

# 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 : 20260324

## 2. Purpose of Report :

## 3. Number of Report : KH FEELUX

## 4. Test Standard / Item : / 260324 DVS4A 30K-24V-SW-WT-45-C90\_F2602\_VER4.03\_COBL9

## 5. Test Period : 260324 ~ 260324

## 6. Test Environment

\* Ambient Temp. : 25.0 +- 3 °C  
 \* Relative Humidity : 60.0 +- 10 % RH

## 7. Test Item

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

## 8. Test Result : Refer to the attachment

Confirmation	Test by		Technical manager	
	김정도	Sign	김정도	Sign

\*\*\*\*\*

- \* 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).

## Result

Report Number	Sample Name	Sample Number	Test Standard
KH FEELUX			

Test Item	Unit	Result	Notice
Beam Distribution Test		See Attachement	
ATHD	%	0.0	
CIE 1931 Cx, Cy		0.4364 , 0.4042	
Correlated Color Temperature	K	3012	
Ra		94.05	
Power Factor		1.000	
Input Voltage	V	23.971	
Input Current	A	0.187	
Input Watt	W	4.4837	
Lamp Flux	lm	341.7	
Efficient	lm/W	76.21	
luminous Intensity (Max , Center)	cd	547 , 547	
Illuminance	lx	547	1 m
		137	2 m
		61	3 m

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

\* Sample photo

[Click to load image](#)

Luminaire KH FEELUX

Lamp

Report

KH FEELUX

No. of lamps 1

Filename: 260324 DVS4A 30K-24V-SW-WT-45-C90\_F2602\_VER4.03\_COBL9.jdt

Lamp flux (lm) 342

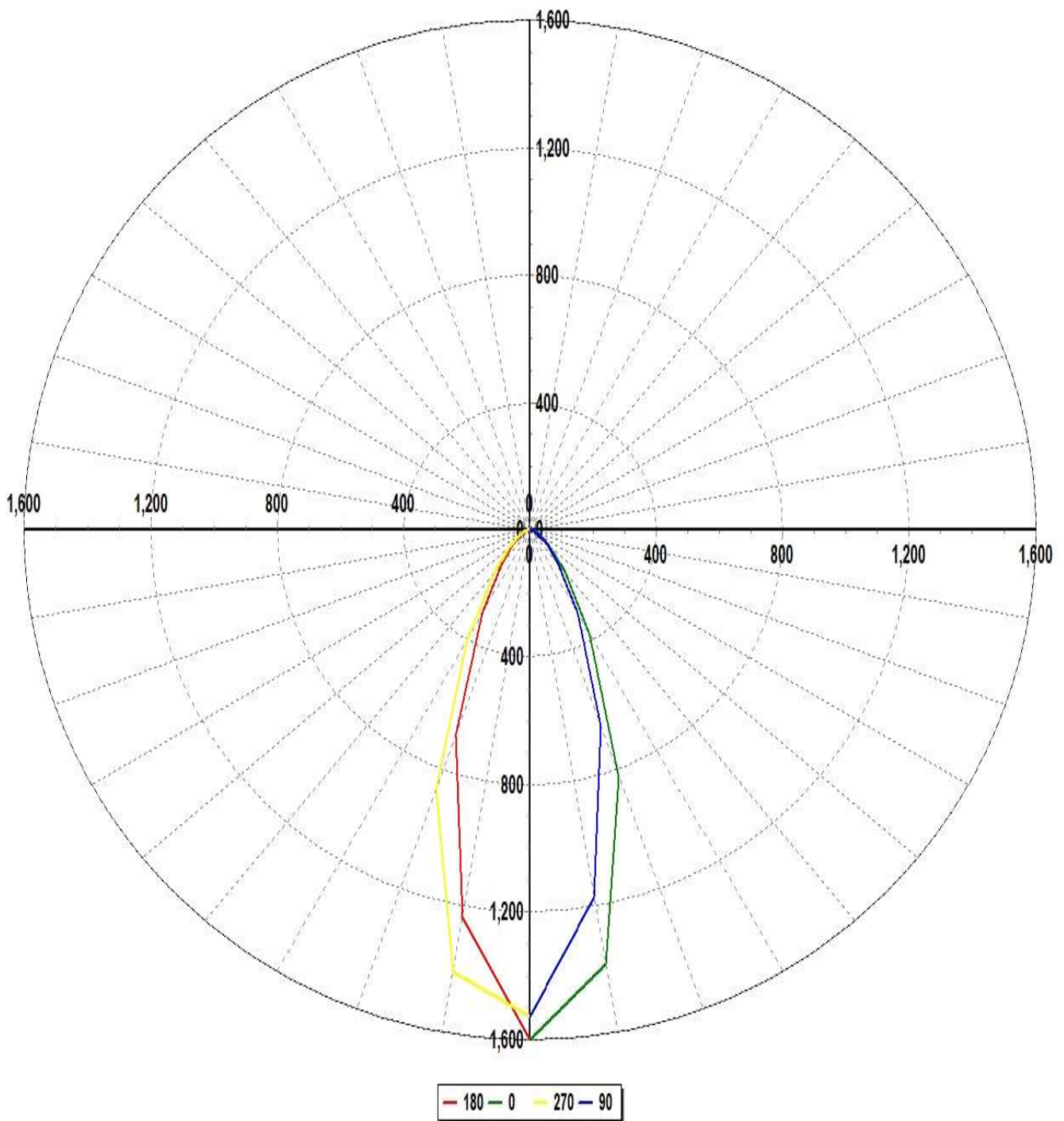
Operator: rent (A) 0.18712

Total flux (lm) 342

Date: Power Factor 0.9996

2026-03-24 오후 4:32:01

## Luminous Intensity Distribution



Luminaire KH FEELUX

Lamp

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KH FEELUX

No. of lamps 1

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Lamp flux (lm) 342

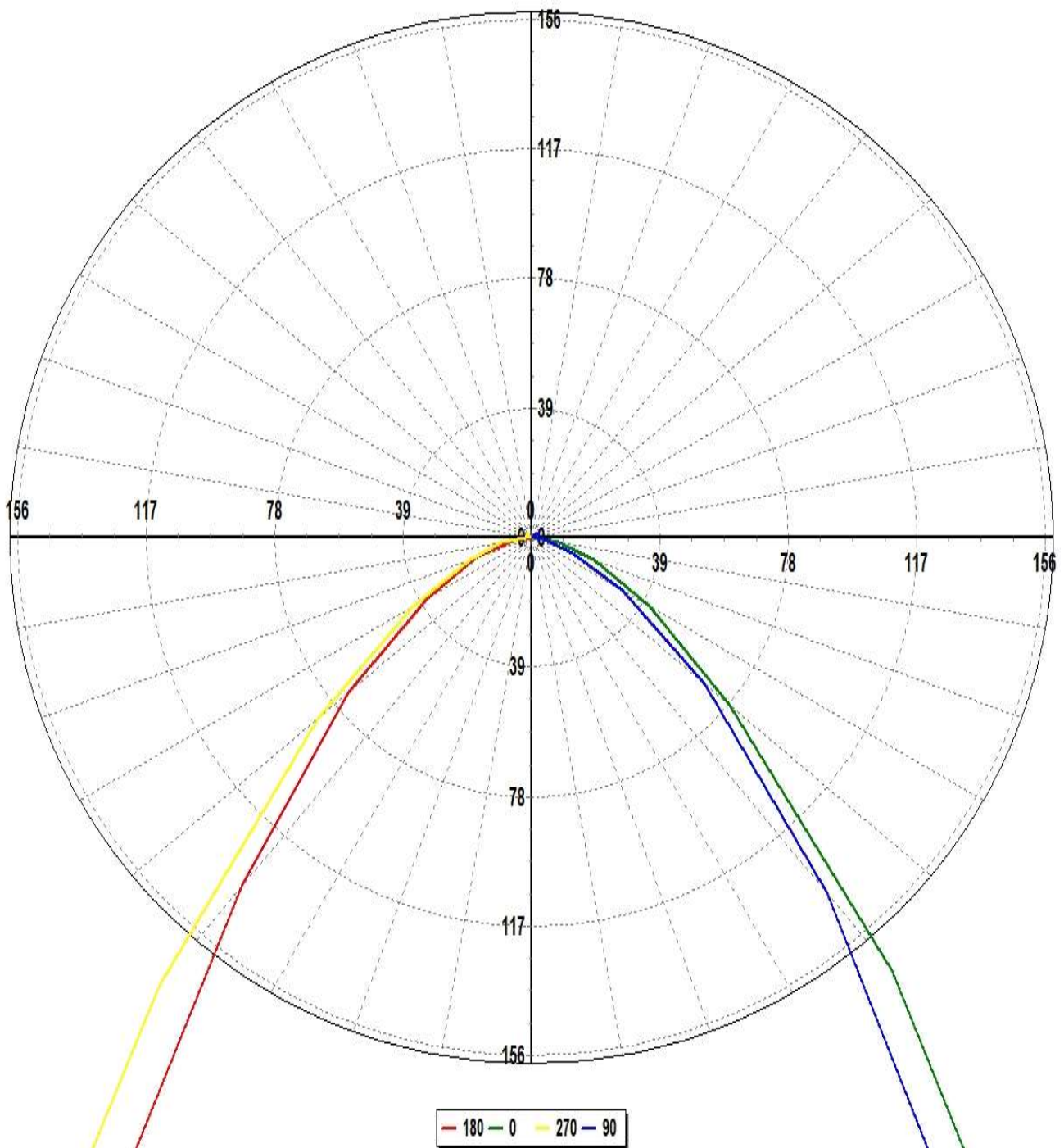
Operator: rent (A) 0.18712

Total flux (lm) 342

Date: Power Factor 0.9996

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## Luminous Intensity Distribution (Lowest 10%)



Luminaire KH FEELUX

Lamp		Report		KH FEELUX
No. of lamps	1	Filename	260324 DVS4A 30K-24V-SW-WT-45-C90_F2602_VER4.03_COBL9.jdt	
Lamp flux (lm)	342	Operator	rent (A)	0.18712
Total flux (lm)	342	Date	Power Factor	0.9996
				2026-03-24 오후 4:32:01

## Luminous Intensity Data

Maximum (cd) : 547

Minimum (cd) : -1

G/C	0	30	60	90	120	150	180	210	240	270	300
0	547.26	542.2	536.1	523.16	520.61	514.94	547.26	542.2	536.1	523.16	520.61
10	472.9	458.81	435.06	400.66	375.31	358.13	422.24	442.14	455.37	480.94	501.84
20	281.89	274.27	256.08	224.24	201.49	181.32	234.83	247.55	264.17	297.09	321.17
30	129.48	125.4	117.51	103.51	89.27	79.44	104.11	108.32	118.52	137.37	151.26
40	58.19	56.69	53.66	47.63	41.87	37.89	46.71	49.68	52.31	60.1	65.84
50	26.81	26.55	26.1	23.5	21.21	18.61	24.75	24.37	25.79	28.8	31.09
60	14.07	13.51	12.87	10.89	10.82	9.72	12.42	13.06	13.61	14.36	15.51
70	6.85	7.01	6.56	4.57	5.35	4.87	5.98	6.75	6.46	6.8	7.62
80	2.88	1.91	1.64	1.33	1.97	0.47	1.94	1.83	2.69	3.11	2.94
90	0.32	0.03	0.05	0.52	-0.06	0.56	-0.19	-0.15	-0.7	0.68	1.05
100	0.53	0.72	0.13	-0.07	-0.46	0.46	-0.37	-0.1	0.03	-0.16	0.08
110	0.37	-0.44	0.48	-0.12	0.96	0.32	0.3	0.06	0.35	-0.43	-0.49
120	0.71	0.77	0.18	0.95	0.34	1	-0.05	0.3	0.39	0.23	0.65
130	0.75	0.27	0.67	0.6	1.11	1.12	0.69	0.76	0.89	0.76	1.11

Luminaire KH FEELUX

Lamp		Report	KH FEELUX
No. of lamps	1	Filename	3260324 DVS4A 30K-24V-SW-WT-45-C90_F2602_VER4.03_COBL9.jdt
Lamp flux (lm)	342	Operator	rent (A) 0.18712
Total flux (lm)	342	Date	Power Factor 0.9996 2026-03-24 오후 4:32:01

## Luminous Intensity Data (Continued)

Maximum (cd) : 547

Minimum (cd) : -1

G/C	330	360
0	514.94	547.26
10	515.59	472.9
20	343.55	281.89
30	164.61	129.48
40	72.42	58.19
50	33.72	26.81
60	16.31	14.07
70	8.57	6.85
80	2.65	2.88
90	-0.37	0.32
100	0.04	0.53
110	-0.31	0.37
120	0.1	0.71
130	0.4	0.75

Luminaire KH FEELUX

Lamp		Report		KH FEELUX
No. of lamps	1	Filename	260324 DVS4A 30K-24V-SW-WT-45-C90_F2602_VER4.03_COBL9.jdt	
Lamp flux (lm)	342	Operator	rent (A)	0.18712
Total flux (lm)	342	Date	Power Factor	0.9996
				2026-03-24 오후 4:32:01

## Luminous Flux Table

Total Lamp Lumens:	341.75
Luminaire Efficiency (lm/W):	76.22
CIE Classification:	Direct

Elevation	Lumens	Cumulative	Lamp %	Luminaire %
0	12.69	12.69	3.71	3.71
10	84.30	96.99	28.38	28.38
20	97.63	194.62	56.96	56.95
30	65.20	259.82	76.04	76.03
40	37.72	297.55	87.08	87.07
50	21.77	319.31	93.45	93.43
60	12.42	331.73	97.08	97.07
70	6.64	338.37	99.03	99.01
80	2.28	340.65	99.69	99.68
90	0.16	340.81	99.74	99.73
100	0.07	340.89	99.76	99.75
110	0.09	340.98	99.79	99.77
120	0.44	341.42	99.92	99.90
130	0.33	341.75	100.01	100.00

Luminaire KH FEELUX

Lamp

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KH FEELUX

No. of lamps 1

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Lamp flux (lm) 342

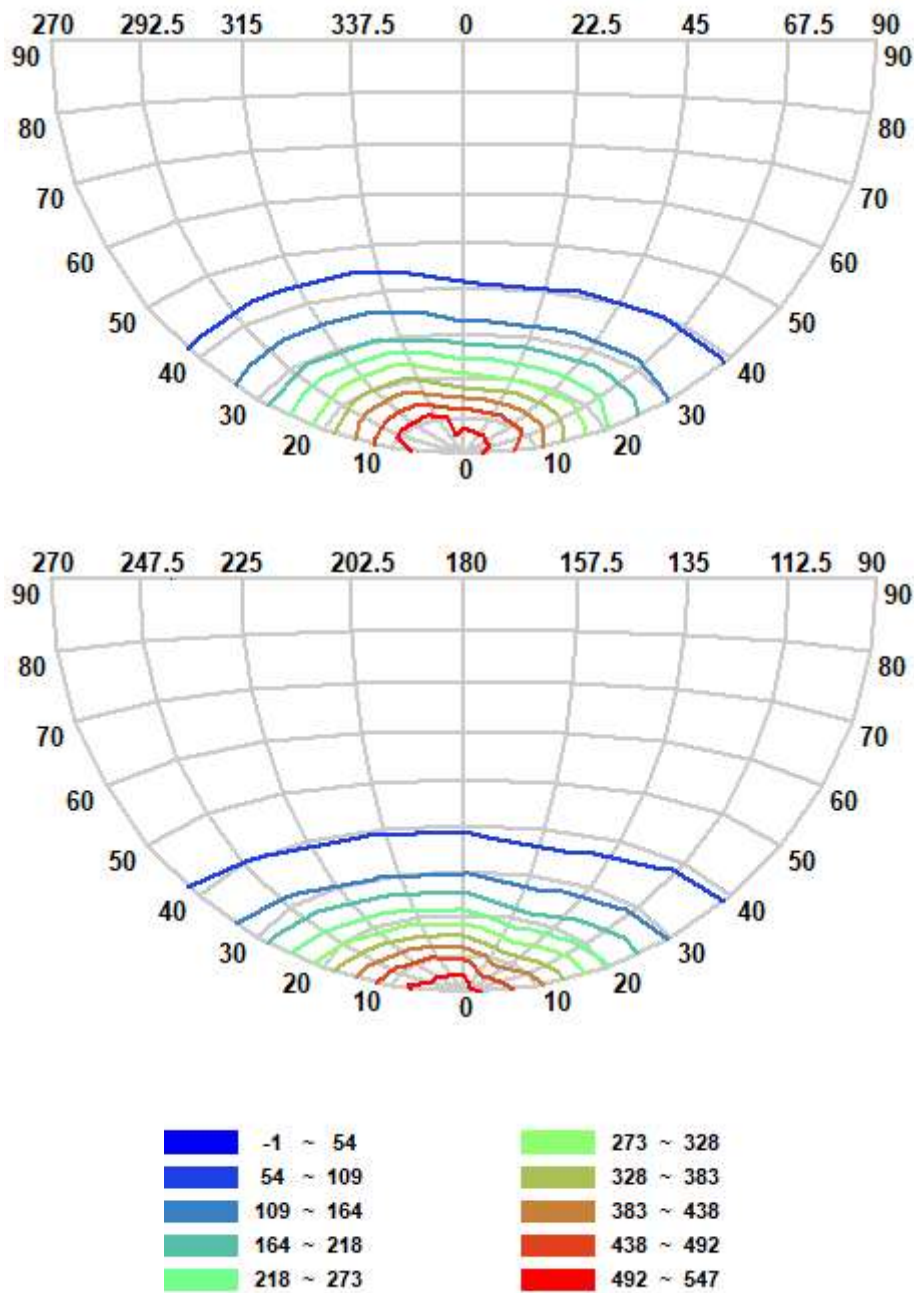
Operator: rent (A) 0.18712

Total flux (lm) 342

Date: Power Factor 0.9996

2026-03-24 오후 4:32:01

## IsoCandela (Type C)





Luminaire KH FEELUX

Lamp

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Lamp flux (lm) 342

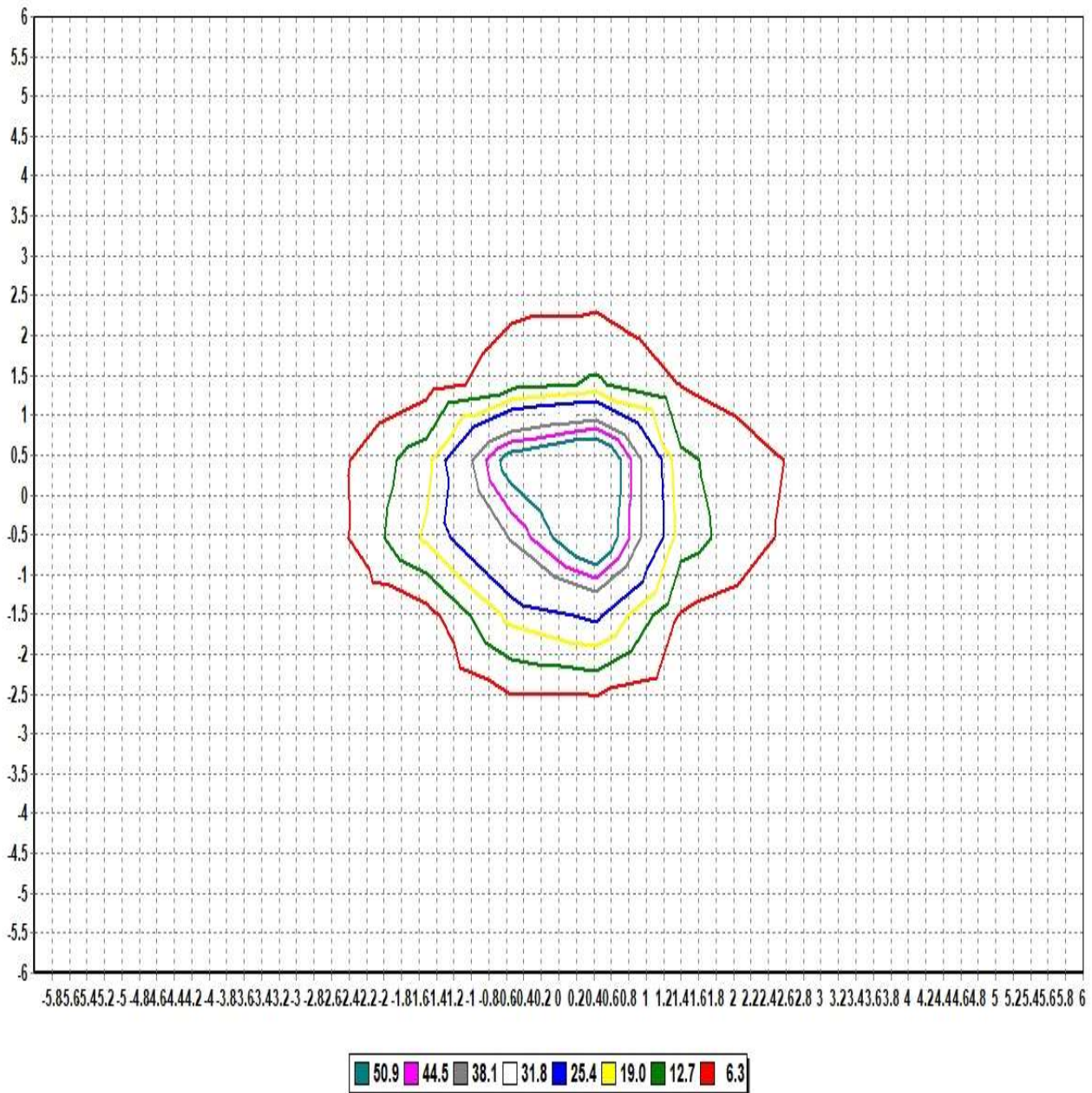
Operator: rent (A) 0.18712

Total flux (lm) 342

Date: Power Factor 0.9996

2026-03-24 오후 4:32:01

## IsoLux Diagram (Ground)



Pole Height (m): 2.7

Area Width (m): 12

Total Optical Solution Provider

Luminaire KH FEELUX

Lamp

Report

KH FEELUX

No. of lamps 1

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Lamp flux (lm) 342

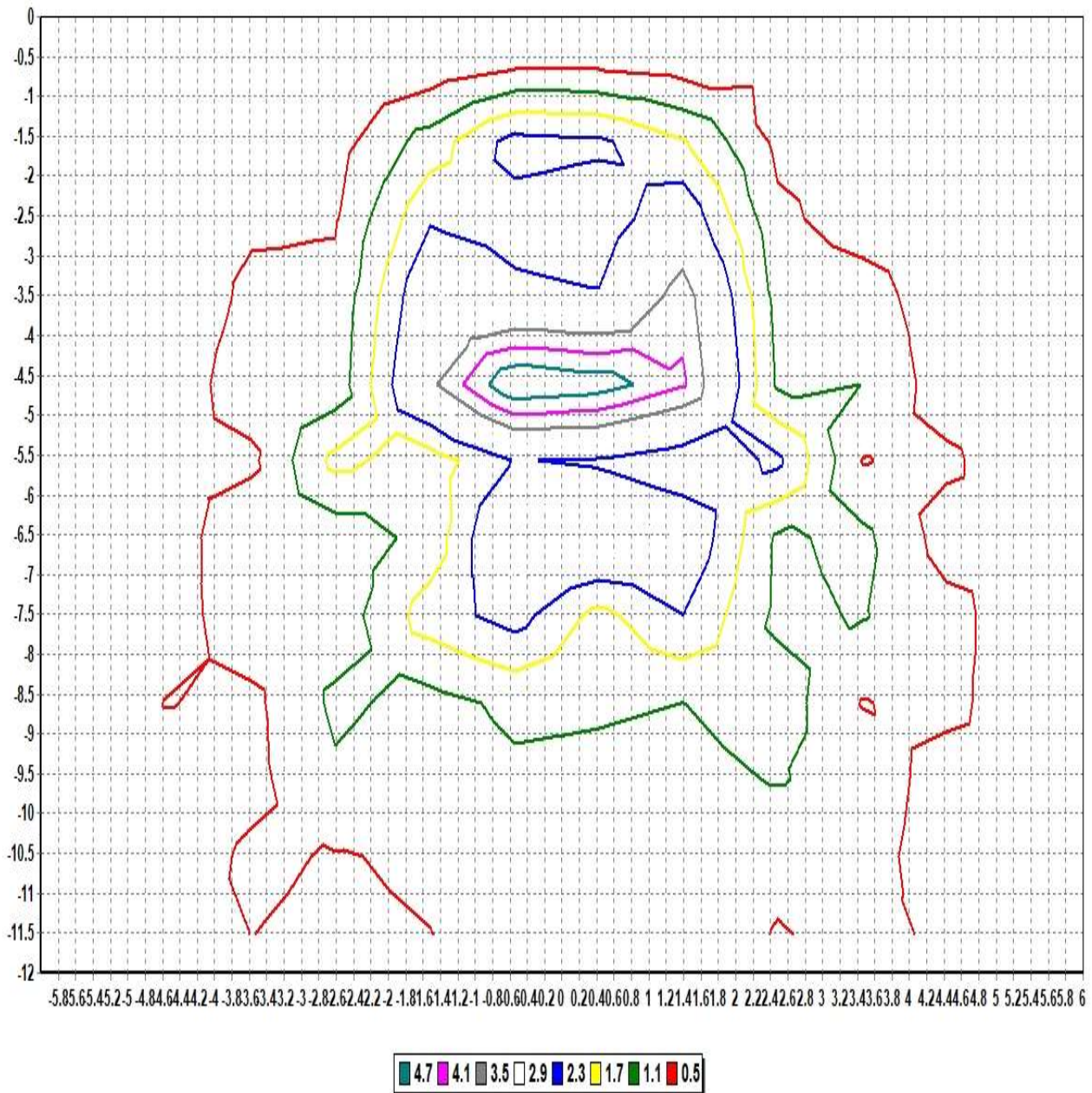
Operator: rent (A) 0.18712

Total flux (lm) 342

Date: Power Factor 0.9996

2026-03-24 오후 4:32:01

## 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 KH FEELUX

Lamp

No. of lamps	1	Voltage (V)	23.971
Lamp flux (lm)	342	Current (A)	0.18712
Total flux (lm)	342	Power Factor	0.9996

Report

KH FEELUX

Filename 260324 DVS4A 30K-24V-SW-WT-45-C90\_F2602\_VER4.03\_COBL9.jdt

Operator

Date

2026-03-24 오후 4:32:01

## Illuminance Levels (Ground)

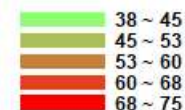
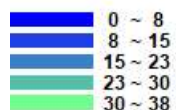
6.00	0.04	0.05	0.03	0.05	0.06	0.08	0.07	0.07	0.07	0.06	0.04	0.06	0.05
5.00	0.05	0.03	0.05	0.08	0.22	0.31	0.32	0.31	0.27	0.10	0.07	0.05	0.06
4.00	0.03	0.05	0.19	0.31	0.23	0.36	0.38	0.36	0.28	0.35	0.23	0.07	0.04
3.00	0.05	0.07	0.26	0.29	1.16	0.87	1.16	1.04	1.33	0.36	0.36	0.11	0.06
2.00	0.06	0.21	0.22	0.95	1.38	2.78	4.77	3.69	1.71	1.42	0.28	0.27	0.08
1.00	0.07	0.28	0.33	0.80	2.70	11.81	44.68	15.54	3.72	1.06	0.45	0.39	0.10
0.00	0.08	0.33	0.42	1.20	4.74	47.08	75.07	52.80	5.90	1.36	0.46	0.36	0.09
-1.00	0.07	0.26	0.32	0.97	3.23	13.16	53.73	17.46	4.37	1.27	0.45	0.37	0.09
-2.00	0.07	0.25	0.27	1.18	1.50	3.27	6.19	4.28	1.90	1.76	0.33	0.33	0.09
-3.00	0.06	0.09	0.33	0.33	1.29	0.98	1.44	1.20	1.50	0.40	0.45	0.13	0.07
-4.00	0.04	0.06	0.21	0.35	0.27	0.41	0.48	0.41	0.32	0.40	0.25	0.08	0.05
-5.00	0.06	0.04	0.07	0.10	0.26	0.35	0.39	0.34	0.31	0.11	0.07	0.05	0.07
-6.00	0.04	0.06	0.04	0.06	0.07	0.09	0.09	0.09	0.08	0.06	0.04	0.07	0.05
-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.) : 75.070

Illum. (Min.) : 0.0295

Illum. (Avg.) : 2.5690

All illuminance level values are in lux.



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Lamp

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Lamp flux (lm) 342

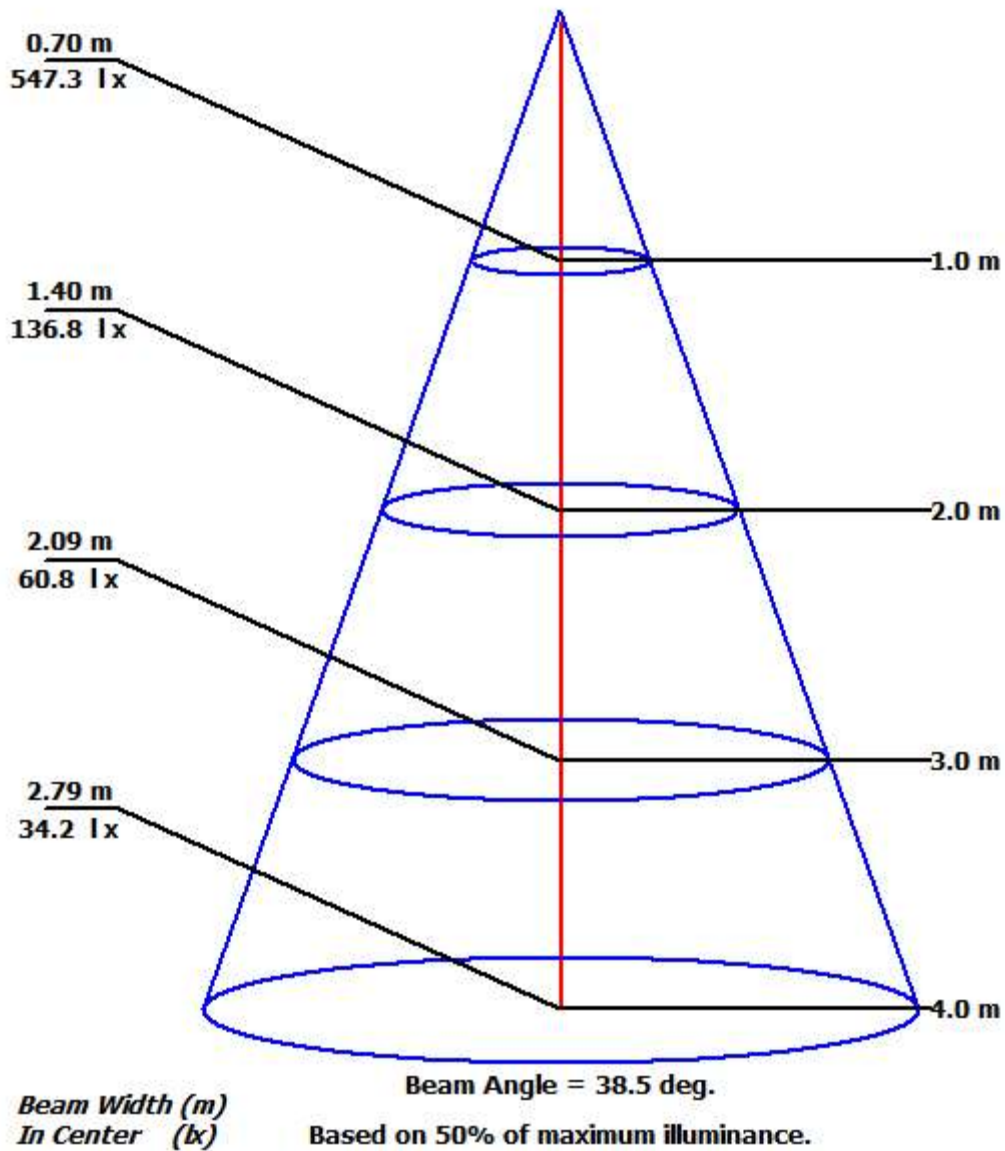
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2026-03-24 오후 4:32:01

## Illuminance Cone Diagram





Luminaire KH FEELUX

Lamp

Report

KH FEELUX

No. of lamps 1 Voltage (V) 23.971

Filename 260324 DVS4A 30K-24V-SW-WT-45-C90\_F2602\_VER4.03\_COBL9.jdt

Lamp flux (lm) 342 Current (A) 0.18712

Operator

Total flux (lm) 342 Power Factor 0.9996

Date 2026-03-24 오후 4:32:01

## 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		0.00	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	0.00	0.00
Room CR 1		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	0.00	0.00	0.00
Room CR 2		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	0.00	0.00	0.00
Room CR 3		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	0.00	0.00	0.00
Room CR 4		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	0.00	0.00	0.00
Room CR 5		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	0.00	0.00	0.00
Room CR 6		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	0.00	0.00	0.00
Room CR 7		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	0.00	0.00	0.00
Room CR 8		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	0.00	0.00	0.00
Room CR 9		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	0.00	0.00	0.00
Room CR 10		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	0.00	0.00	0.00