

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 : 20260320

2. Purpose of Report :

3. Number of Report : KH FEELUX

4. Test Standard / Item : / 260320 EGL11-R-30K_CRI90_LENS(일반)

5. Test Period : 260320 ~ 260320

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		0.4305 , 0.3976	
Correlated Color Temperature	K	3060	
Ra		93.61	
Power Factor		1.000	
Input Voltage	V	23.908	
Input Current	A	0.560	
Input Watt	W	13.393	
Lamp Flux	lm	751.9	
Efficient	lm/W	56.14	
luminous Intensity (Max , Center)	cd	561 , 561	
Illuminance	lx	561	1 m
		140	2 m
		62	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

Voltage (V)

Filename 260320 EGL11-R-30K_CRI90_LENS(일반).jdt

Lamp flux (lm) 752

Current (A)

0.Operator

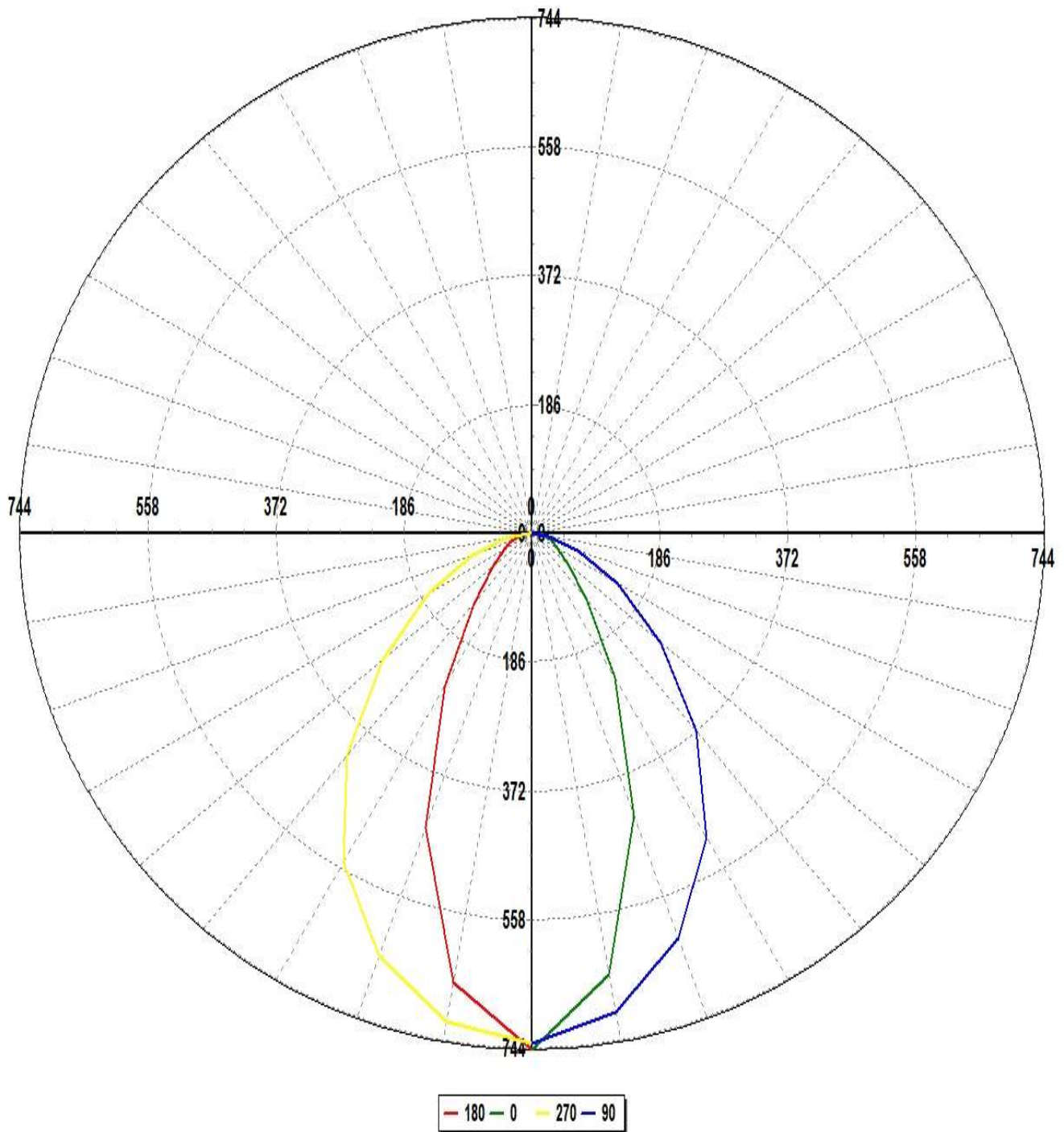
Total flux (lm) 752

Power Factor

Date 1

2026-03-20 오전 10:56:19

Luminous Intensity Distribution



Luminaire KH FEELUX

Lamp

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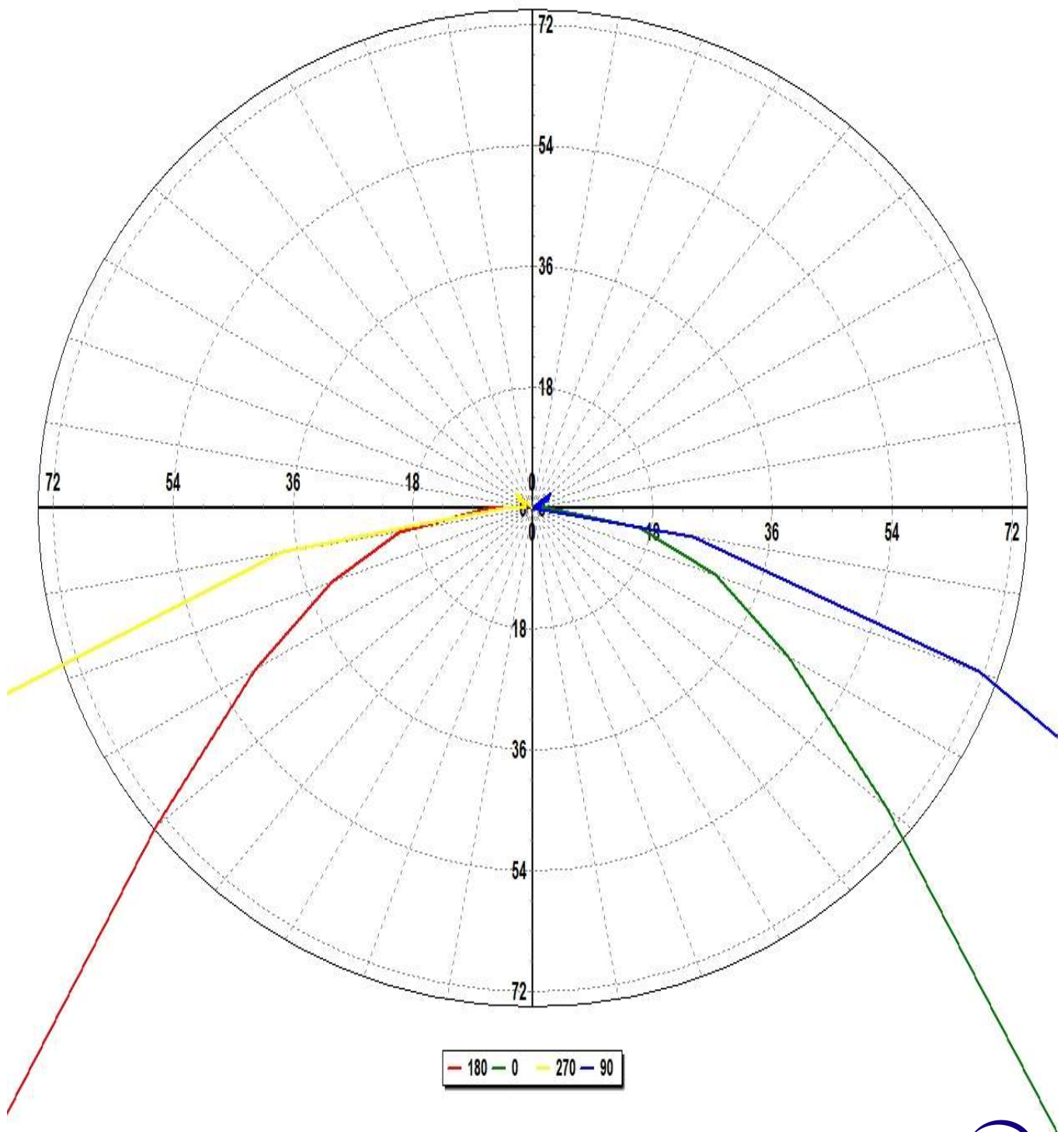
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Luminous Intensity Distribution (Lowest 10%)



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Luminous Intensity Data

Maximum (cd) : 561

Minimum (cd) : 0

G/C	0	30	60	90	120	150	180	210	240	270	300
0	560.81	556.95	554.09	553.69	548.43	542.25	560.81	556.95	554.09	553.69	548.43
10	485.87	493.86	520.77	528.39	502.74	456.26	495.54	504.18	525.36	538.69	534.68
20	326.47	354.72	431.76	468.18	407.21	316.38	339.79	371.81	442.43	488.56	457.95
30	181.37	212.97	317.76	382.08	293.59	187.26	191.5	230.15	330.61	412.39	349.14
40	93.36	116.88	210.38	279.25	190.94	103.27	99.14	127.05	221.12	314.37	235.05
50	52.01	66.02	125.6	184.09	115.05	59.97	55.63	71.14	134.89	213.19	145.92
60	33.24	39.06	71.86	108.33	64.86	37.82	36.2	43.95	78.6	130.28	83.82
70	21.95	23.61	37.01	53.59	35.71	23.91	24.12	28.35	42.91	68.98	45.39
80	12.24	11.89	14.79	18.37	15.09	11.24	15.3	16.66	19.42	28.69	20.96
90	1.74	1.14	0.51	-0.24	0.71	1.15	4.9	5.17	2.64	3.26	3.74
100	0.61	0.65	0.65	1	0.71	0.86	0.82	0.47	0.33	0.8	0.42
110	0.43	-0.21	0.81	0.55	1.11	1.2	0.67	0.31	1.33	0.83	1.32
120	1.84	1.21	1.43	2.09	1.48	1.05	0.59	1.22	1.06	1.72	1.06
130	1.08	2.21	2.4	2.71	2.1	2.44	1.77	1.83	2.16	2.61	2.2

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Luminous Intensity Data (Continued)

Maximum (cd) : 561

Minimum (cd) : 0

G/C	330	360
0	542.25	560.81
10	520.29	485.87
20	401.14	326.47
30	256.92	181.37
40	144.5	93.36
50	80.03	52.01
60	46.74	33.24
70	28.16	21.95
80	15.53	12.24
90	4.18	1.74
100	0.61	0.61
110	1.34	0.43
120	1.26	1.84
130	1.68	1.08

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Luminous Flux Table

Total Lamp Lumens: 751.91

Luminaire Efficiency (lm/W): 56.14

CIE Classification: Direct

Elevation	Lumens	Cumulative	Lamp %	Luminaire %
0	13.21	13.21	1.76	1.76
10	96.78	110.00	14.63	14.63
20	150.04	260.03	34.58	34.58
30	152.68	412.71	54.89	54.89
40	125.27	537.99	71.55	71.55
50	91.14	629.12	83.67	83.67
60	61.24	690.36	91.82	91.81
70	37.20	727.56	96.76	96.76
80	17.99	745.55	99.16	99.15
90	2.64	748.19	99.51	99.50
100	0.71	748.90	99.60	99.60
110	0.83	749.73	99.71	99.71
120	1.27	751.00	99.88	99.88
130	0.91	751.91	100.00	100.00

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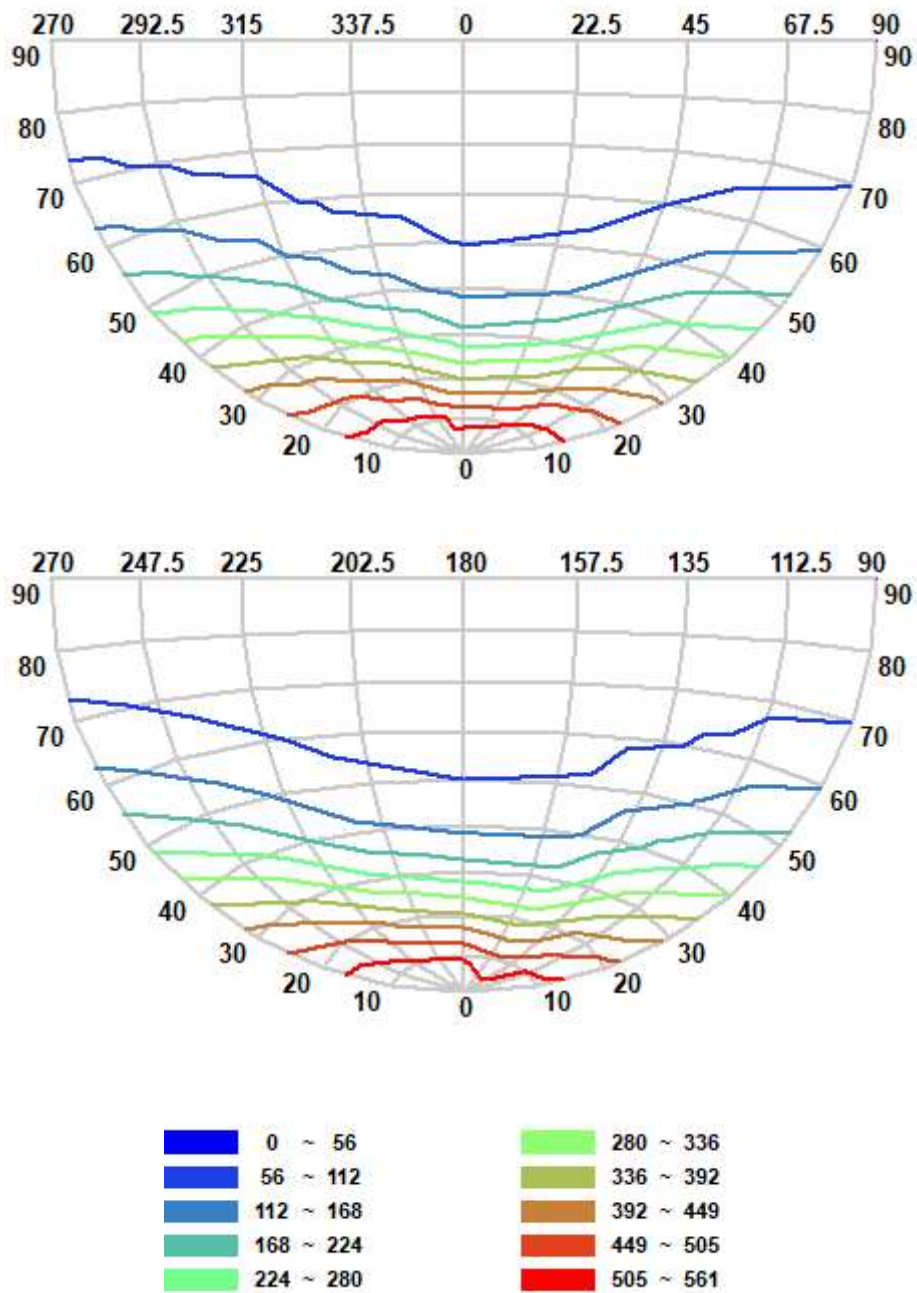
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IsoCandela (Type C)



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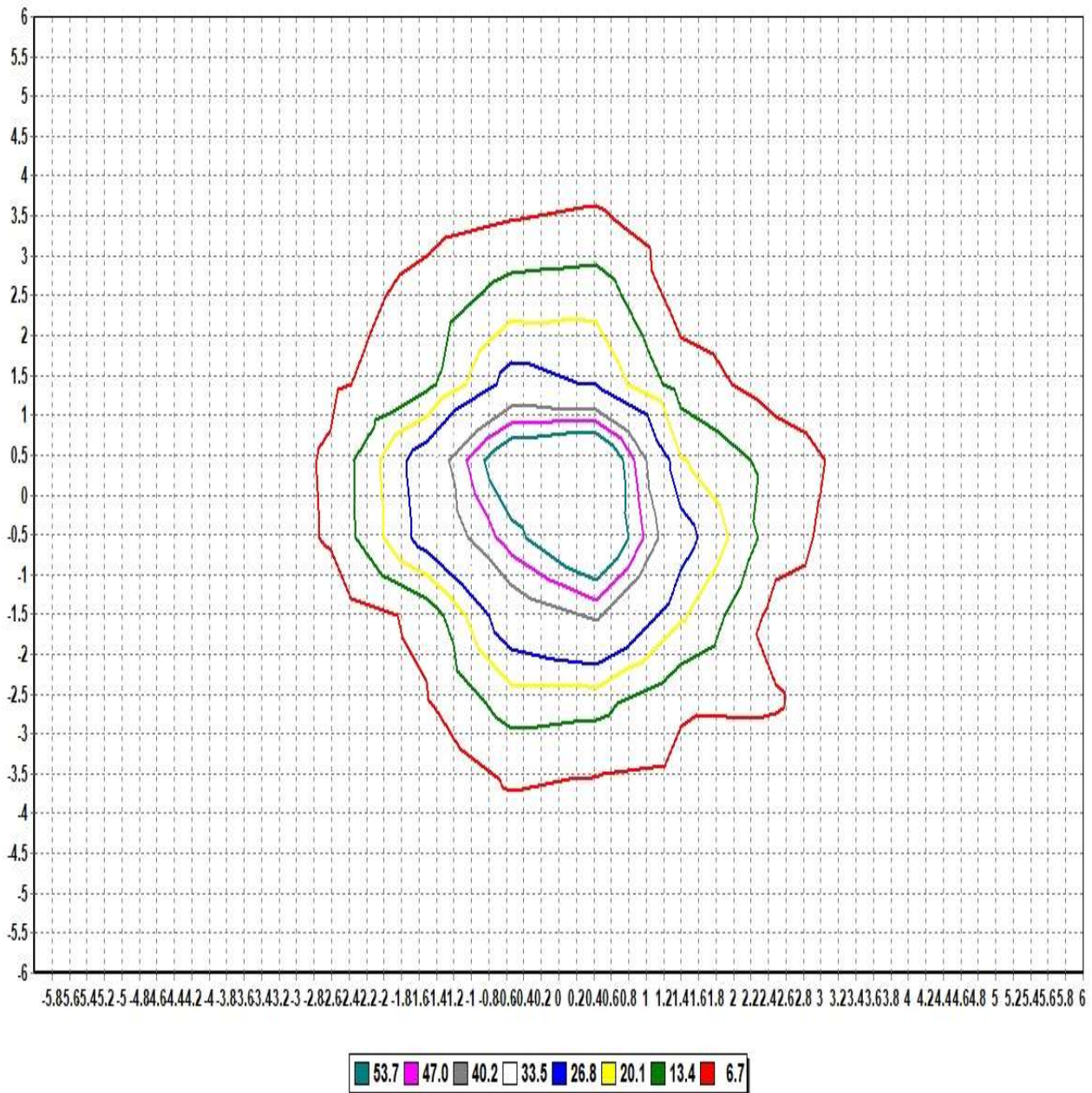
Total flux (lm) 752

Power Factor

Date 1

2026-03-20 오전 10:56:19

IsoLux Diagram (Ground)



Pole Height (m): 2.7

Area Width (m): 12

Total Optical Solution Provider

Luminaire KH FEELUX

Lamp

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Voltage (V)

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Lamp flux (lm) 752

Current (A)

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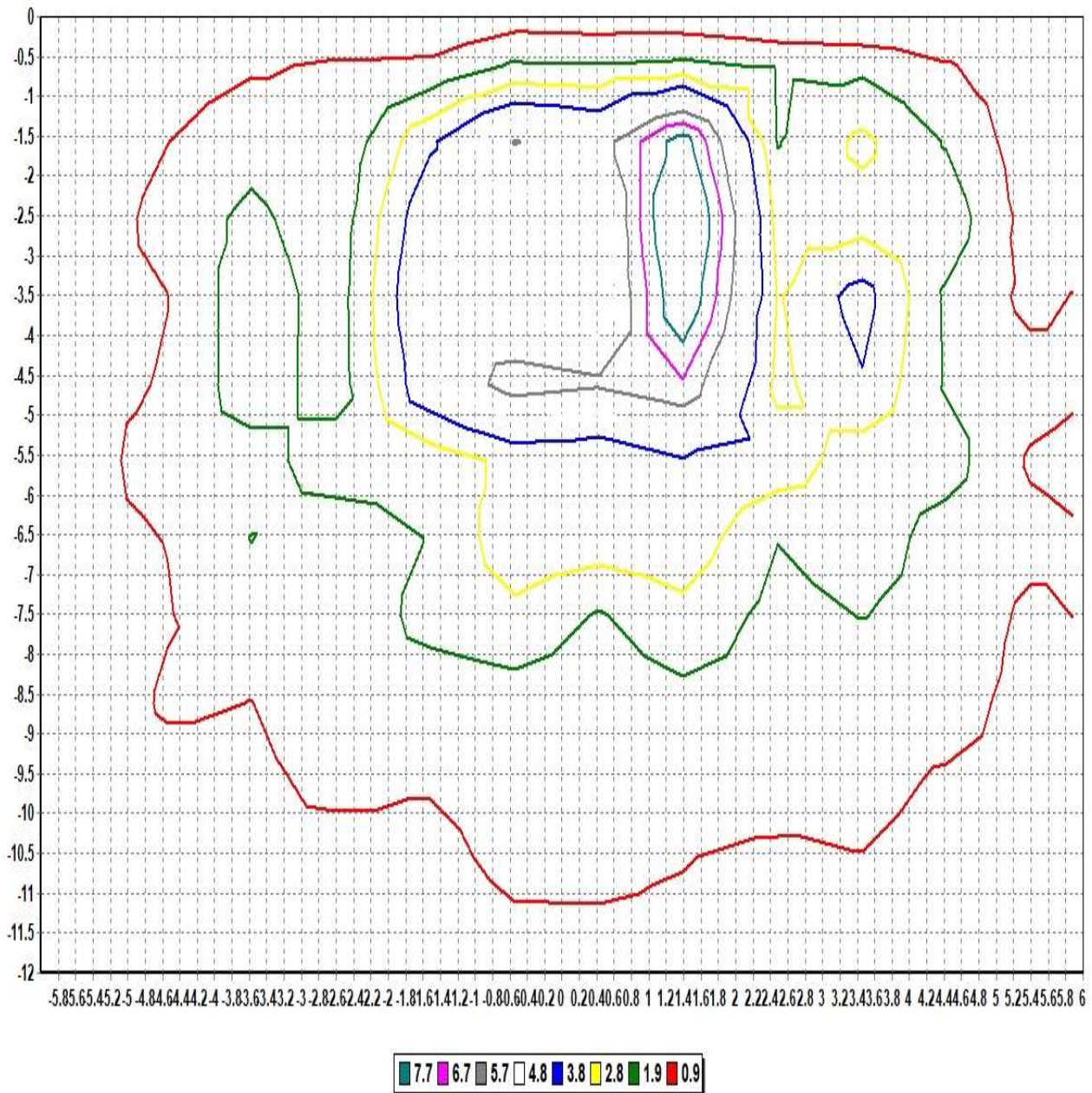
Total flux (lm) 752

Power Factor

Date 1

2026-03-20 오전 10:56:19

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) 23.908

Lamp flux (lm) 752 Current (A) 0.56021

Total flux (lm) 752 Power Factor 1

Report

KH FEELUX

Filename 260320 EGL11-R-30K_CRI90_LENS(일반).jdt

Operator

Date 2026-03-20 오전 10:56:19

Illuminance Levels (Ground)

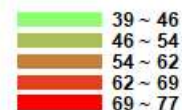
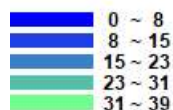
6.00	0.29	0.43	0.32	0.31	0.45	0.54	0.73	0.62	0.30	0.20	0.22	0.28	0.13
5.00	0.21	0.30	0.50	0.81	1.42	1.89	2.53	2.08	0.87	0.54	0.33	0.15	0.16
4.00	0.15	0.26	1.33	2.31	1.44	2.47	3.33	2.53	0.87	1.53	0.53	0.21	0.13
3.00	0.28	0.32	1.00	2.17	7.06	5.47	8.34	3.46	5.12	0.89	0.76	0.28	0.19
2.00	0.32	1.06	1.27	2.93	8.17	12.84	22.42	8.22	3.43	2.44	0.78	0.67	0.23
1.00	0.27	0.74	0.98	3.64	11.57	34.46	59.55	22.02	7.38	2.36	1.10	0.89	0.30
0.00	0.28	0.77	1.06	2.64	9.34	55.49	76.93	54.38	8.82	2.47	0.98	0.72	0.25
-1.00	0.27	0.76	0.99	2.54	8.00	23.36	60.75	38.38	14.34	4.67	1.08	0.81	0.27
-2.00	0.26	0.72	0.87	2.61	3.69	8.88	24.80	15.56	9.69	3.97	1.63	1.35	0.40
-3.00	0.22	0.31	0.82	0.97	5.42	3.72	9.58	6.63	8.06	2.65	1.30	0.39	0.36
-4.00	0.15	0.23	0.58	1.65	0.97	2.90	3.93	2.82	1.83	2.72	1.61	0.32	0.19
-5.00	0.18	0.17	0.38	0.60	0.95	2.37	2.94	2.12	1.75	0.99	0.63	0.38	0.27
-6.00	0.14	0.31	0.25	0.24	0.34	0.75	0.90	0.63	0.57	0.40	0.41	0.53	0.36
-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.) : 76.928

Illum. (Min.) : 0.1262

Illum. (Avg.) : 4.7560

All illuminance level values are in lux.



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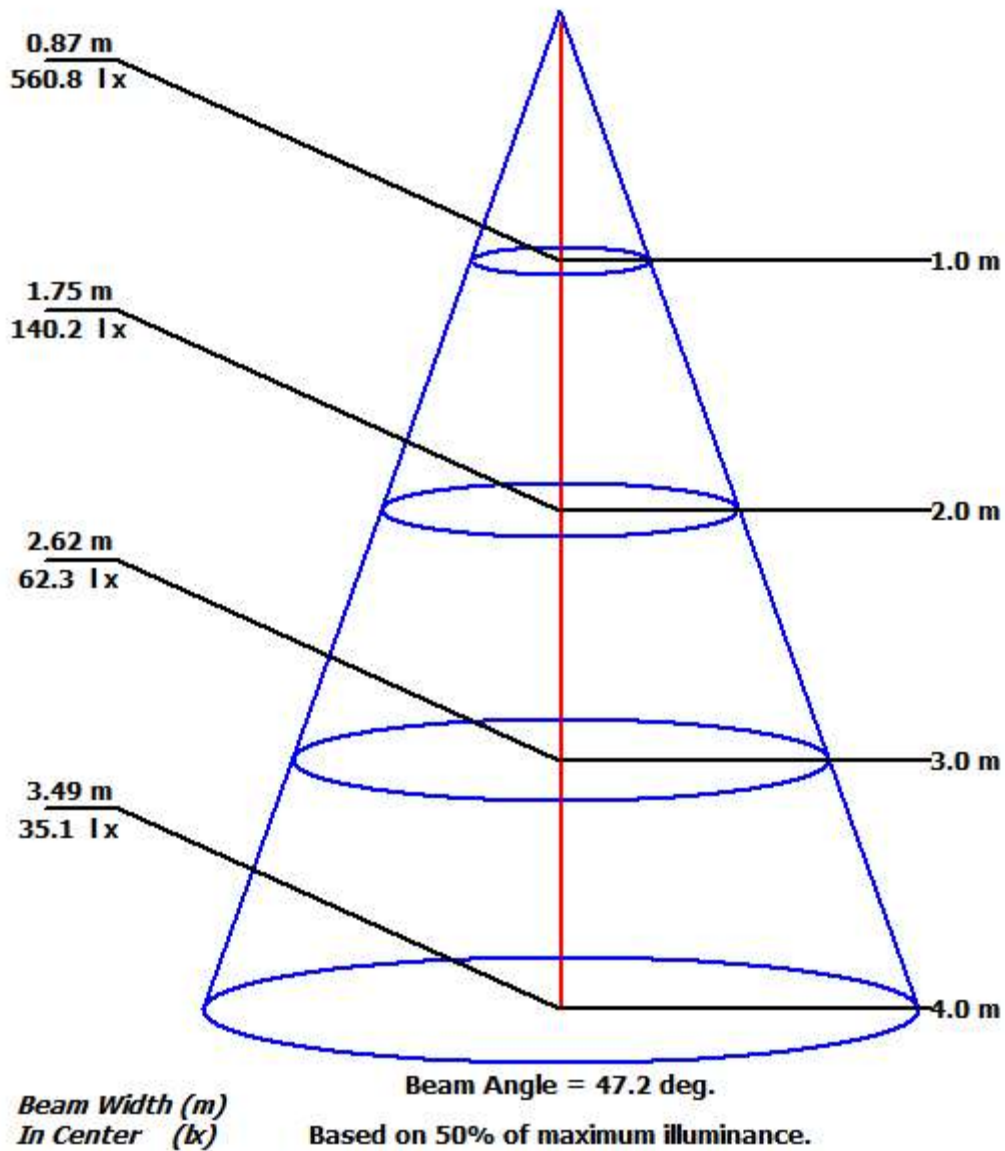
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Illuminance Cone Diagram



Luminaire KH FEELUX

Lamp

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Lamp flux (lm) 752 Current (A) 0.56021

Operator

Total flux (lm) 752 Power Factor 1

Date 2026-03-20 오전 10:56:19

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