

# TEST REPORT

**1. Applicant**

\* Client Name : KH-FEELUX Co. Ltd.  
\* Address : 235-48 Gwangjeok-ro Gwangjeok-myeon Yangju-si Gyeonggi-do 482-844 Korea  
\* Date of Receipt : 210805

**2. Purpose of Report** :

**3. Number of Report** :

**4. Test Standard / Item** : / 210805 DVP-24V-C90-C 3000K

**5. Test Period** : 210805 ~ 210805

**6. Test Environment**

\* Ambient Temp. : 27.9 +- 3 °C  
\* Relative Humidity : 62.6 +- 10 % RH

**7. Test Item**

\* Name of Product :  
\* Rating :  
\* Model :

**8. Test Result** : Refer to the attachment

Confirmation	Test by		Technical manager	
	JSY	Sign	JSY	Sign

\*\*\*\*\*

- \* The result shown in this test report refer only to the sample(s) tested unless otherwise stated.
- \* This report cannot be reproduced, except in full.
- \* This report is for reference only. It cannot replace the report by standard organization(s).

## Result

Report Number	Sample Name	Sample Number	Test Standard

Test Item	Unit	Result	Notice
Beam Distribution Test		See Attachement	
ATHD	%	0.0	
CIE 1931 Cx, Cy		0.4444 , 0.4117	
Correlated Color Temperature	K	2955	
Ra		91.3	
Power Factor		1.000	
Input Voltage	V	24.000	
Input Current	A	0.109	
Input Watt	W	2.61	
Lamp Flux	lm	211.6	
Efficient	lm/W	80.89	
luminous Intensity (Max , Center)	cd	805 , 805	
Illuminance	lx	805	1 m
		201	2 m
		89	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

Voltage (V) 24

Report

Filename 210805 DVP-24V-C90-C 3000K.jdt

Lamp flux (lm) 212

Current (A) 0.109

Operator

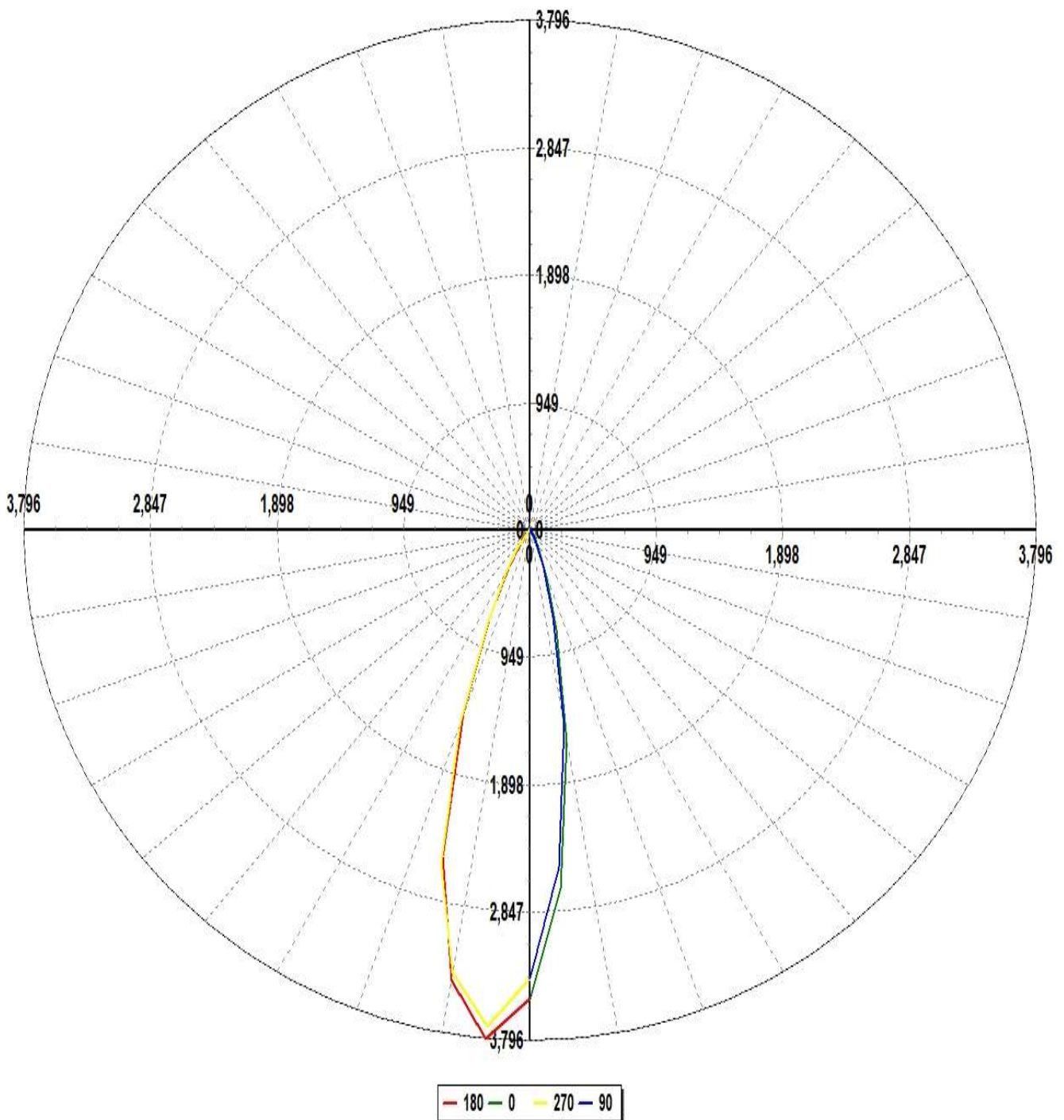
Total flux (lm) 212

Power Factor 1

Date

2021-08-05 오후 3:24:09

## Luminous Intensity Distribution



Luminaire

Lamp

No. of lamps 1

Voltage (V) 24

Report

Filename 210805 DVP-24V-C90-C 3000K.jdt

Lamp flux (lm) 212

Current (A) 0.109

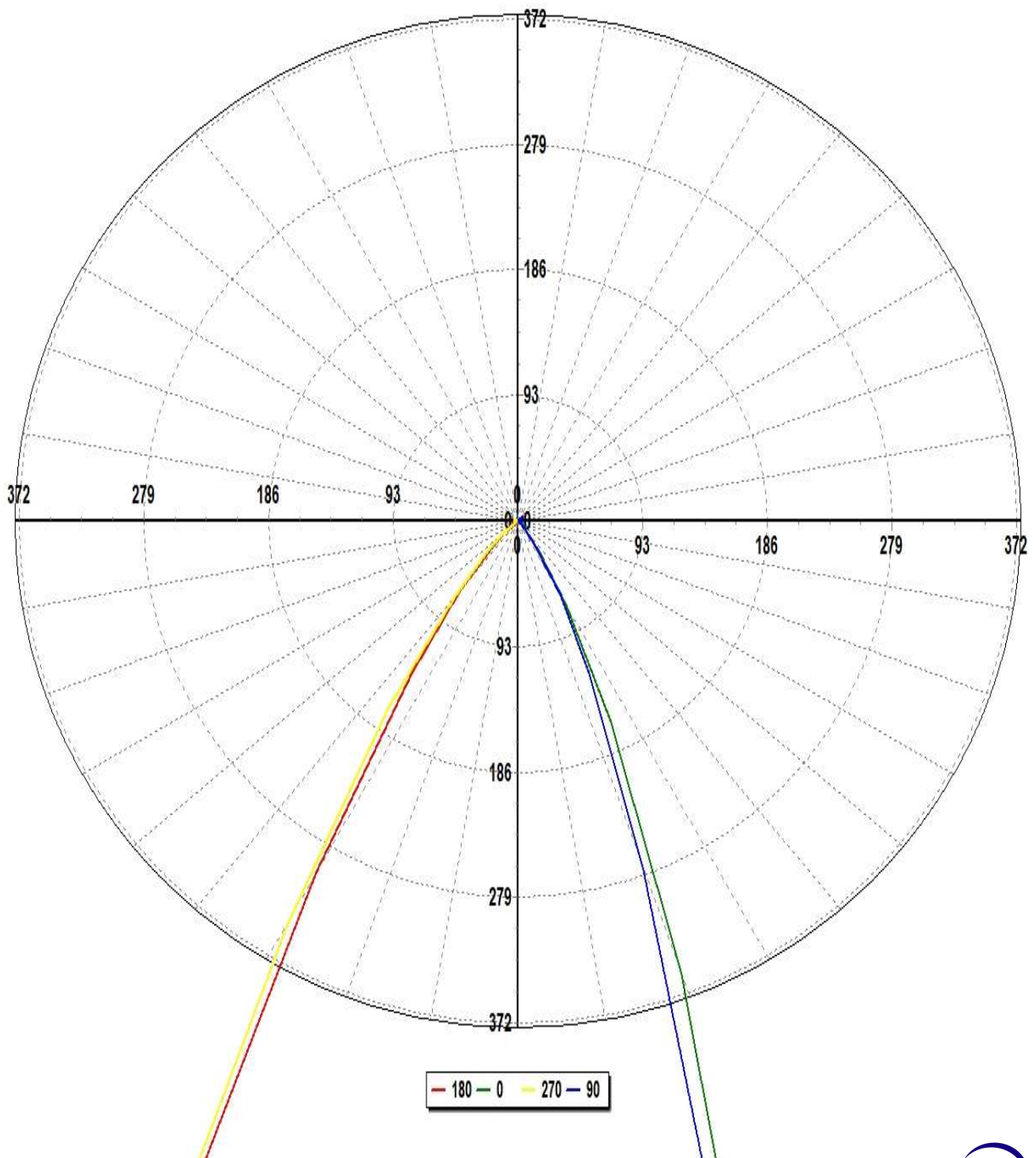
Operator

Total flux (lm) 212

Power Factor 1

Date 2021-08-05 오후 3:24:09

## Luminous Intensity Distribution (Lowest 10%)



Total Optical Solution Provider

## Luminaire

### Lamp

No. of lamps	1	Voltage (V)	24	Report	Filename 210805 DVP-24V-C90-C 3000K.jdt
Lamp flux (lm)	212	Current (A)	0.109	Operator	
Total flux (lm)	212	Power Factor	1	Date	2021-08-05 오후 3:24:09

## Luminous Intensity Data

Maximum (cd) : 805

Minimum (cd) : -1

G/C	0	5	10	15	20	25	30	35	40	45	50
0	740.13	732.27	733.58	727.12	729.21	721.91	728.41	720.22	722.18	710.22	717.99
5	567.57	554.2	564.03	555.99	562.13	554.37	562.14	554.81	563.15	551.11	550.59
10	339.26	332.31	338.8	332.63	336.63	329.54	337.06	326.73	330.8	321.03	327.72
15	161.84	158.23	160.14	154.27	155.39	147.6	149.27	142.15	144.86	138.64	140.63
20	75.25	72.74	72.52	68.85	68.33	64.01	63.89	60.55	59.44	57.44	57.28
25	34.67	32.72	32.89	30.82	31.43	27.94	27.64	26.23	25.7	25.63	25.43
30	15.19	14.79	13.73	13.07	14.28	12.68	12.48	12	12.05	13.07	12.38
35	6.15	7.06	7.07	6.24	6.71	6.64	5.78	5.88	5.15	4.91	5.17
40	1.79	2.48	2.63	1.99	2.15	1.43	2.31	2.76	2.56	1.71	1.7
45	1.84	1	0.85	0.29	0.61	0.88	1.22	1.3	0.8	0.81	0.47
50	0.52	1.17	0.67	0.53	0.69	0.33	1.12	0.71	0.65	0.76	0.63
55	0	1.5	0.67	0.84	0.27	-0.04	0.34	0.63	0.37	0.43	0.32
60	0.03	0.68	0.21	0.37	0.05	0.91	0.07	0.57	0.47	0.74	0.1
65	-0.18	-0.05	0.16	0.07	0.64	0.2	0.5	0.33	0.2	0.26	0.43
70	0.33	0.39	-0.44	-0.09	0.38	0.28	-0.5	0.07	0.18	0.89	0.59
75	-0.35	-0.1	-0.06	0.01	0.52	-0.48	0.07	-0.42	-0.65	-0.07	-0.19
80	-0.27	-0.22	-0.32	0	0.02	0.28	-0.6	-0.71	-0.55	0.01	-0.33
85	0.03	-0.14	-0.35	-0.04	0.29	0.24	-0.67	0.23	-0.21	-0.37	-0.3
90	0.04	-0.28	0.26	-0.28	-0.66	-0.54	0.05	0	0.26	-0.54	-0.24
95	-0.6	-0.21	-0.03	-0.07	-0.2	0.52	0.05	-0.57	-0.96	0.08	-0.13
100	-0.65	0.09	-0.43	0.22	-0.59	0.47	0.43	0.16	0.03	-0.19	0.28
105	0.42	0.29	-0.13	0.89	0.12	-0.1	-0.15	-0.2	-0.22	0.34	0.16
110	-0.29	-0.72	0.03	-0.31	-0.32	0.43	0.08	0.47	0.12	0.04	-0.19
115	0.11	0.63	0.48	0.39	-0.16	0.2	0.02	-0.23	0.49	-0.25	0.45
120	-0.37	0.2	0.28	-0.16	0.18	0.05	1.06	0.25	0.58	0.53	0.45
125	-0.5	0.63	0.21	0.84	0.62	0.5	0.44	0.27	0.34	0.91	0.97
130	0.23	1.19	0.56	0.53	0.66	0.1	1.2	0.69	0.57	0.24	0.88

## Luminaire

## Lamp

## Report

No. of lamps	1	Voltage (V)	24	Filename	210805 DVP-24V-C90-C 3000K.jdt
Lamp flux (lm)	212	Current (A)	0.109	Operator	
Total flux (lm)	212	Power Factor	1	Date	2021-08-05 오후 3:24:09

## Luminous Intensity Data (Continued)

Maximum (cd) : 805

Minimum (cd) : -1

G/C	55	60	65	70	75	80	85	90	95	100	105
0	710.66	714.29	708.62	710.34	705.8	710.8	709.1	707.14	704.23	705.95	700.2
5	550.82	552.42	543.96	548.29	540.55	541.9	526.9	534.34	528.76	532.68	521.27
10	319.82	324.57	318.15	320.7	314.66	318.21	310.66	313.21	303.41	304.28	295.19
15	136.52	140.28	136.84	141.99	138.94	143.15	138.8	141.73	135.75	137.73	131.77
20	54.88	55.79	54.28	56.01	55.38	57.55	56.68	57.84	55.48	57.23	53.52
25	24.27	25.72	24.27	25.99	25.55	26.34	26.38	26.86	25.56	25.39	24.54
30	11.34	12.85	11.26	11.36	11.74	12.66	12.85	13.44	13.78	12.58	12.08
35	4.99	6	4.58	4.5	4.78	4.38	4.69	4.88	5.33	4.59	3.82
40	1.29	1.78	2.03	2.36	2.25	2.63	2.15	1.82	2.36	1.71	2.4
45	1.12	0.16	0.3	0.27	0.36	1.2	0.95	0.77	0.95	0.79	1.25
50	1.34	1	-0.09	0.55	0.63	0.92	0.83	0.62	0.73	0.59	1.48
55	0.32	0.23	0.68	0.55	1.02	0.93	0.16	0.7	0.13	0.56	0.52
60	0.84	0.53	0.15	0.53	0.71	0.52	0.14	0.38	0.27	-0.53	0.53
65	0.14	0.11	-0.27	-0.08	0.26	0.8	0.54	-0.69	-0.6	0.14	1.08
70	-0.21	0.02	0.05	-0.03	-0.33	-0.17	0.43	0.21	0	0.27	-0.14
75	-0.39	-0.34	-0.02	-0.54	0.4	0.49	0.05	0.12	-0.15	-0.09	-0.22
80	-0.18	-0.02	-0.01	-0.31	0.23	0.13	-0.45	-0.24	-0.95	0.36	0.13
85	0.08	-0.47	0.4	-0.65	-0.31	-0.09	0.05	-0.15	-0.19	-0.13	0.01
90	0	-0.38	-0.08	-0.01	-0.3	-0.1	0.58	-0.65	0.1	-0.26	-0.16
95	0.03	-0.24	-0.11	-0.02	0.4	-0.83	-0.21	0.4	0.01	0.16	0
100	0.04	0.32	0.21	-0.18	0.5	0.34	-0.1	-0.13	0.21	-0.07	0.03
105	0.14	-0.17	0.45	-0.11	-0.16	0.5	-0.26	-0.06	-0.03	-0.39	-0.07
110	-0.02	-0.03	0.38	0.11	-0.49	0.41	0.03	0.2	-0.16	0.26	0.05
115	0.53	-0.22	0.04	-0.2	-0.09	-0.32	-0.22	-0.15	0.26	0.08	-0.71
120	0.62	0.52	0.31	0.43	0.56	0.47	0.07	0.49	0.27	0.05	-0.02
125	0.99	0.25	0.97	0.34	0.77	0.19	0.59	0.59	0.78	0.37	0.6
130	0.87	0.44	0.41	0.34	0.61	1.22	1.29	0.98	0.97	0.61	0.79

## Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24	Report	Filename 210805 DVP-24V-C90-C 3000K.jdt
Lamp flux (lm)	212	Current (A)	0.109	Operator	
Total flux (lm)	212	Power Factor	1	Date	2021-08-05 오후 3:24:09

## Luminous Intensity Data (Continued)

Maximum (cd) : 805

Minimum (cd) : -1

G/C	110	115	120	125	130	135	140	145	150	155	160
0	705.77	704.29	704.8	697.81	700.97	695.49	698.58	694.86	699.97	692.71	694.89
5	525.82	518.11	522.8	515.45	520.59	509.81	518.43	507.67	511.18	506.57	513.88
10	297.39	289.49	293.09	283.81	288.51	282.56	288.24	279.36	285.67	281.11	288.64
15	133.09	126.88	129.3	123.28	126.16	122.24	126.58	124.07	129.77	126.91	133.1
20	54.44	51.56	52.96	50.59	52	50.91	52.18	51.11	54.45	53.51	56.36
25	24.04	23.23	23.08	22.71	23.14	22.57	22.97	22.77	23.62	23.88	25.11
30	10.97	10.52	10.41	9.12	10.33	10.45	10.64	10.01	10.98	10.86	11.05
35	3.73	4.12	4.69	3.85	4.55	4.43	3.94	4	3.74	4.18	5.06
40	1.58	1.65	2.63	1.28	2.78	2.2	2.1	2.1	1.75	2.61	2.48
45	1.07	1.04	0.76	1.62	0.72	1.2	0.67	0.51	0.75	0.68	1.27
50	0.15	-0.2	0.7	0.5	0.62	-0.2	1	0.73	0.86	0.41	0.61
55	1.12	1.26	0.14	0.65	0.9	0.64	0.79	0.09	0.92	0.58	0.02
60	0.84	-0.75	0.26	0.09	0.5	0.71	0.22	0.06	0.38	0.18	-0.43
65	-0.47	0.25	-0.41	-0.01	-0.03	-0.51	-0.1	0.12	-0.11	-0.02	0.07
70	0.56	0.36	0.12	0.31	0.44	0.1	0.38	0.46	0.11	-0.17	-0.76
75	0.25	0.4	-0.1	-0.09	0.29	0.15	-0.08	0.32	0.37	0.2	0.13
80	-0.21	-0.24	0.02	0.46	0.8	-0.3	-0.46	-0.59	-0.5	0.18	0.55
85	0.11	0.16	0.39	0.24	0.09	0.4	-0.33	-0.39	0.2	-0.21	-0.53
90	0.43	0.36	-0.1	0.07	0.16	-0.12	0.62	-0.16	0.26	-0.41	-0.16
95	0.2	-0.18	-0.15	-0.19	-0.18	0.95	-0.18	0.12	-0.4	-0.77	0.33
100	0.29	-0.17	0.33	0.27	0.2	0.07	-0.24	0.31	0.14	0.05	0.32
105	-0.01	0.21	0.45	-1.02	-0.46	-0.19	-0.75	0.37	0.04	-0.07	-0.14
110	-0.66	0.65	0.05	-0.24	-0.55	-0.91	-0.19	-0.1	0.54	0.84	-0.66
115	0.64	-0.41	-0.11	0.03	-0.28	0.11	-0.07	0	0.38	0.18	0.16
120	0.68	0.76	0.35	0.28	0.92	0.81	0.23	0.45	0.36	0.89	0.68
125	0.47	0.62	0.68	0.43	0.28	0.18	0.15	0.1	0.22	1.43	0.15
130	-0.12	0.82	0.73	0.98	0.87	0.27	1.16	1.41	0.95	1.68	0.44

# Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24	Report	Filename 210805 DVP-24V-C90-C 3000K.jdt
Lamp flux (lm)	212	Current (A)	0.109	Operator	
Total flux (lm)	212	Power Factor	1	Date	2021-08-05 오후 3:24:09

## Luminous Intensity Data (Continued)

Maximum (cd) : 805

Minimum (cd) : -1

G/C	165	170	175	180	185	190	195	200	205	210	215
0	692.23	691.27	693.1	740.13	732.27	733.58	727.12	729.21	721.91	728.41	720.22
5	503.79	512.45	507.37	804.87	794.9	798.38	798.53	795.74	792.75	791.72	791.4
10	286.75	294.67	291.56	720.86	717.62	711.14	712.79	706.53	710.31	705.75	709.34
15	133.95	137.8	137.76	533.35	538.02	529.99	536.15	531.08	536.9	530.65	536.64
20	56.42	60.59	59.4	309.3	315.53	306.56	314.59	307.04	310.49	303.9	309.66
25	25.14	26.62	26.58	148.24	149.97	146.35	147.32	142.57	144.26	139.04	140.85
30	11.41	13.03	12.84	63.8	64.8	63.15	64.15	60.84	61.54	59.88	61.42
35	4.29	5.15	5.09	29.19	30.68	29.22	29.16	28.16	27.9	28.23	28.74
40	1.82	1.89	2.77	14.1	15.28	14.45	13.28	12.83	13.41	13.92	13.42
45	1	0.81	0.67	6.36	5.85	5.78	6.11	5.71	5.7	5.56	5.72
50	0.78	1.27	0.09	3	2.42	2.3	2.22	1.45	1.85	2.46	2.26
55	0.62	0.5	0.83	0.23	0.58	0.9	0.27	1.25	1.78	0.43	1.57
60	0.13	0.15	-0.31	1.01	0.71	0.76	1.05	1.02	0.68	0.48	0.4
65	0.34	0.18	-0.14	0.83	0.7	-0.15	1.34	0.48	0.81	0.11	0.75
70	0.13	-0.05	0.13	-0.17	-0.37	0.1	-0.07	0.39	-0.15	-0.02	0.13
75	-0.08	0.01	0.04	0.42	0.32	0.06	0.38	0.09	0.28	0.54	-0.17
80	-0.27	-0.6	-0.11	-0.21	-0.32	-0.03	0.79	0.31	0.04	0.37	-0.03
85	-0.24	0.78	-0.23	-0.02	0.15	-0.3	0.12	-0.19	0.1	-0.71	-0.29
90	0.36	0.26	0.03	0.56	0.5	0.49	1.03	-0.18	-0.39	0.16	0.09
95	0.12	0.67	-0.37	0.02	0.32	-0.17	-0.5	-0.35	-0.22	0.31	-0.06
100	-0.09	-0.23	-0.09	0.12	0.25	0.01	0.33	0.3	0.34	0.18	0.27
105	0.49	0.56	0.39	-0.31	-0.24	-0.2	0.05	0.05	0.53	-0.09	-0.32
110	0.79	-0.19	-0.35	-0.16	-0.02	0.51	0.06	0.13	-0.62	0.22	0.2
115	-0.19	0.43	0.62	0.17	-0.2	0.2	0.27	0.07	-0.48	0.28	0.42
120	-0.05	-0.28	0.63	0.37	0.05	0.21	-0.27	0.37	0.68	0.1	-0.05
125	-0.39	0.38	0.47	-0.22	0.61	0.35	0.41	-0.24	0.2	-0.34	-0.49
130	0.69	0.96	0.04	0.43	0.07	0.02	0.42	0.71	0.54	0.46	0.44



## Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24	Report	Filename 210805 DVP-24V-C90-C 3000K.jdt
Lamp flux (lm)	212	Current (A)	0.109	Operator	
Total flux (lm)	212	Power Factor	1	Date	2021-08-05 오후 3:24:09

## Luminous Intensity Data (Continued)

Maximum (cd) : 805

Minimum (cd) : -1

G/C	220	225	230	235	240	245	250	255	260	265	270
0	722.18	710.22	717.99	710.66	714.29	708.62	710.34	705.8	710.8	709.1	707.14
5	784.69	792.83	788.22	786.89	786.58	782.26	782.15	781.6	780.13	782.32	785.07
10	702.33	710.4	705.21	706.8	701.98	708	706.4	709.38	709.57	710.46	707.79
15	534.87	539.96	537.41	542.57	537.48	543.84	541.26	546.39	539.45	547.36	545.53
20	303.85	312.42	310.52	315.09	311.77	318.91	315.76	324.32	321.16	330.96	325.87
25	137.66	141.68	137.79	145.84	143.32	148.71	147.82	154.77	151.64	158.57	154.95
30	59.67	62.88	61.67	64.38	63.76	67.78	67.46	71.15	71.21	73.84	73.1
35	28.09	30.2	28.71	31.33	31.66	33.44	32.64	35.06	34.49	36.48	35.82
40	12.78	13.23	12.72	14.35	14.67	14.47	13.41	15.07	14.96	15.84	15.44
45	5.76	6.22	5.75	5.88	6.03	6.58	7.47	6.21	6.68	6.58	6.59
50	1.64	2.28	1.84	2.37	2.13	2.52	2.44	2.82	2.45	3.27	3.4
55	0.93	1.31	0.22	1.66	1.57	1.08	1	1.16	1.23	1.02	1.08
60	0.46	1.52	0.64	0.37	0.77	0.62	0.7	0.46	0.28	1.37	0.49
65	1.09	0.42	0.96	0.33	0.55	0.68	0.19	1.03	0.59	0.49	0.61
70	0.03	0.74	0.51	0.23	0.6	0.43	0.84	0.49	0.1	0.17	0.13
75	0.6	0.34	-0.25	0.14	-0.32	-0.37	0.15	0.61	0.32	-0.3	-0.37
80	0.66	0.83	-0.01	0.44	-0.15	0.09	-0.44	0.23	-0.2	0.22	0.27
85	-0.68	0	-0.09	-0.19	0.47	-0.28	-0.22	0	-0.29	-0.38	0.18
90	-0.21	-0.07	-0.86	-0.33	-0.49	-0.31	-0.7	0.31	0	0.54	0.31
95	0.57	-0.09	0.02	-0.25	0.59	-0.65	-0.06	0.34	-0.33	-0.29	-0.05
100	-0.79	-0.1	-0.09	-0.37	0.09	-0.45	0.69	-0.73	-0.05	-0.14	-0.09
105	0.84	0.04	0.28	0.01	0.2	-0.04	-0.89	-0.27	1.03	-0.48	0.69
110	0.25	-0.66	-0.3	-0.33	0.56	0.25	0.18	-0.05	0.2	0.35	-0.13
115	0.07	-0.69	0.04	-0.36	-0.4	0.26	-0.67	0.16	0.1	0.05	0.45
120	0.47	-0.01	-0.01	-0.04	0.12	-0.13	-0.32	0.33	0.43	-0.04	0.24
125	0.45	0.61	0.85	-0.1	0.3	-0.21	0.53	0.86	-0.08	-0.18	0.01
130	0.23	0.26	-0.12	0.47	0.1	0.24	0.4	0.16	0.53	0.14	0.46

## Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24	Report	Filename 210805 DVP-24V-C90-C 3000K.jdt
Lamp flux (lm)	212	Current (A)	0.109	Operator	
Total flux (lm)	212	Power Factor	1	Date	2021-08-05 오후 3:24:09

## Luminous Intensity Data (Continued)

Maximum (cd) : 805

Minimum (cd) : -1

G/C	275	280	285	290	295	300	305	310	315	320	325
0	704.23	705.95	700.2	705.77	704.29	704.8	697.81	700.97	695.49	698.58	694.86
5	778.28	780.59	779.65	779.23	778.72	778.61	776.75	778.65	773.46	776.96	775.88
10	710.99	708.13	714.96	714.06	717.8	714.49	719.12	711.12	718.28	716.37	716.25
15	549.65	546.57	555.3	549.19	553.94	554.86	551.04	545.36	555.74	550.78	557
20	331.4	322.83	328.71	321.49	325.44	319.06	327.97	317.82	324.77	319.39	325.14
25	158.08	153.09	155.84	151.49	153.55	149.42	152.22	147.01	151.55	147.8	152.38
30	74.2	72.17	72.54	70.85	71.93	70.55	72.12	69.47	71.5	70.35	71.73
35	36.7	35.49	35.97	35.09	36.67	35.68	36.99	36.2	36.33	35.84	36.02
40	15.24	14.96	14.53	14.64	15.27	14.54	15.45	14.38	14.84	14.19	14.92
45	6.57	6.35	6.74	5.97	5.78	5.57	5.97	5.77	6.09	5.63	6.57
50	2.05	3.06	2.18	2.51	2.26	2.25	2.51	2.13	2.08	2.59	2.4
55	0.92	1.21	1.35	0.68	0.76	1.62	0.62	0.22	1.16	0.5	0.68
60	0.23	0.64	0.74	0.53	0.78	0.83	0.73	1.16	-0.06	0.49	0.67
65	0.35	0.17	0.25	-0.08	0.47	0.35	0.52	0.54	-0.04	0.63	0.19
70	0.06	0.67	0.65	0.79	0.07	0.5	0.48	0.81	0.78	0.91	0.49
75	0.51	0.44	0.36	0.39	-0.71	0.42	0.52	-0.32	-0.13	0.22	0.88
80	-0.29	-0.23	0.28	0.34	0.5	0.12	-0.4	-0.42	-0.28	0.1	-0.51
85	0.56	-0.1	-0.35	0.27	-0.14	-0.6	0.37	0.62	0.41	0.5	0.49
90	0.01	-0.58	0.33	0.02	-0.01	-0.11	0.38	-0.1	-0.36	0.19	0.66
95	-0.01	-0.24	-0.41	-0.04	0.18	0.36	0.7	-0.05	0.26	-0.26	-0.03
100	-0.06	-0.23	-0.27	0.13	0.02	-0.17	0.4	0.2	0.23	0.6	0.48
105	0.33	0.04	-0.25	-0.12	0.56	0.2	0.56	-0.42	0.23	-0.09	0.17
110	-0.18	0.19	-0.06	0.01	0.14	0.13	0.01	-0.15	0.44	-0.41	0.06
115	-0.22	0.1	0.08	-0.21	0.2	0.11	0.21	0.07	0.41	0.26	0.4
120	0.28	-0.4	0.07	0.79	0.47	-0.26	0.05	-0.41	0.5	-0.22	0
125	-0.07	0.96	0.14	0.17	0.58	0.24	0.38	0.22	-0.06	0.21	-0.14
130	-0.18	0.56	0.02	0.92	0.13	1.17	-0.06	0.07	0.1	0.44	-0.08

# Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24	Report
Lamp flux (lm)	212	Current (A)	0.109	Filename 210805 DVP-24V-C90-C 3000K.jdt
Total flux (lm)	212	Power Factor	1	Operator
				Date 2021-08-05 오후 3:24:09

## Luminous Intensity Data (Continued)

Maximum (cd) : 805

Minimum (cd) : -1

G/C	330	335	340	345	350	355	360
0	699.97	692.71	694.89	692.23	691.27	693.1	740.13
5	775.41	772.47	772.22	774.56	773.45	778.22	567.57
10	714.44	714.57	714.28	716.21	715.27	711.84	339.26
15	551.51	555.96	548.17	553.41	548.24	551.36	161.84
20	320.28	330.98	322.52	330.32	326.42	332.74	75.25
25	150.15	155.19	152.04	157.88	153.52	158.8	34.67
30	69.32	71.06	69.73	71.83	70.94	73	15.19
35	34.31	34.38	33.22	33.86	32.98	33.63	6.15
40	14.01	14.56	14.05	14.3	14.07	14.78	1.79
45	6.17	5.39	6.11	5.92	5.7	6.55	1.84
50	1.89	2.45	2.31	2.34	2.54	1.97	0.52
55	1.08	1	1.16	1.65	1.63	0.9	0
60	0.93	0.75	-0.08	0.92	0.57	0.32	0.03
65	0.42	0.52	0.46	0.29	0.44	0.37	-0.18
70	0.61	0.82	0.38	0.44	1.08	0.44	0.33
75	-0.06	0.05	0.4	0.38	-0.14	1.1	-0.35
80	0.32	0.31	-0.32	-0.33	0.2	0.16	-0.27
85	0.01	-0.55	-0.02	0.38	0.61	0.08	0.03
90	-0.52	0.01	0.45	-0.16	1.09	0.5	0.04
95	-0.22	0.2	-0.28	0.3	-0.09	0.66	-0.6
100	-0.19	0.56	0.38	0.26	-0.29	-0.19	-0.65
105	0.22	-0.14	-0.54	-0.22	-0.31	0.28	0.42
110	0.1	0.78	-0.24	0.5	-0.3	0.01	-0.29
115	-0.03	0.13	-0.26	-0.69	0.14	-0.03	0.11
120	0.24	0.15	0.27	0.26	0.53	-0.09	-0.37
125	0.06	0.64	-0.14	0.35	-0.15	-0.25	-0.5
130	0.42	0.13	0.17	-0.34	-0.33	-0.26	0.23

## Luminaire

### Lamp

No. of lamps	1	Voltage (V)	24	Report	
Lamp flux (lm)	212	Current (A)	0.109	Filename	210805 DVP-24V-C90-C 3000K.jdt
Total flux (lm)	212	Power Factor	1	Operator	
				Date	2021-08-05 오후 3:24:09

## Luminous Flux Table

Total Lamp Lumens:	212
Luminaire Efficiency (lm/W):	211.60
CIE Classification:	Direct

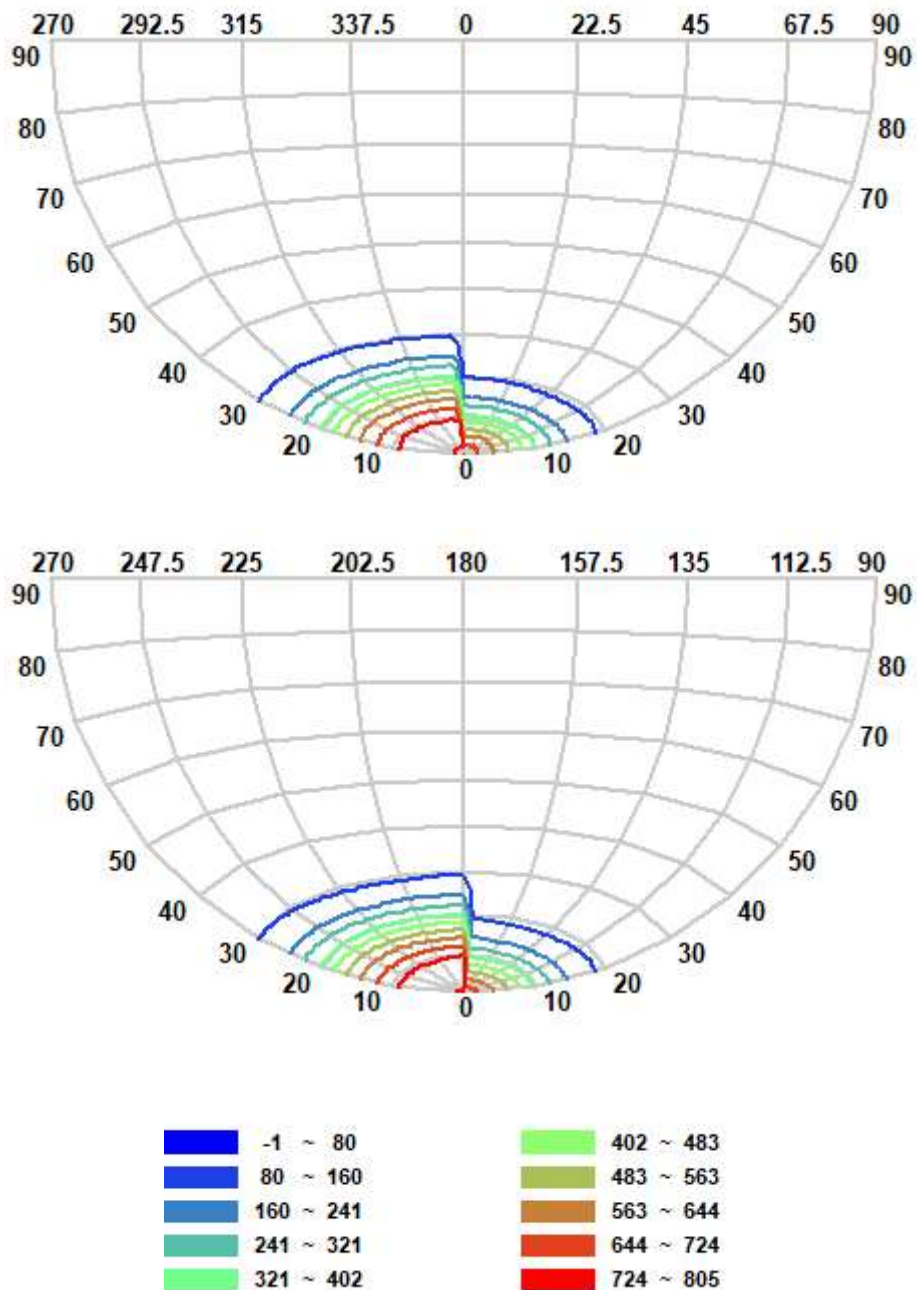
Elevation	Lumens	Cumulative	Lamp %	Luminaire %
0	4.24	4.24	2.00	2.00
5	31.49	35.73	16.89	16.89
10	48.58	84.31	39.84	39.84
15	48.46	132.77	62.75	62.75
20	35.38	168.15	79.47	79.47
25	20.33	188.48	89.07	89.07
30	10.98	199.46	94.26	94.26
35	5.98	205.43	97.09	97.09
40	2.90	208.33	98.46	98.46
45	1.35	209.68	99.09	99.09
50	0.63	210.31	99.39	99.39
55	0.35	210.66	99.56	99.56
60	0.23	210.89	99.66	99.66
65	0.14	211.03	99.73	99.73
70	0.13	211.17	99.79	99.79
75	0.05	211.21	99.82	99.82
80	-0.02	211.19	99.81	99.81
85	-0.02	211.17	99.80	99.80
90	0.00	211.18	99.80	99.80
95	-0.02	211.16	99.79	99.79
100	0.03	211.19	99.80	99.80
105	0.02	211.20	99.81	99.81
110	0.01	211.21	99.82	99.82
115	0.02	211.23	99.83	99.83
120	0.12	211.35	99.88	99.88
125	0.15	211.50	99.95	99.95
130	0.10	211.60	100.00	100.00

Luminaire

Lamp

No. of lamps	1	Voltage (V)	24	Report	Filename 210805 DVP-24V-C90-C 3000K.jdt
Lamp flux (lm)	212	Current (A)	0.109	Operator	
Total flux (lm)	212	Power Factor	1	Date	2021-08-05 오후 3:24:09

## IsoCandela (Type C)



Luminaire

Lamp

No. of lamps 1

Voltage (V) 24

Report

Filename 210805 DVP-24V-C90-C 3000K.jdt

Lamp flux (lm) 212

Current (A) 0.109

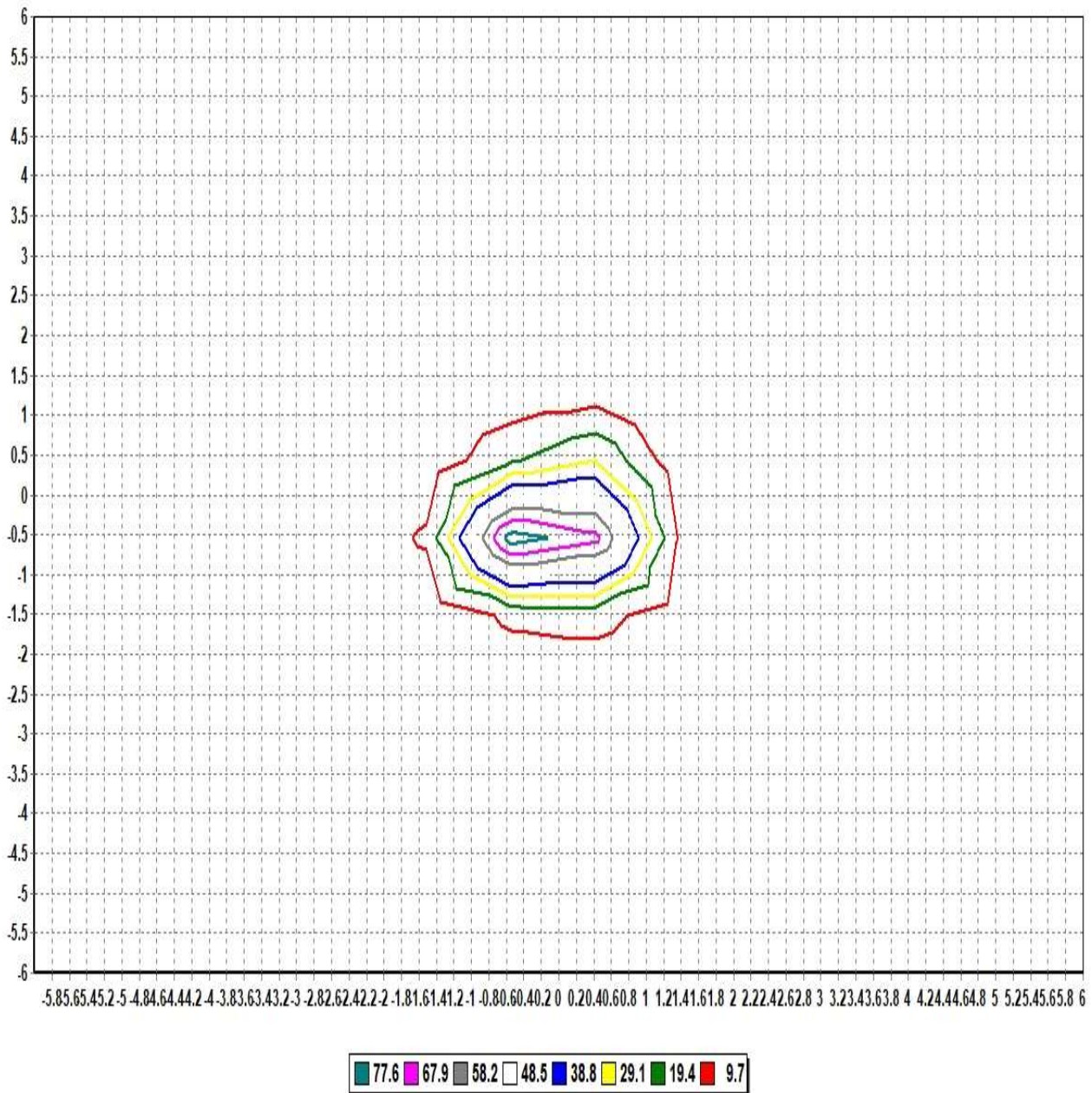
Operator

Total flux (lm) 212

Power Factor 1

Date 2021-08-05 오후 3:24:09

## IsoLux Diagram (Ground)



Pole Height (m): 2.7

Area Width (m): 12

Total Optical Solution Provider



Luminaire

Lamp

No. of lamps 1

Voltage (V) 24

Report

Filename 210805 DVP-24V-C90-C 3000K.jdt

Lamp flux (lm) 212

Current (A) 0.109

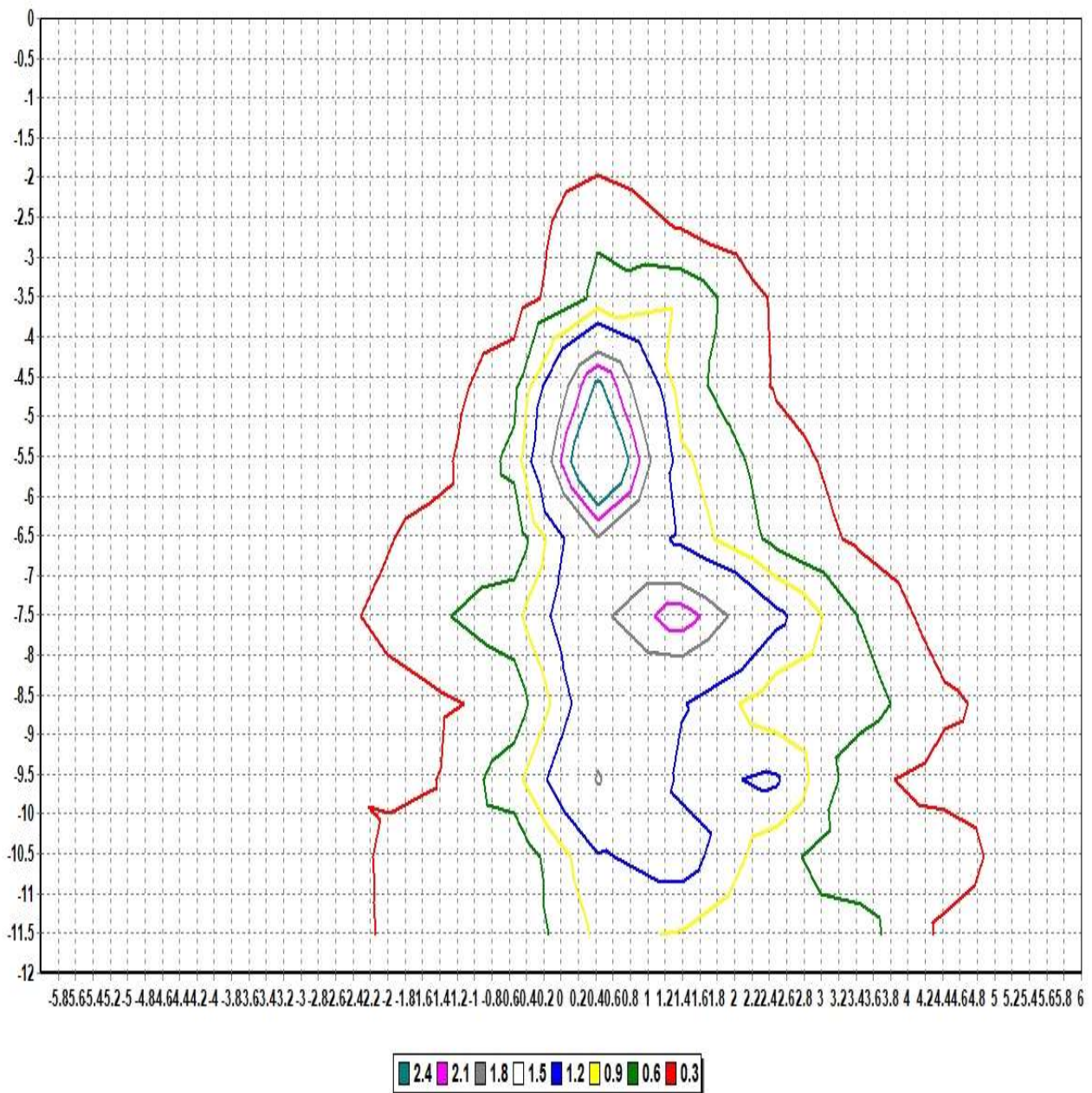
Operator

Total flux (lm) 212

Power Factor 1

Date 2021-08-05 오후 3:24:09

## IsoLux Diagram (Wall)



Pole Height (m): 2.7

Wall Distance (m): 2.7

Aiming Plane: 0

Wall Height (m): 12

Total Optical Solution Provider



## Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	212	Current (A)	0.109
Total flux (lm)	212	Power Factor	1

## Report

Filename 210805 DVP-24V-C90-C 3000K.jdt

Operator

Date 2021-08-05 오후 3:24:09

## Illuminance Levels (Ground)

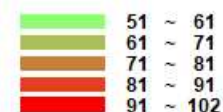
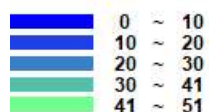
6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	-0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.00
3.00	0.00	0.00	0.00	0.01	0.02	0.02	0.03	0.00	0.01	0.01	0.01	0.01	0.00
2.00	0.00	0.00	0.01	0.02	0.09	0.11	0.77	0.14	0.07	0.02	0.01	0.00	0.00
1.00	0.00	0.01	0.01	0.02	0.15	1.54	15.42	1.81	0.14	0.02	0.01	0.01	0.00
0.00	0.01	0.01	0.06	0.18	3.79	58.69	101.53	17.67	0.88	0.04	0.01	0.00	0.00
-1.00	0.01	0.01	0.04	0.08	0.89	9.53	60.10	10.41	0.99	0.10	0.04	0.02	0.01
-2.00	0.01	0.01	0.02	0.05	0.51	1.00	4.39	1.03	0.57	0.04	0.02	0.00	0.00
-3.00	0.00	0.01	0.01	0.03	0.03	0.11	0.19	0.10	0.04	0.01	0.01	0.01	0.00
-4.00	0.00	0.01	0.01	0.01	0.02	0.04	0.07	0.04	0.01	0.02	0.00	0.00	0.00
-5.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00
-6.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-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.) : 102

Illum. (Min.) : -0.01

Illum. (Avg.) : 1.74

All illuminance level values are in lux.





Luminaire

Lamp

No. of lamps 1

Voltage (V) 24

Report

Filename 210805 DVP-24V-C90-C 3000K.jdt

Lamp flux (lm) 212

Current (A) 0.109

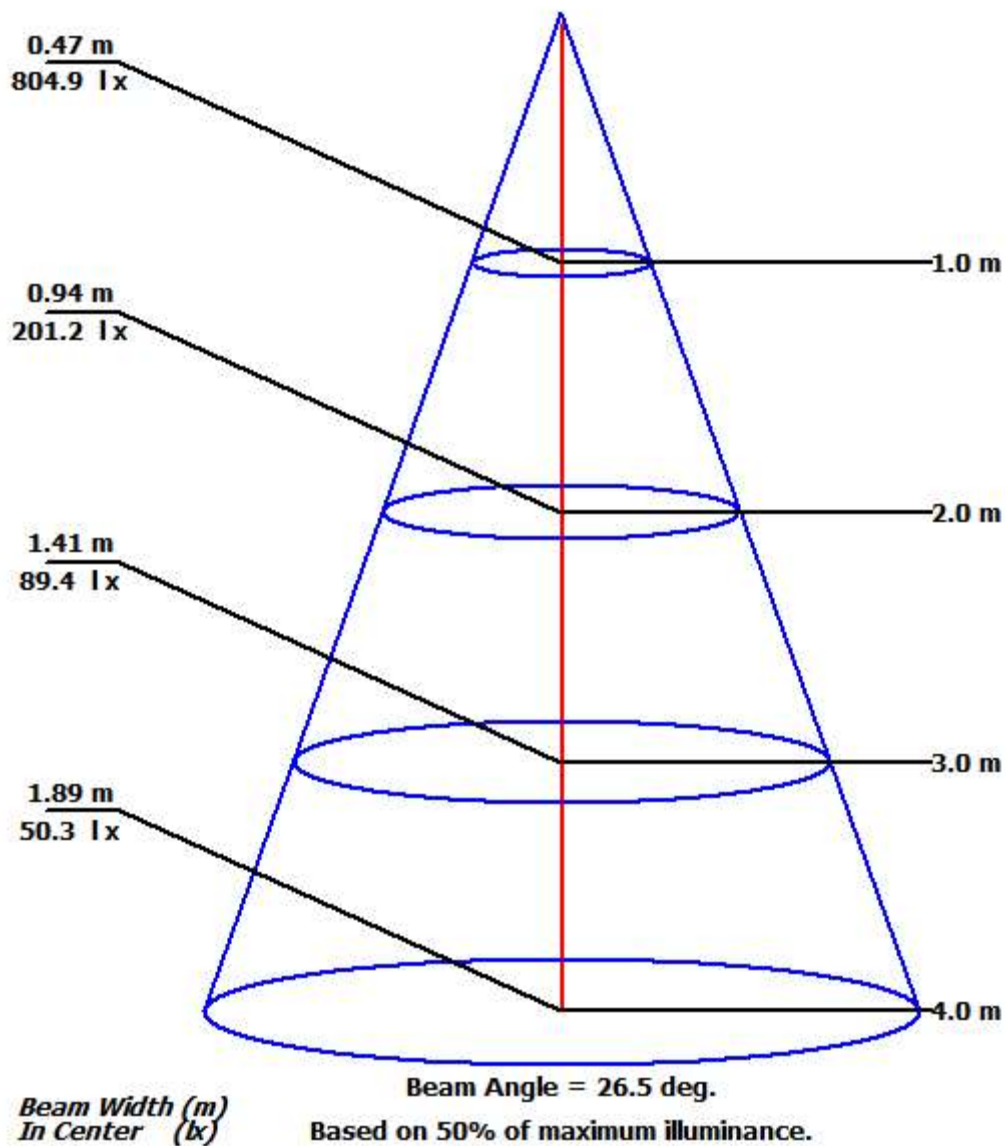
Operator

Total flux (lm) 212

Power Factor 1

Date 2021-08-05 오후 3:24:09

## Illuminance Cone Diagram





## Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	212	Current (A)	0.109
Total flux (lm)	212	Power Factor	1

## Report

Filename 210805 DVP-24V-C90-C 3000K.jdt

Operator

Date 2021-08-05 오후 3:24:09

## 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		0.85	0.85	0.85	0.83	0.83	0.83	0.79	0.79	0.79	0.76	0.76	0.76	0.73	0.73	0.73	0.71
Room CR 1		0.81	0.79	0.78	0.79	0.78	0.77	0.76	0.75	0.75	0.74	0.73	0.72	0.71	0.71	0.70	0.69
Room CR 2		0.77	0.75	0.73	0.76	0.74	0.72	0.74	0.72	0.71	0.72	0.70	0.69	0.70	0.69	0.68	0.67
Room CR 3		0.74	0.71	0.69	0.73	0.70	0.69	0.71	0.69	0.68	0.69	0.68	0.66	0.68	0.67	0.65	0.65
Room CR 4		0.71	0.68	0.66	0.70	0.68	0.66	0.69	0.67	0.65	0.67	0.66	0.64	0.66	0.65	0.63	0.63
Room CR 5		0.68	0.65	0.63	0.68	0.65	0.63	0.67	0.64	0.62	0.65	0.63	0.62	0.64	0.63	0.61	0.61
Room CR 6		0.66	0.63	0.61	0.66	0.63	0.61	0.65	0.62	0.60	0.64	0.62	0.60	0.63	0.61	0.60	0.59
Room CR 7		0.64	0.61	0.59	0.63	0.61	0.59	0.63	0.60	0.58	0.62	0.60	0.58	0.61	0.59	0.58	0.57
Room CR 8		0.62	0.59	0.57	0.62	0.59	0.57	0.61	0.58	0.57	0.60	0.58	0.56	0.60	0.58	0.56	0.56
Room CR 9		0.60	0.57	0.55	0.60	0.57	0.55	0.59	0.57	0.55	0.59	0.57	0.55	0.58	0.56	0.55	0.54
Room CR 10		0.59	0.56	0.54	0.58	0.56	0.54	0.58	0.55	0.54	0.57	0.55	0.53	0.57	0.55	0.53	0.53

