

# 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 4000K**5. Test Period :** 210805 ~ 210805**6. Test Environment**

\* Ambient Temp. : 28.1 +- 3 °C  
\* Relative Humidity : 61.4 +- 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		0.3902 , 0.3892	
Correlated Color Temperature	K	3846	
Ra		82.11	
Power Factor		1.000	
Input Voltage	V	24.000	
Input Current	A	0.110	
Input Watt	W	2.63	
Lamp Flux	lm	279.2	
Efficient	lm/W	105.76	
luminous Intensity (Max , Center)	cd	1019 , 1019	
Illuminance	lx	1019	1 m
		255	2 m
		113	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
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

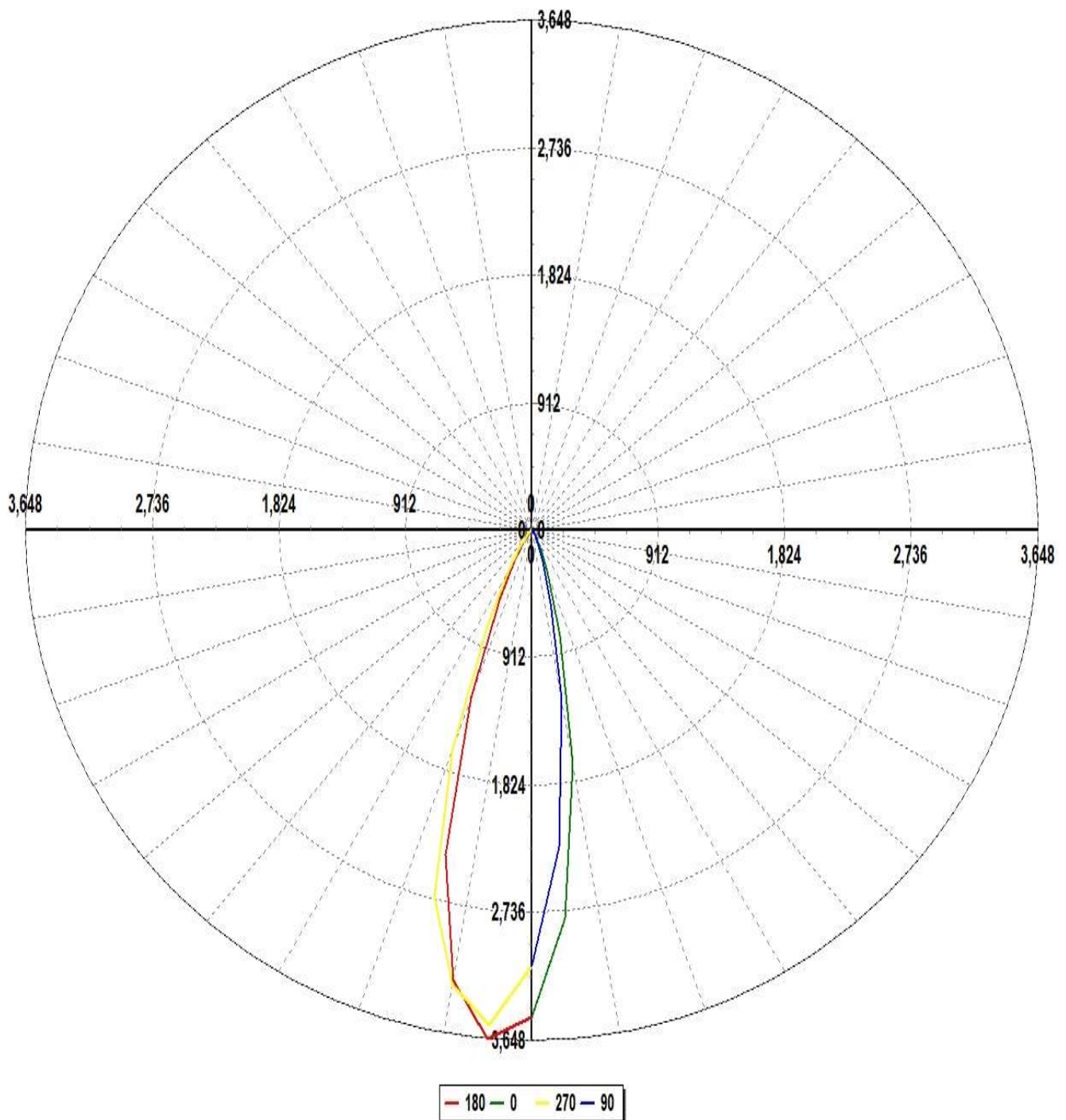
Report

Filename DVP-24V-C90-C 4000K.jdt

Operator

Date 2021-08-05 오후 4:48:10

## Luminous Intensity Distribution



Luminaire

Lamp

No. of lamps 1

Voltage (V) 24

Lamp flux (lm) 279

Current (A) 0.11

Total flux (lm) 279

Power Factor 1

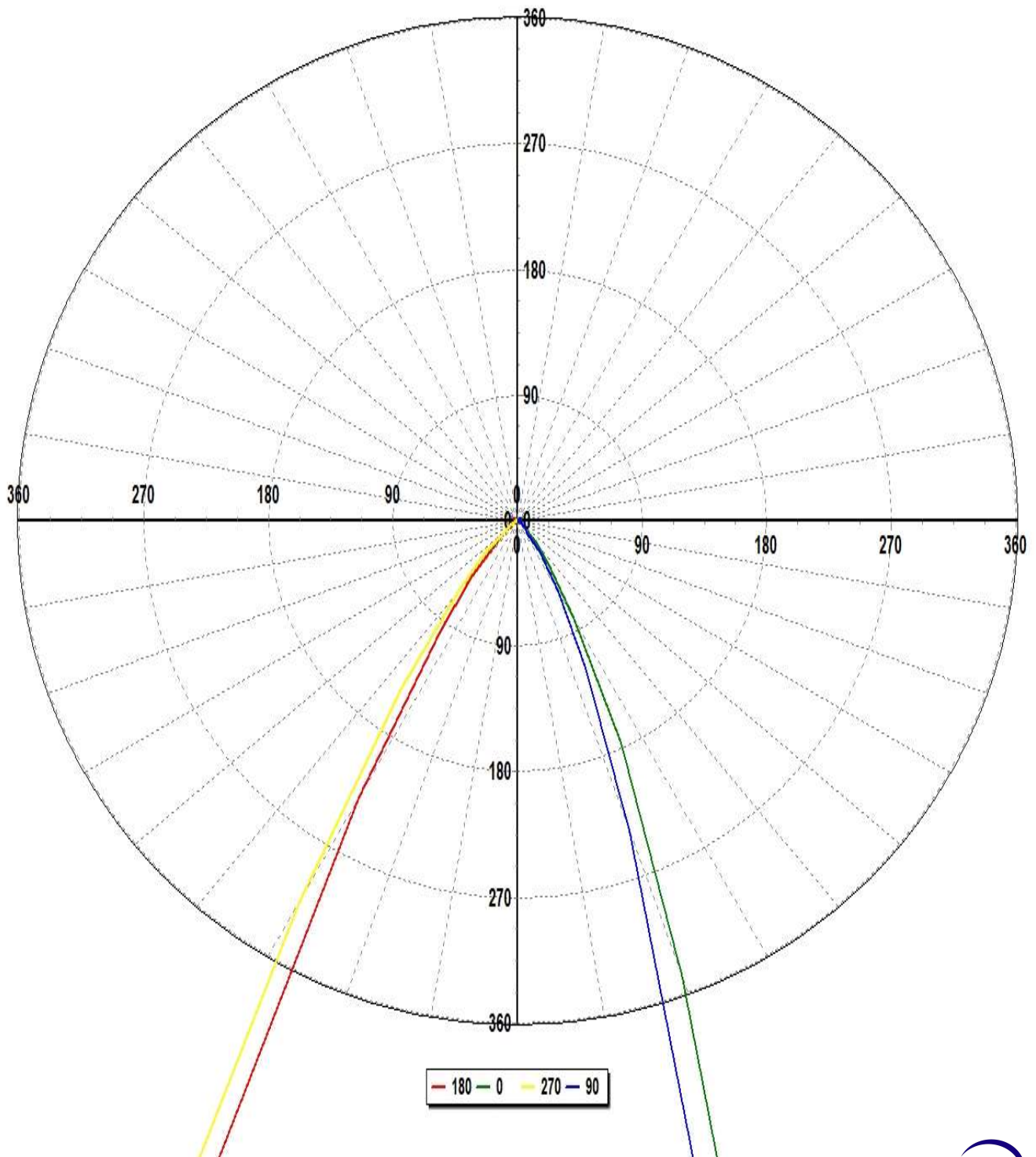
Report

Filename DVP-24V-C90-C 4000K.jdt

Operator

Date 2021-08-05 오후 4:48:10

## Luminous Intensity Distribution (Lowest 10%)



Total Optical Solution Provider

# Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

## Report

Filename	DVP-24V-C90-C 4000K.jdt
Operator	
Date	2021-08-05 오후 4:48:10

# Luminous Intensity Data

Maximum (cd) : 1019

Minimum (cd) : -1

G/C	0	5	10	15	20	25	30	35	40	45
0	973.14	966.45	962.14	957.56	958.33	951.83	951.32	938.62	934.81	924.07
5	777.15	767.33	769.29	760.04	765.49	756.13	757.04	741.1	733.86	711.76
10	471.94	458.74	462.89	454.46	462.27	451.14	458.57	437.48	439.42	417.56
15	218.09	209.23	213.54	207.18	214.22	209.96	215.43	204.11	205.83	193.57
20	96.83	92.26	92.84	89.23	93.4	91.79	95.62	92.18	93.18	89
25	49.28	47.15	47.68	46.37	47.4	46.79	48.14	45.34	46.06	44.72
30	22.3	21.49	22.5	21.73	23.04	22.37	23.51	23.03	23.95	22.85
35	11	10.65	9.6	9.85	10.77	10.57	11.49	10.91	11.31	11.17
40	5.72	4.66	4.74	4.43	4.6	5.37	4.92	3.68	4.54	4.87
45	2.51	2.14	2.28	2.56	2.09	1.89	2.4	2.21	2.73	1.7
50	1.49	1.26	1.23	1.18	1.33	1.76	1.1	1.16	0.89	1.27
55	0.04	1.48	0.58	0.59	0.78	1.57	1.15	0.69	0.58	0.84
60	0.28	1.48	0.47	0.54	0.72	0.43	0.95	0.23	1.03	0.45
65	0.71	-0.55	0.8	0.03	0.45	-0.12	0.22	0.09	0.67	-0.05
70	-0.09	0.29	-0.29	0.31	0.08	-0.12	0.6	-0.05	-0.17	0.21
75	0.18	-0.43	0.2	-0.27	-0.29	-0.36	0.11	-0.03	-0.38	-0.54
80	-0.46	-0.9	-0.37	-0.2	-0.83	-0.05	0.49	-0.02	0.08	0.07
85	-0.09	0.68	-0.08	0.73	0.24	0.19	0.36	0.09	-0.31	-0.5
90	0.57	0.42	-0.05	0.54	0.2	-0.01	0.07	0.29	-0.17	-0.03
95	0.26	-0.13	-0.43	0	-0.72	-0.09	-0.13	-0.18	0.32	0.13
100	0.29	-0.06	0.11	-0.23	0.32	-0.06	-0.16	-0.05	-0.36	0.53
105	-0.02	0.62	0.03	0.32	-0.3	0.17	-0.47	-0.5	0.5	0.13
110	0.49	0.13	0.14	-0.57	0.31	0.51	0.51	0.2	0.18	0.21
115	0.23	0.76	-0.07	-0.47	-0.26	0.29	0.61	0	0.44	-0.22
120	0.82	0.19	0.53	0.13	0.37	0.55	0.72	1.23	1.18	0.51
125	0.8	1	0.85	0.6	1.17	0.37	0.04	0.98	0.41	0.58
130	1.03	1.13	0.62	1.21	0.56	1.53	0.57	0.45	0.57	1.24

# Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

## Report

Filename	DVP-24V-C90-C 4000K.jdt
Operator	
Date	2021-08-05 오후 4:48:10

## Luminous Intensity Data (Continued)

Maximum (cd) : 1019

Minimum (cd) : -1

G/C	50	55	60	65	70	75	80	85	90	95
0	918.69	903.43	906.65	889.7	887.36	884.48	883.51	873.34	869.96	865.27
5	705	684.37	684.26	666.2	666.6	649.35	650.29	635.75	635.31	620.43
10	415.12	395.61	393.42	375.27	376.02	358.08	360.17	342.85	341.29	330.33
15	194.4	184.3	182.89	172.95	169.29	159.52	158.04	147.85	149.02	140.73
20	89.27	84.47	84.67	78.45	77.26	71.77	70.2	66.05	66.18	64.56
25	43.97	41.87	41.87	38.73	38.3	35.62	34.89	33.19	32.53	31.12
30	23.99	23.44	21.79	20.08	19.51	18.6	17.91	16.07	16.2	15.06
35	11.3	10.55	10.2	9.68	9.38	9.37	8.95	8.59	7.59	7.38
40	4.41	4.48	3.44	3.4	3.79	3.82	3.47	3.41	2.99	2.81
45	2.18	1.73	1.21	1.49	2	1.1	1.33	1.48	2.13	0.99
50	1.28	1.32	1.27	0.52	0.9	1.48	0.73	1.14	1.08	1.05
55	0.87	0.51	0.28	1.39	0.78	0.56	1.32	0.76	0.8	1.08
60	0.87	0.57	0.91	0.55	-0.19	0.2	1.18	0.76	0.6	-0.81
65	0.9	-0.05	-0.05	0.08	-0.41	-0.65	0.17	-0.22	-0.25	0.29
70	0.18	-0.65	-0.08	0.91	-0.15	0.22	-0.04	-0.58	-0.06	0.02
75	-0.27	0.02	-0.16	0.36	-0.28	-0.25	0.4	-0.01	-0.42	0.49
80	0.62	0.01	-0.03	-0.25	-0.01	-0.08	-0.82	0.02	-0.11	-0.27
85	-0.02	0.07	-0.24	0.1	0.12	0.14	-0.26	0.31	0.03	-0.28
90	0.89	-0.3	-0.8	-0.17	0.48	-0.07	0.07	-0.11	0.29	-0.31
95	-0.38	0.05	0.19	0.23	0.63	0.6	0.15	0.06	0.37	-0.42
100	0.08	-0.06	0.42	0.22	0.52	-0.47	-0.09	0.94	-0.08	0.58
105	0.04	0.24	0.23	0.27	-0.03	0.1	0.18	0.1	0.08	0.29
110	-0.12	-0.08	0.87	-0.03	-0.28	0.51	0.36	0.18	-0.1	0.34
115	-0.12	0.16	0.14	0.17	-0.57	0.19	0.49	0.02	-0.42	0.59
120	0.72	0.6	0.6	-0.01	-0.22	0.13	0.61	0.66	-0.21	0.51
125	1.01	0.43	0.15	0.78	0.53	0.73	0.2	0.36	0.79	1.36
130	0.99	0.69	0.87	0.31	1.16	1.25	1.42	1.07	0.82	0.69

# Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

## Report

Filename	DVP-24V-C90-C 4000K.jdt
Operator	
Date	2021-08-05 오후 4:48:10

## Luminous Intensity Data (Continued)

Maximum (cd) : 1019

Minimum (cd) : -1

G/C	100	105	110	115	120	125	130	135	140	145
0	868.41	867	865.38	852.26	852.83	839.85	839.74	833.7	834.68	833.12
5	624.82	604.06	611.53	593.94	599.65	579.37	581.54	567.64	573.64	567.17
10	332.15	319.85	326.5	314.18	316.13	301.86	304.53	296.24	303.32	299.2
15	141.86	137.74	139.27	135.75	137.96	133.82	136.42	132.56	137.46	133.38
20	63.31	61.44	62.4	61.83	61.48	59.11	60.67	59.41	60.32	58.34
25	30.65	30.05	30.57	29.07	29.62	29.91	30.79	30.34	30.81	30.02
30	15.79	15	14.76	15.86	14.83	14.29	14.26	13.7	16.72	15.25
35	7.19	6.62	6.95	5.78	5.59	5.13	5.2	4.9	5.63	5.23
40	3.47	3.18	2.66	2.36	2.73	2.61	2.94	2.67	2.36	2.03
45	0.76	1.32	1.83	1.01	0.98	1.46	1.61	1.97	1.53	1.41
50	1.18	0.15	0.81	1.77	0.75	1.04	0.69	0.89	0.49	0.57
55	0.59	0.77	0.62	0.36	1.03	0.25	0.51	0.81	0.57	0.89
60	0.67	0.33	0.68	-0.05	-0.14	0.54	-0.03	0.33	-0.02	0.21
65	-0.04	0.23	-0.19	0.15	-0.45	0.02	0.08	-0.3	-0.75	0.7
70	0.4	-0.47	0.09	0.25	-0.33	-0.2	0.09	-0.02	0.08	0.05
75	-0.4	-0.4	0.17	0.57	-0.04	-0.41	-0.12	0.24	-0.06	0.35
80	-0.1	0.27	0.19	0.09	-0.77	0.3	0.14	0.22	-0.21	-0.07
85	0.29	0.13	0.41	-0.01	-0.16	-0.34	-0.1	0.12	0.07	0.34
90	-0.13	-0.04	-0.51	-0.27	0.39	0.26	-0.29	-0.06	0.08	-0.32
95	-0.53	0.52	-0.14	0.02	-0.42	0.03	-0.13	0.57	-0.12	0.38
100	0.73	0.36	0	-0.18	0.04	-0.19	0.36	0.06	0.05	0.15
105	-0.29	-0.05	-0.29	0.27	0.1	-0.03	0.66	-0.46	0.25	-0.54
110	0.11	0.66	0.52	0.16	0.47	0.22	0.14	0.65	0.58	-0.05
115	-0.12	0.37	0.35	0.33	0.1	0.79	0.53	0.69	0.22	0.28
120	0.4	-0.01	0.34	0.13	0.59	0.16	0.48	0.49	0.09	0.46
125	0.44	0.7	-0.44	0.75	0.68	0.21	0.63	0.36	1.24	0.79
130	1.21	1.21	1.31	1.09	0.67	1.11	1.47	1.3	1.57	1.28

## Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

## Report

Filename	DVP-24V-C90-C 4000K.jdt
Operator	
Date	2021-08-05 오후 4:48:10

## Luminous Intensity Data (Continued)

Maximum (cd) : 1019

Minimum (cd) : -1

G/C	150	155	160	165	170	175	180	185	190	195
0	845.34	839.32	850.05	853.07	865.97	870.72	973.14	966.45	962.14	957.56
5	580.58	581.03	594.56	593.77	625	628.76	1018.51	1017.88	1011.31	1007.19
10	305.69	301.16	314.08	315.42	335.35	337.08	912.05	915.34	909.38	910.29
15	137.29	135.87	138.32	139.51	147.72	147.99	671.34	669.45	661.22	667.98
20	59.91	58.92	60.34	59.49	62.61	62.13	354.32	361.64	354.71	361.53
25	29.81	29.04	29.02	27.66	29.24	27.94	150.65	155.5	151.52	156.83
30	14.57	13.11	13.76	13.54	14.3	13.95	63.83	65.42	63.32	65.26
35	4.78	4.53	5.29	5.77	5.63	5.87	27.54	28.24	27.44	27.36
40	2.34	1.79	2.61	2.21	2.81	2.29	14.58	14.48	13.61	14.2
45	1.66	1.63	1.51	0.83	1.62	0.8	5.44	5.79	6.14	6
50	0.56	0.58	1.06	0.88	1.33	1.44	2.79	2.63	2.2	3.28
55	0.16	0.73	0.36	0.26	0.87	-0.27	1.51	1.22	1.32	1.39
60	0.81	0.3	0.35	0.03	0.42	0.27	0.46	0.75	0.61	0.14
65	-0.13	-0.88	-0.06	-0.23	0.33	0.45	0.73	0.22	0.86	0.55
70	-0.75	0.44	-1.03	0.26	0.03	-0.69	-0.05	0.27	0.47	0.86
75	0.17	-0.01	0.91	-0.37	-0.27	0.34	-0.42	0.13	-0.29	0.44
80	0.55	0.19	-0.01	-0.44	-0.09	-0.13	0.72	0.03	0.47	0.14
85	0.02	0.4	-0.47	0.01	-0.51	-0.32	0.37	0.22	-0.14	-0.08
90	-0.12	-0.05	0.15	0.17	0.4	-0.29	-0.26	-0.66	0.21	0.52
95	0.51	-0.12	-0.15	-1.11	0.91	-0.34	0.67	0.25	0.63	-0.25
100	0.01	0.35	0.18	0.68	-0.05	0.21	0.23	0.31	0.43	0.05
105	0.21	-0.2	0.51	0.38	0.66	0.67	-0.02	0.69	0.29	0.69
110	0.69	0.49	0.03	-0.27	-0.44	0.89	0.15	0.27	-0.24	-0.21
115	0.41	0.41	0.45	0.45	0.48	0.14	0.39	0.69	0.86	-0.51
120	0.11	0.7	0.62	0.42	0.02	0.45	-0.29	0.31	-0.59	0.03
125	0.55	-0.04	1	0.97	0.86	0.46	1.05	0.64	0.5	0.35
130	0.78	1.73	0.52	0.85	1.02	1.48	-0.04	0.22	0.48	-0.12



# Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

## Report

Filename	DVP-24V-C90-C 4000K.jdt
Operator	
Date	2021-08-05 오후 4:48:10

## Luminous Intensity Data (Continued)

Maximum (cd) : 1019

Minimum (cd) : -1

G/C	200	205	210	215	220	225	230	235	240	245
0	958.33	951.83	951.32	938.62	934.81	924.07	918.69	903.43	906.65	889.7
5	1008.39	1003.83	1001.15	1001.41	999.76	994.36	993.9	992.89	994.89	987.3
10	900.27	898.6	894.77	897.73	887.8	910.17	905.53	915.36	916.99	922.28
15	656.1	657.19	652.42	663.38	670.98	692.44	697.83	714.44	718.16	731.5
20	353.03	357.51	354.16	370.86	378.29	399.84	404.73	425.63	425.99	442.15
25	151.16	156.68	155.95	166.26	170.24	183.49	187.26	198.97	199.16	206.24
30	63.58	65.42	65.63	70.59	73.25	78.67	81.07	86.18	86.19	89.48
35	27.23	28.83	27.88	30.64	32.24	34.94	36.37	39.15	38.68	39.26
40	14.07	14.15	14.2	14.95	15.12	17.38	18.41	19.87	19.52	19.06
45	5.86	5.46	6.05	6.58	6.44	6.97	7.55	7.97	8.42	8.89
50	2.7	2.9	3.03	3.01	3.93	3.07	3.84	3.56	2.83	3.55
55	1.48	1.47	0.76	0.8	0.77	0.87	0.98	1.63	1.49	2.11
60	0.56	0.75	0.62	1.31	0.99	0.83	0.52	1	1.12	0.78
65	0.84	1.14	1.73	0.19	1.58	0.9	0.75	0.65	1.41	1.01
70	0.27	0.13	0.53	0.38	0.57	0.04	0.43	0.28	0.66	0.34
75	0.39	0.15	-0.47	-0.43	0.06	0.22	-0.61	-0.47	-0.24	-0.1
80	0.23	0.53	0.48	-0.88	-0.01	0.5	-0.5	-0.35	0.7	0.11
85	-0.03	0.28	-0.1	0.25	0.08	0.1	-0.52	-0.31	-0.3	0.44
90	0.2	0.04	0.95	0	-0.21	0.64	-0.07	0.47	0.01	0.08
95	-0.25	0.51	0.35	0.59	0.23	0.43	0.02	-0.43	0.61	-0.2
100	-0.02	-0.01	-0.4	-0.32	0.08	-0.43	0.16	-0.25	0.7	-0.03
105	0.26	0.2	-0.34	0.21	-0.42	0.59	-0.17	0.17	-0.12	0.18
110	-0.27	0.25	0.01	0.09	-0.44	0.12	0.32	-0.12	-0.44	0.69
115	0.64	-0.57	0.43	0.7	-0.13	0.34	0.27	-0.12	0.12	-0.26
120	0.11	-0.1	-0.24	-0.14	0.19	-0.14	-0.29	0.3	0.51	-0.22
125	0.44	0.64	-0.02	0.83	0.62	0.22	0.33	0.21	0.41	0.51
130	0.33	0.03	-0.54	0.41	0.15	0.51	-0.1	0.09	0.73	0.4

# Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

## Report

Filename	DVP-24V-C90-C 4000K.jdt
Operator	
Date	2021-08-05 오후 4:48:10

## Luminous Intensity Data (Continued)

Maximum (cd) : 1019

Minimum (cd) : -1

G/C	250	255	260	265	270	275	280	285	290	295
0	887.36	884.48	883.51	873.34	869.96	865.27	868.41	867	865.38	852.26
5	991.15	994.89	986.01	985.88	991.63	983.24	980.91	983.54	983.38	983.49
10	912.8	921.05	916.81	927.98	922.34	927.97	924.97	928.49	930.82	930.75
15	739.04	741.89	749.73	762.48	756.02	770.74	769.46	785.34	781.77	787.55
20	438.36	449.96	453.29	469.15	464.77	479.57	476.67	491.89	487.66	500.43
25	203.75	213.72	206.69	214.67	211.85	220.27	219.5	229.06	230.33	241.86
30	86.24	87.77	85.9	89.32	88.07	91.46	91.73	95.59	95.71	101.1
35	38.22	38.63	38.91	41.2	40.99	43.47	43.83	46.33	45.92	48.48
40	19.11	18.76	18.55	19.34	18.68	19.52	19.82	19.99	20.5	20.92
45	8.72	9.15	9.08	8.82	9.63	8.78	8.88	10.16	9.94	10.5
50	3.14	4	3.21	4.01	3.64	3.96	3.96	4.43	4.02	4.47
55	1.24	1.15	1.67	1.28	1.79	1.74	2.31	2.17	2.03	2.24
60	0.83	1	0.61	1.02	1.03	1.2	0.93	1.1	1.28	0.82
65	0.69	1.01	0.6	1.45	1.18	0.44	0.16	0.92	0.19	1.79
70	-0.02	0.31	0.8	0.42	0.66	0.17	-0.16	0.77	0.67	0.33
75	-0.13	-0.29	0.08	0.32	0.25	0.41	0.02	0	0.56	-0.07
80	0.14	0.18	0.19	-0.23	-0.22	-0.38	0.15	0.22	-0.45	-0.18
85	0.1	-1.19	-0.18	0.44	0.38	0.21	-0.45	0.5	0.41	0.55
90	0.98	0.18	-0.22	-0.03	0.33	0.01	-0.34	-0.27	-0.15	0.47
95	0.23	0.1	0.42	0.38	-0.1	-0.31	0.65	0.35	0.07	-0.45
100	0.1	-0.08	0.23	0.37	0.26	0.17	-0.37	-0.03	0.26	-0.31
105	-0.33	0.16	0.12	0.68	0.21	0	0.15	0.2	0.46	0.15
110	0.7	0.12	-0.08	0.11	-0.08	0.97	-0.08	0.41	0.31	0.52
115	0.63	0.01	0.03	0.35	-0.02	0.19	0.18	0.69	0.06	-0.07
120	-0.07	-0.26	-0.18	0.28	0.07	0.06	0.34	-0.07	0.32	-0.01
125	0.61	0.9	0.06	0.78	0.33	0.59	0.24	0.15	0.01	-0.2
130	-0.28	0.55	-0.07	0.47	0.48	-0.44	0.66	0.29	0.49	0.57

# Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

## Report

Filename	DVP-24V-C90-C 4000K.jdt
Operator	
Date	2021-08-05 오후 4:48:10

## Luminous Intensity Data (Continued)

Maximum (cd) : 1019

Minimum (cd) : -1

G/C	300	305	310	315	320	325	330	335	340	345
0	852.83	839.85	839.74	833.7	834.68	833.12	845.34	839.32	850.05	853.07
5	980.25	975.24	977.2	970.65	973.64	968.56	970.68	964.94	970.32	967.5
10	932.46	940.1	939.04	945.11	943.38	950.59	938.88	938.04	937.06	933.89
15	791.19	799.46	795.3	803.93	797.1	797.78	776.29	779.79	764.92	759.85
20	508.11	523.53	522.05	536.97	523.04	531.57	512.13	506.43	488.46	477.14
25	245.75	261.02	262.29	275.36	266.35	267.23	256.29	251.46	236.29	228.34
30	104.44	112.72	114.75	121.72	118.77	119.35	114.69	113.43	105.09	99.96
35	50.31	53.6	54.86	57.57	57.73	57.75	55.16	55.19	52.96	50.29
40	22.92	24.47	25.76	28.5	27.82	28.84	27	26.29	24.28	23.38
45	10.36	11.58	11.37	12.75	13.26	13.91	12.69	12.47	11.6	11.28
50	4.86	5.67	5.19	6.24	5.6	5.91	5.9	6.09	5.74	5.98
55	2.06	2.47	2.43	2.32	2.4	2.58	2.72	3.3	1.97	2.04
60	1.34	0.35	1.24	1.03	0.51	1.23	0.85	1.55	1.09	1.23
65	1.23	0.91	0.28	0.9	0.57	0.7	0.73	1.46	1.21	0.7
70	1.02	0.29	0.37	0.27	0.77	0.09	0.51	1.14	0.13	0.62
75	-0.03	-0.29	-0.07	0.85	0.62	-0.77	0.29	0.36	0.7	-0.02
80	0.04	0.04	-0.08	-0.38	0.19	-0.12	-0.32	0.41	0.52	-0.32
85	0.09	-0.17	0.82	0.16	0.27	0.38	-0.11	-0.11	-0.25	0.16
90	0.64	0.09	-0.21	-0.1	0.47	-0.1	-0.24	0.29	-0.34	0.34
95	-0.28	-0.18	-0.49	0.14	0.8	0.13	-0.77	-0.08	0.11	0
100	0.24	-0.14	-0.27	-0.49	0.2	-0.64	0.12	-0.58	-0.43	-1
105	0.27	0.29	0.58	0.02	-0.41	1.01	0.03	-0.5	-0.23	-0.61
110	-0.36	0.01	-0.19	-0.46	0.11	-0.27	0.13	0.42	0.48	0.24
115	0.07	0.07	0	0.39	-0.29	-0.28	-0.75	-0.62	0.47	0.09
120	-0.42	0.1	-0.19	-0.26	0.11	0.22	-0.11	-0.28	0	0.29
125	-0.4	0.53	0.84	-0.26	0.06	0.67	0.66	-0.31	0.7	0.52
130	-0.06	-0.35	0.8	0.38	-0.56	-0.26	-0.3	-0.23	0.81	0.11

# Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

## Report

Filename	DVP-24V-C90-C 4000K.jdt
Operator	
Date	2021-08-05 오후 4:48:10

## Luminous Intensity Data (Continued)

Maximum (cd) : 1019

Minimum (cd) : -1

G/C	350	355	360
0	865.97	870.72	973.14
5	973.06	970.43	777.15
10	920.62	919.46	471.94
15	740.02	732.55	218.09
20	448.07	442.04	96.83
25	209.13	205.82	49.28
30	92.21	89.71	22.3
35	47.07	45.8	11
40	20.95	21.42	5.72
45	10.68	10.32	2.51
50	4.8	5.15	1.49
55	1.97	2.66	0.04
60	0.9	1.23	0.28
65	1.01	1.27	0.71
70	0.11	0.92	-0.09
75	0.71	-0.05	0.18
80	-0.57	-0.08	-0.46
85	-0.13	-0.56	-0.09
90	0.14	0.04	0.57
95	-0.06	0.03	0.26
100	-0.53	0.11	0.29
105	0.26	0.01	-0.02
110	0	0.07	0.49
115	0.06	0.65	0.23
120	0.4	0.12	0.82
125	-0.46	-0.21	0.8
130	0.12	-0.32	1.03

## Luminaire

### Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

### Report

Filename	DVP-24V-C90-C 4000K.jdt
Operator	
Date	2021-08-05 오후 4:48:10

## Luminous Flux Table

Total Lamp Lumens:	279
Luminaire Efficiency (lm/W):	279.18
CIE Classification:	Direct

Elevation	Lumens	Cumulative	Lamp %	Luminaire %
0	5.32	5.32	1.90	1.90
5	39.28	44.60	15.97	15.98
10	61.35	105.95	37.95	37.95
15	63.98	169.92	60.86	60.87
20	48.76	218.68	78.33	78.33
25	28.51	247.20	88.54	88.55
30	14.81	262.01	93.84	93.85
35	7.86	269.87	96.66	96.67
40	4.14	274.01	98.14	98.15
45	2.10	276.10	98.89	98.90
50	1.09	277.19	99.28	99.29
55	0.56	277.75	99.48	99.49
60	0.32	278.07	99.60	99.60
65	0.23	278.30	99.68	99.69
70	0.10	278.40	99.71	99.72
75	0.00	278.41	99.72	99.72
80	-0.02	278.39	99.71	99.72
85	0.02	278.41	99.72	99.73
90	0.04	278.45	99.73	99.74
95	0.03	278.48	99.74	99.75
100	0.02	278.50	99.75	99.76
105	0.06	278.57	99.77	99.78
110	0.08	278.65	99.80	99.81
115	0.09	278.74	99.83	99.84
120	0.10	278.84	99.87	99.88
125	0.22	279.05	99.95	99.96
130	0.13	279.18	99.99	100.00

Luminaire

Lamp

No. of lamps 1

Voltage (V) 24

Report

Filename DVP-24V-C90-C 4000K.jdt

Lamp flux (lm) 279

Current (A) 0.11

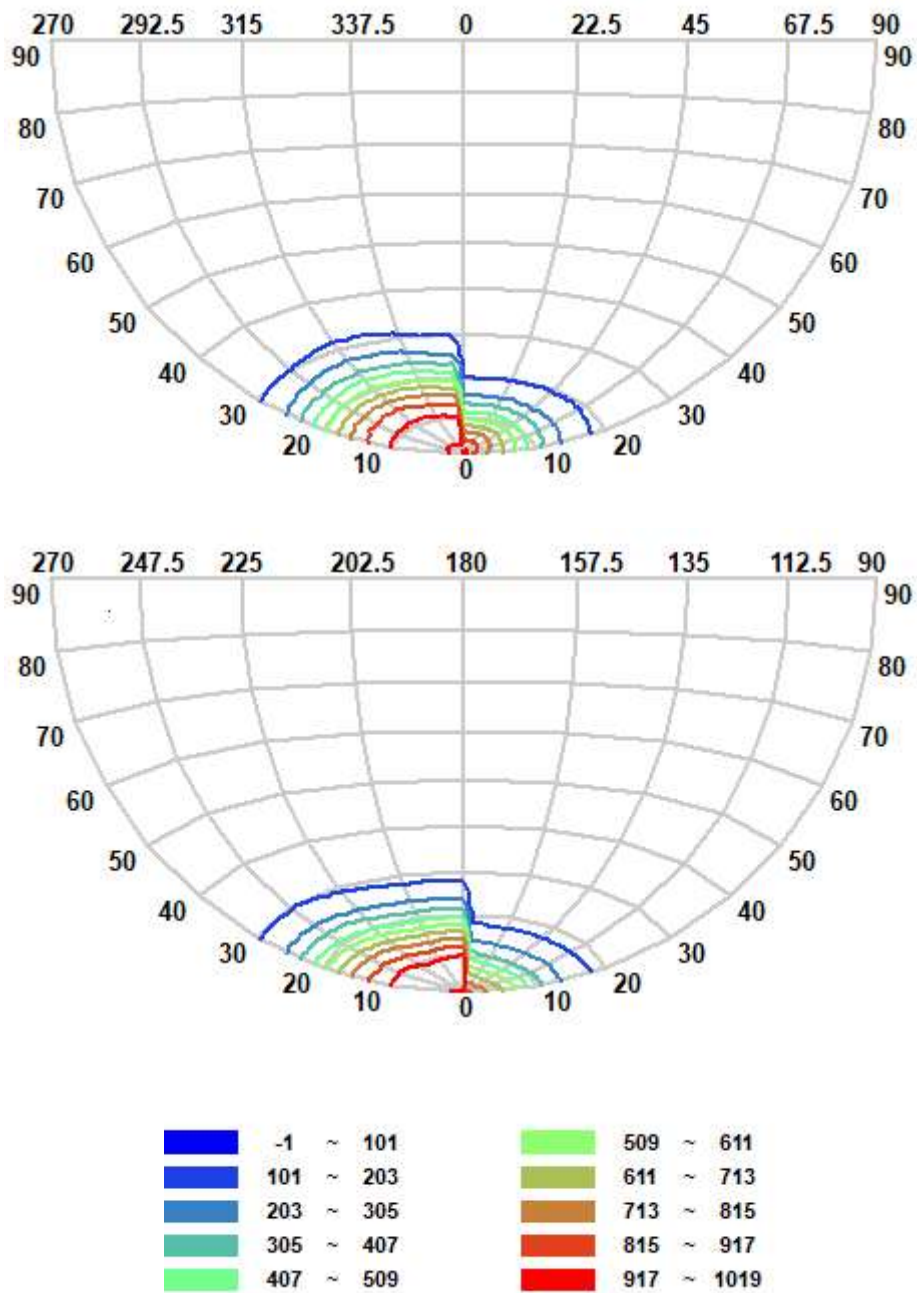
Operator

Total flux (lm) 279

Power Factor 1

Date 2021-08-05 오후 4:48:10

## IsoCandela (Type C)



Luminaire

Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

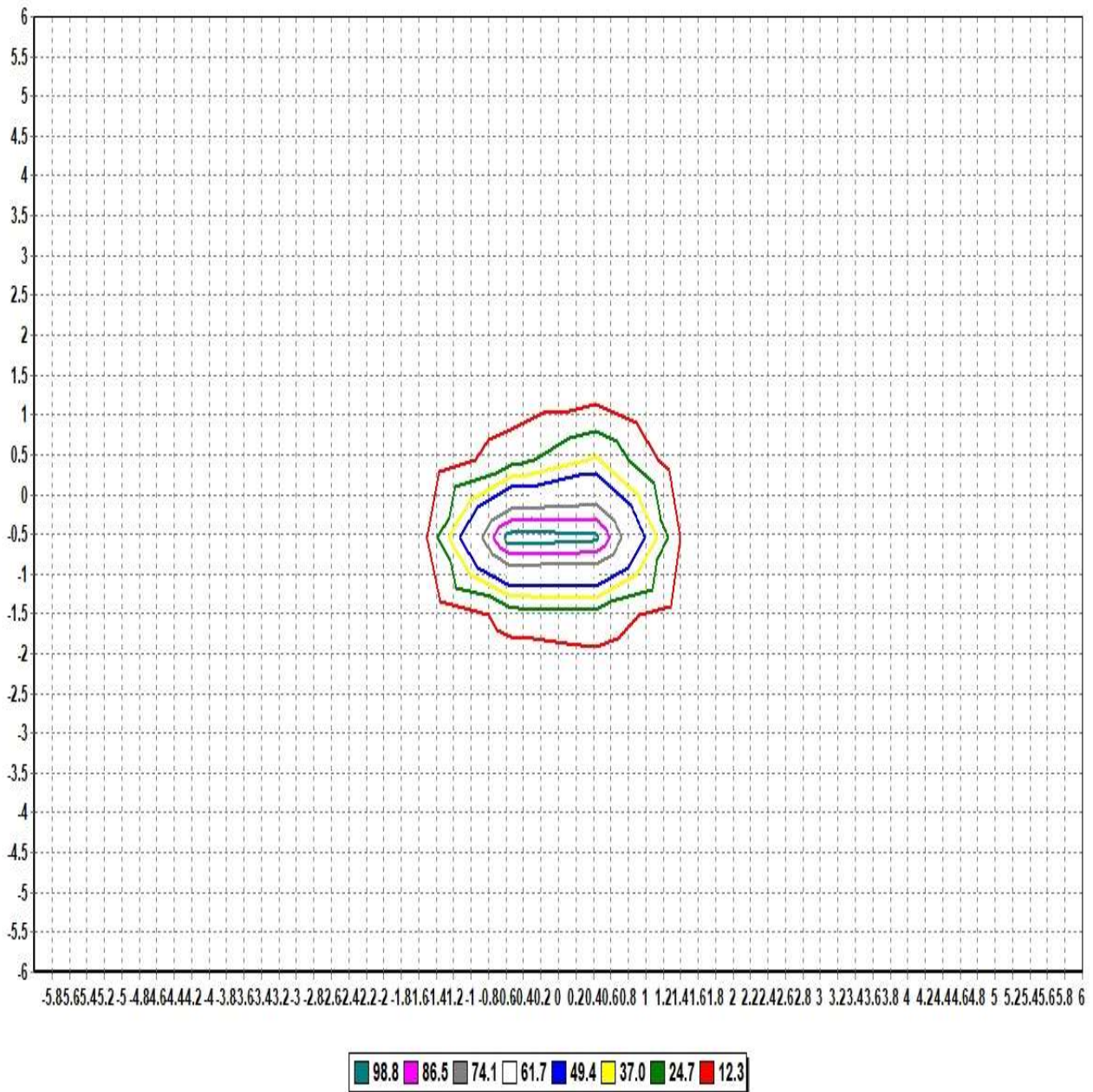
Report

Filename DVP-24V-C90-C 4000K.jdt

Operator

Date 2021-08-05 오후 4:48:10

## 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

Lamp flux (lm) 279

Current (A) 0.11

Total flux (lm) 279

Power Factor 1

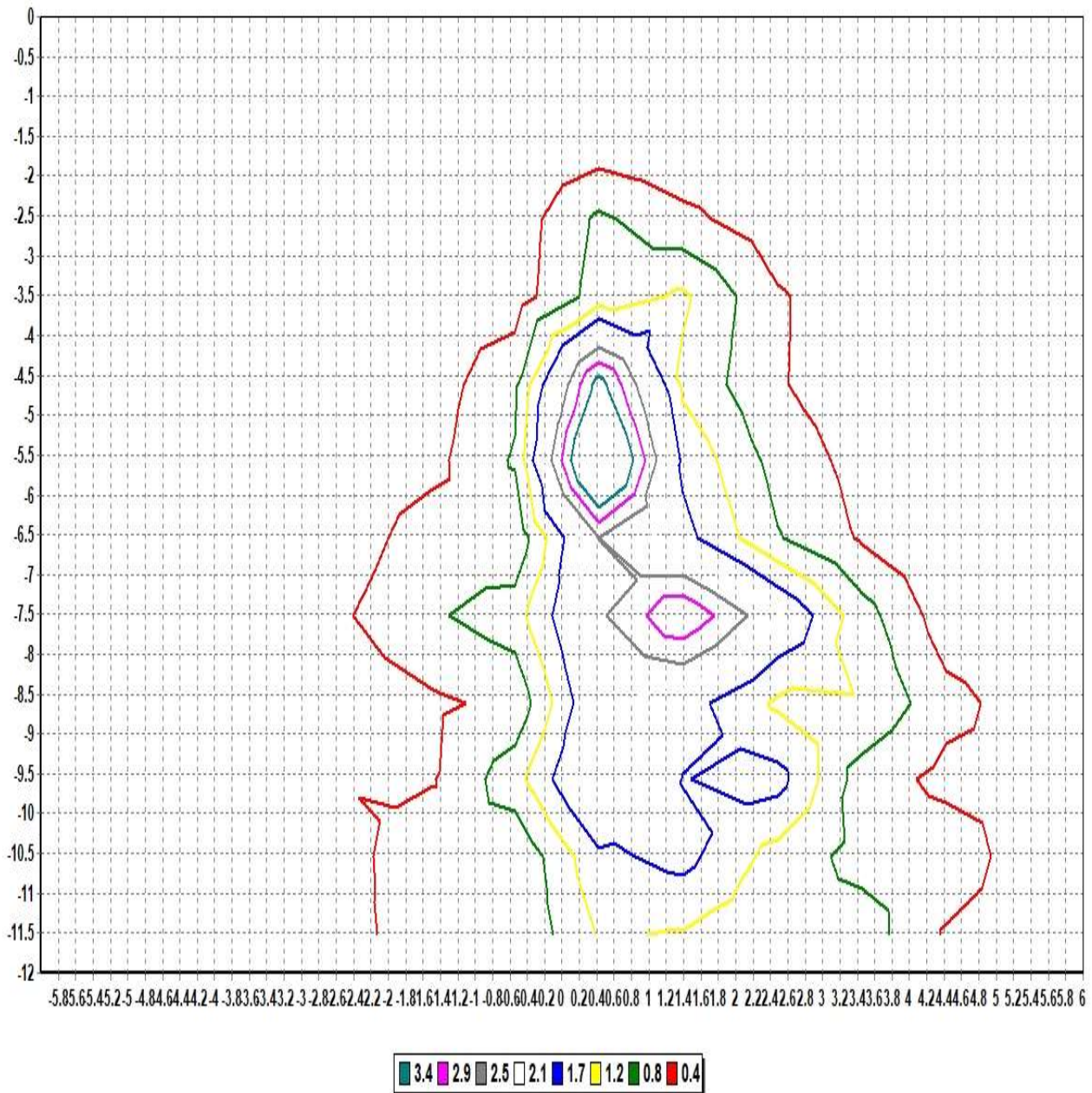
Report

Filename DVP-24V-C90-C 4000K.jdt

Operator

Date 2021-08-05 오후 4:48:10

## 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)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

## Report

Filename DVP-24V-C90-C 4000K.jdt

Operator

Date 2021-08-05 오후 4:48:10

## Illuminance Levels (Ground)

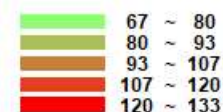
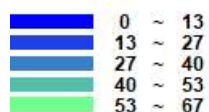
6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.00	0.00	0.00
4.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.00	0.01	0.00
3.00	0.00	0.01	0.01	0.01	0.02	0.03	0.06	0.03	0.03	0.01	0.01	0.01	0.00
2.00	0.00	0.00	0.01	0.02	0.11	0.18	0.97	0.24	0.18	0.03	0.01	0.00	0.00
1.00	0.00	0.01	0.02	0.03	0.14	2.05	16.25	3.16	0.33	0.05	0.02	0.02	0.01
0.00	0.00	0.02	0.06	0.16	3.75	73.62	133.49	23.78	1.34	0.08	0.03	0.00	0.00
-1.00	0.01	0.01	0.06	0.12	0.95	12.21	83.39	18.51	1.79	0.25	0.10	0.02	0.01
-2.00	0.00	0.01	0.02	0.05	0.66	1.30	5.24	1.41	1.10	0.11	0.03	0.02	0.01
-3.00	0.00	0.01	0.01	0.02	0.06	0.15	0.25	0.18	0.10	0.04	0.03	0.01	0.01
-4.00	0.00	0.01	0.01	0.02	0.02	0.06	0.08	0.08	0.03	0.03	0.01	0.01	0.00
-5.00	0.01	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.00
-6.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	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.) : 133

Illum. (Min.) : 0.00

Illum. (Avg.) : 2.30

All illuminance level values are in lux.



Luminaire

Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

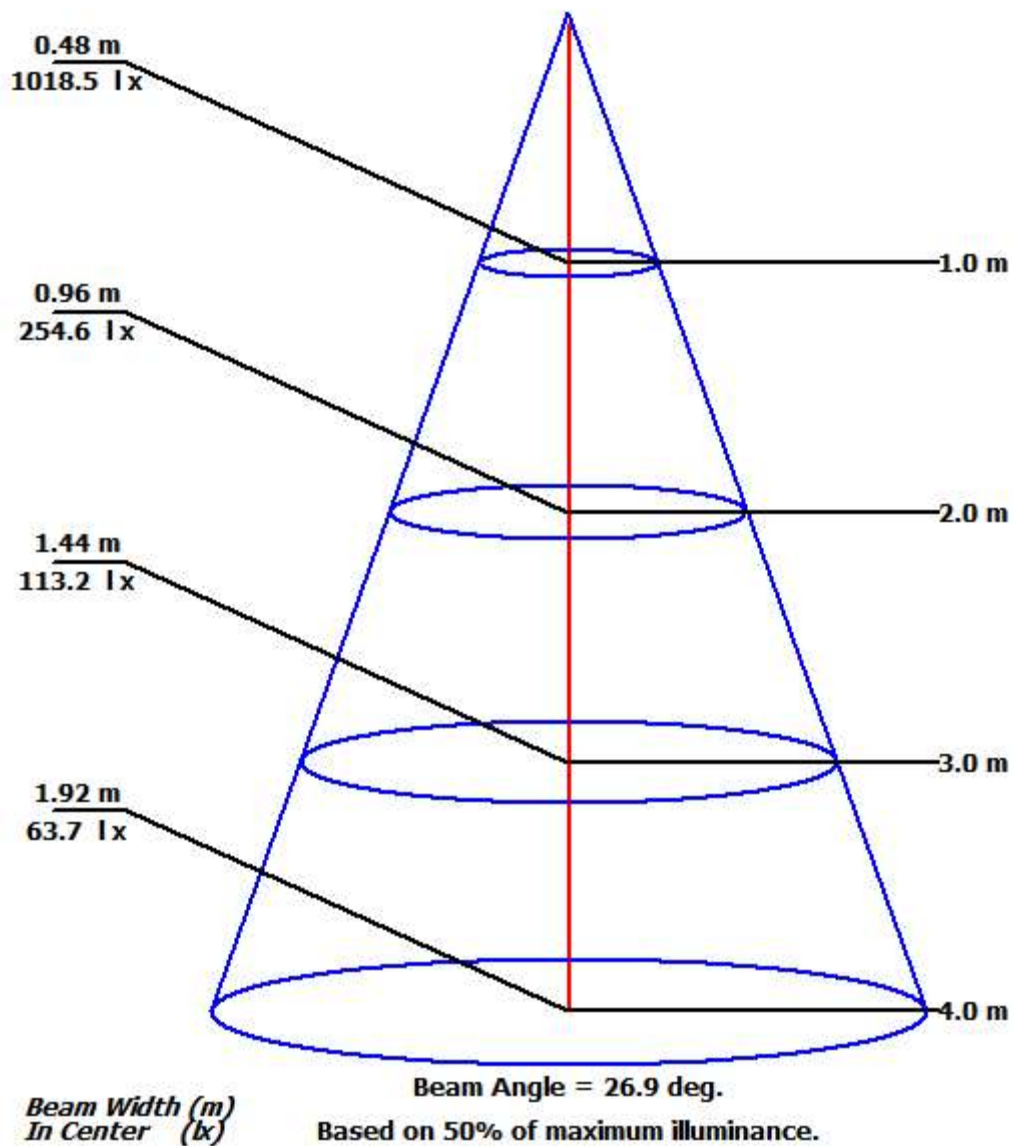
Report

Filename DVP-24V-C90-C 4000K.jdt

Operator

Date 2021-08-05 오후 4:48:10

## Illuminance Cone Diagram





## Luminaire

## Lamp

No. of lamps	1	Voltage (V)	24
Lamp flux (lm)	279	Current (A)	0.11
Total flux (lm)	279	Power Factor	1

## Report

Filename DVP-24V-C90-C 4000K.jdt

Operator

Date 2021-08-05 오후 4:48:10

## 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		0.80	0.80	0.80	0.78	0.78	0.78	0.75	0.75	0.75	0.71	0.71	0.71	0.68	0.68	0.68	0.67
Room CR 1		0.76	0.75	0.74	0.75	0.74	0.73	0.72	0.71	0.70	0.69	0.69	0.68	0.67	0.67	0.66	0.65
Room CR 2		0.73	0.71	0.69	0.71	0.70	0.68	0.69	0.68	0.67	0.67	0.66	0.65	0.65	0.65	0.64	0.63
Room CR 3		0.70	0.67	0.65	0.69	0.66	0.65	0.67	0.65	0.64	0.65	0.64	0.63	0.64	0.63	0.62	0.61
Room CR 4		0.67	0.64	0.62	0.66	0.64	0.62	0.65	0.63	0.61	0.63	0.62	0.60	0.62	0.61	0.60	0.59
Room CR 5		0.64	0.62	0.60	0.64	0.61	0.59	0.63	0.60	0.59	0.62	0.60	0.58	0.61	0.59	0.58	0.57
Room CR 6		0.62	0.59	0.57	0.62	0.59	0.57	0.61	0.58	0.57	0.60	0.58	0.56	0.59	0.57	0.56	0.55
Room CR 7		0.60	0.57	0.55	0.60	0.57	0.55	0.59	0.57	0.55	0.58	0.56	0.55	0.58	0.56	0.54	0.54
Room CR 8		0.58	0.56	0.54	0.58	0.55	0.54	0.57	0.55	0.53	0.57	0.55	0.53	0.56	0.54	0.53	0.52
Room CR 9		0.57	0.54	0.52	0.56	0.54	0.52	0.56	0.54	0.52	0.55	0.53	0.52	0.55	0.53	0.52	0.51
Room CR 10		0.55	0.52	0.51	0.55	0.52	0.51	0.54	0.52	0.50	0.54	0.52	0.50	0.54	0.52	0.50	0.50

