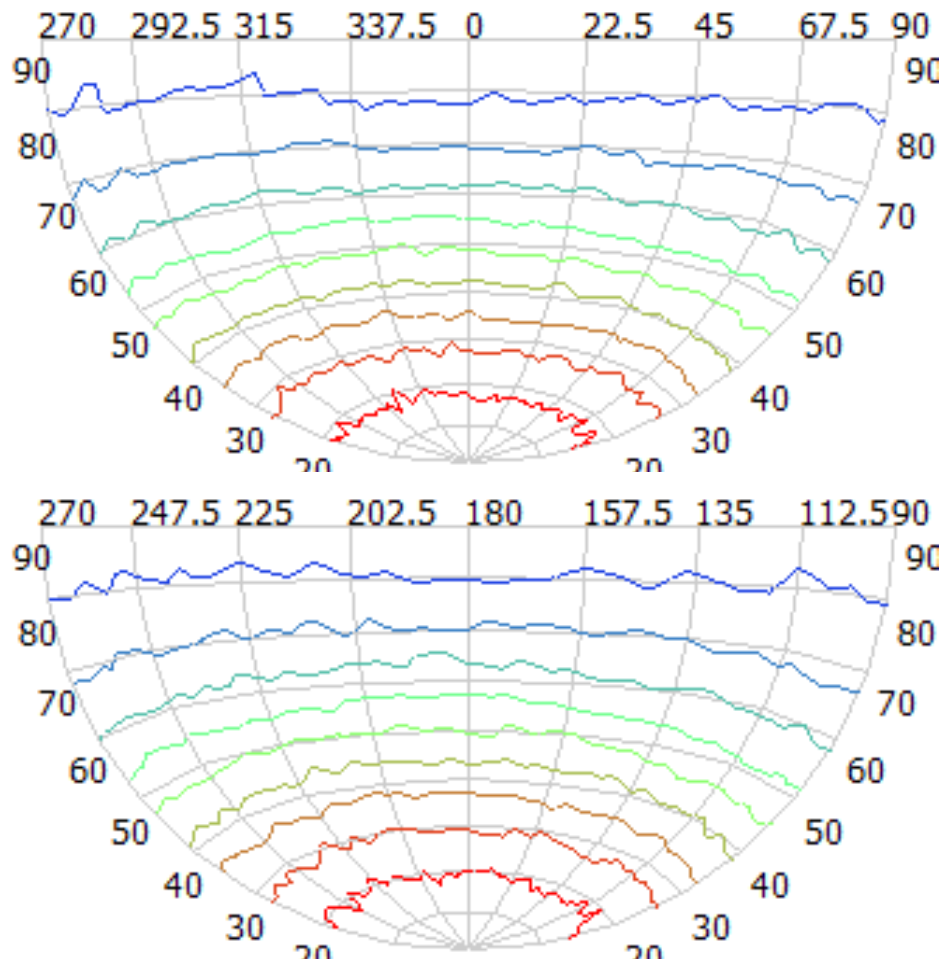
CIE Classification: Direct

Elevation	Lumens	Cumulative	Lamp %	Luminaire %
0	0.21	0.21	0.25	0.25
5	1.65	1.85	2.24	2.24
10	3.22	5.07	6.13	6.13
15	4.67	9.74	11.78	11.77
20	5.89	15.63	18.90	18.89
25	6.85	22.48	27.19	27.17
30	7.51	29.99	36.26	36.24
35	7.79	37.78	45.68	45.66
40	7.75	45.53	55.06	55.03
45	7.39	52.92	63.99	63.95
50	6.78	59.70	72.18	72.14
55	5.96	65.66	79.39	79.35
60	5.05	70.71	85.50	85.45
65	4.09	74.80	90.45	90.40
70	3.11	77.91	94.21	94.16
75	2.26	80.17	96.94	96.89
80	1.47	81.64	98.72	98.66
85	0.88	82.52	99.79	99.73
90	0.22	82.75	100.06	100.00

Luminaire

Lamp		Report	20140313-0001
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140313\W\NDV 1W 2.7K.jdt
Lamp flux (lm)	83	Operator	Current (A) 0.051 LEEYJ
Total flux (lm)	83	Date	Power Factor 1 2014-03-13 오후 3:32:57

IsoCandela (Type C)



Luminaire

Lamp		Report	20140313-0001										
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140313\W\NDV 1W 2.7K.jdt										
Lamp flux (lm)	83	Operator	Current (A)	0.051	LEEYJ								
Total flux (lm)	83	Date	Power Factor	1	2014-03-13 오후 3:32:57								

Illuminance Levels (Ground)

6.00	0.03	0.04	0.04	0.05	0.07	0.08	0.08	0.09	0.07	0.04	0.03	0.03	0.02
5.00	0.04	0.04	0.08	0.10	0.10	0.15	0.16	0.15	0.10	0.10	0.07	0.03	0.03
4.00	0.04	0.07	0.09	0.17	0.19	0.30	0.34	0.30	0.19	0.16	0.08	0.07	0.04
3.00	0.05	0.11	0.18	0.25	0.40	0.55	0.65	0.55	0.38	0.24	0.17	0.11	0.05
2.00	0.08	0.12	0.22	0.43	0.93	1.35	1.81	1.31	0.93	0.40	0.21	0.11	0.08
1.00	0.10	0.19	0.37	0.67	1.43	2.67	3.57	2.65	1.41	0.62	0.35	0.18	0.10
0.00	0.11	0.21	0.40	0.75	1.94	3.80	4.71	3.70	1.89	0.73	0.39	0.19	0.10
-1.00	0.11	0.19	0.38	0.68	1.49	2.75	3.73	2.72	1.41	0.63	0.36	0.18	0.10
-2.00	0.09	0.13	0.23	0.46	0.97	1.40	1.89	1.38	0.97	0.43	0.22	0.11	0.08
-3.00	0.06	0.12	0.20	0.27	0.44	0.62	0.69	0.61	0.41	0.27	0.19	0.11	0.05
-4.00	0.04	0.08	0.10	0.19	0.22	0.34	0.36	0.34	0.21	0.18	0.10	0.08	0.04
-5.00	0.04	0.04	0.08	0.11	0.11	0.17	0.17	0.17	0.11	0.10	0.08	0.04	0.04
-6.00	0.03	0.04	0.04	0.05	0.08	0.09	0.09	0.09	0.08	0.05	0.04	0.04	0.03
-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.): 4.71

Illum. (Min.): 0.02

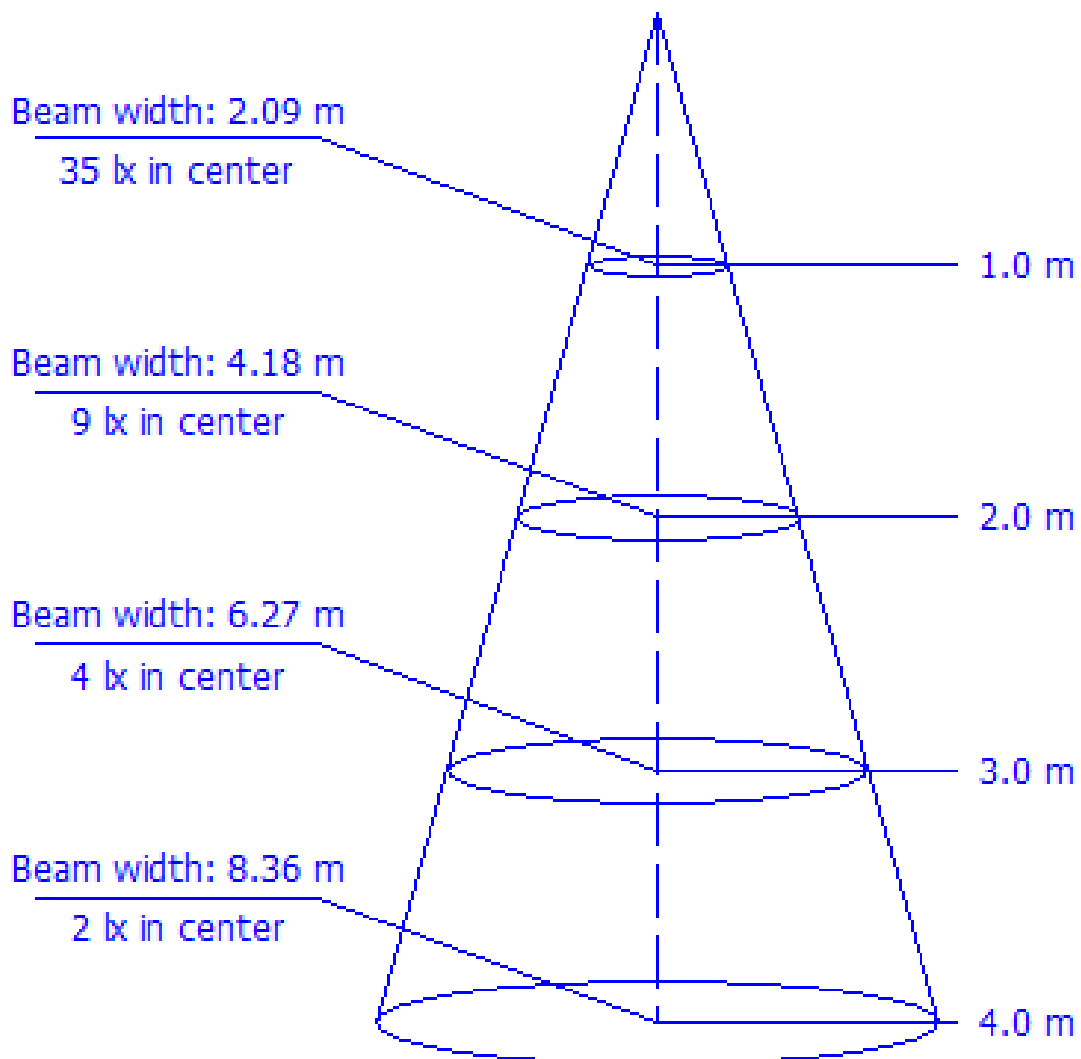
Illum. Avg.: 0.47

All illuminance level values are in lux.

Luminaire

Lamp		Report	20140313-0001
No. of lamps	1	Filename	C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140313\W\NDV 1W 2.7K.jdt
Lamp flux (lm)	83	Operator	Current (A) 0.051 LEEYJ
Total flux (lm)	83	Date	Power Factor 1 2014-03-13 오후 3:32:57

Illuminance Cone Diagram



Beam Angle = 93 deg.

Based on 50% of maximum illuminance.

Luminaire

Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	83	Current (A)	0.051
Total flux (lm)	83	Power Factor	1

Report

20140313-0001

Filename C:\Program Files\JNCTECH\GoniLED\StartUp\Data\140313\NDV 1W 2.7K.jdt

Operator

LEEYJ

Date

2014-03-13 오후 3:32:57

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	1.17	1.17	1.17	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	0.99
Room CR 1	1.04	1.00	0.96	1.01	0.98	0.95	0.97	0.94	0.92	0.93	0.91	0.89	0.90	0.88	0.86	0.84
Room CR 2	0.91	0.85	0.80	0.89	0.84	0.79	0.86	0.81	0.77	0.83	0.79	0.75	0.80	0.76	0.74	0.71
Room CR 3	0.81	0.73	0.67	0.79	0.72	0.67	0.76	0.70	0.66	0.74	0.69	0.64	0.71	0.67	0.63	0.61
Room CR 4	0.72	0.64	0.58	0.71	0.63	0.57	0.69	0.62	0.57	0.66	0.61	0.56	0.64	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	0.49	0.60	0.54	0.49	0.58	0.53	0.48	0.46
Room CR 6	0.59	0.50	0.44	0.58	0.50	0.44	0.56	0.49	0.44	0.55	0.48	0.43	0.53	0.47	0.43	0.41
Room CR 7	0.54	0.45	0.39	0.53	0.45	0.39	0.51	0.44	0.39	0.50	0.44	0.39	0.49	0.43	0.38	0.37
Room CR 8	0.49	0.41	0.35	0.48	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	0.37	0.32	0.45	0.37	0.32	0.44	0.37	0.32	0.42	0.36	0.32	0.41	0.36	0.31	0.30
Room CR 10	0.42	0.34	0.29	0.41	0.34	0.29	0.40	0.34	0.29	0.39	0.33	0.29	0.39	0.33	0.29	0.27