

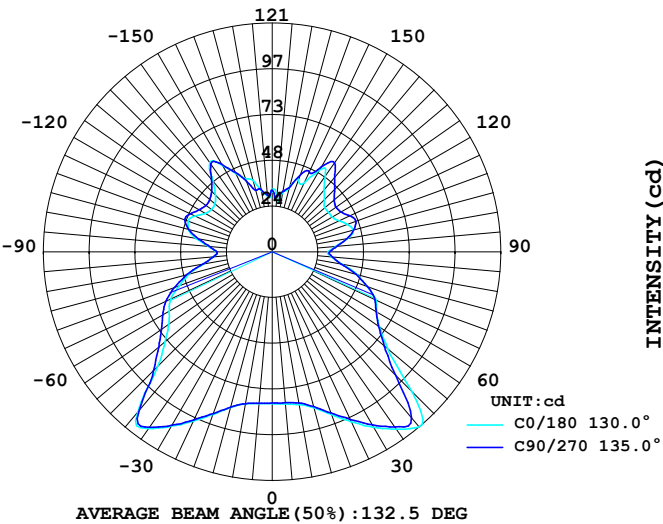
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

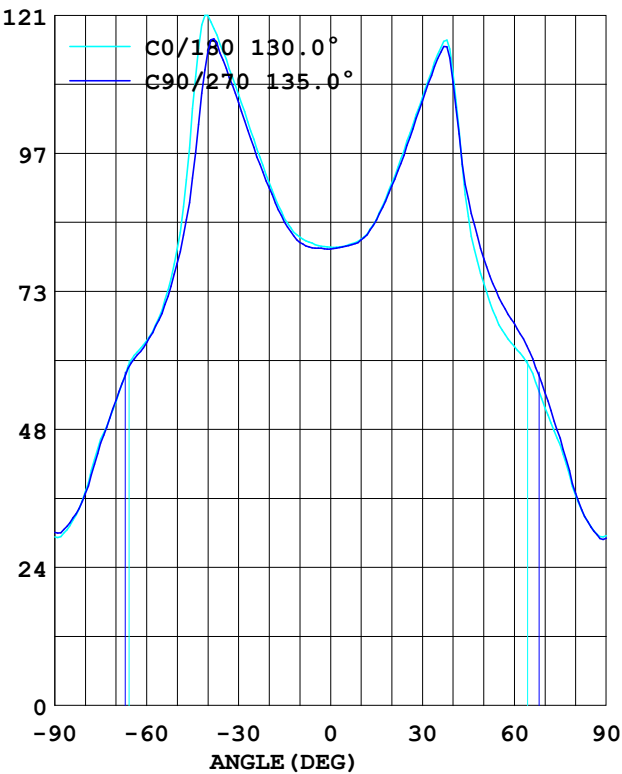
MANUFACTURER:			
Address:			
NAME: 10330 OFNAB		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	121.2	S/MH (C0/180)	1.72
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.71
NOMINAL POWER(W)	20	TOTAL FLUX(lm)	668.59	Voltage(V)	122.0
RATED VOLTAGE (V)	122	EFFICIENCY (lm/W)	33.4	Current(A)	0.167
NOMINAL FLUX(lm)	668.6	η up (%)	36.3	Power(W)	20.04
LAMPS QUANTITY	1	η down (%)	63.7	Power Factor (PF)	0.983
TEST VOLTAGE (V)	122.0	Effective Flux(lm)	668.6	EEL	0.361

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



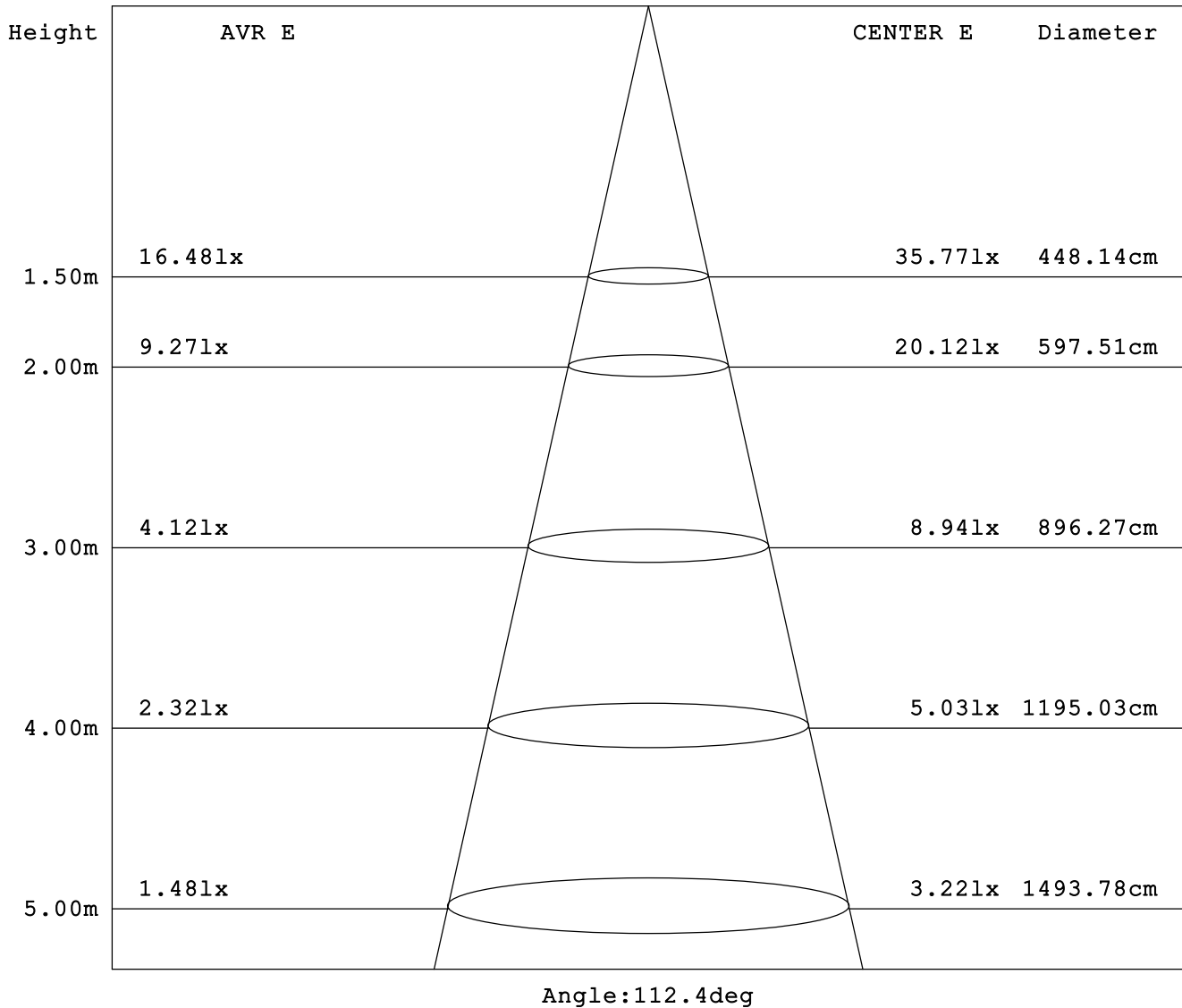
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年06月30日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.350 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

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SPECIFICATION:	CCT (K) : 0	DIMENSION:	SERIAL No.:



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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 10330 OFNAB		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 0	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	80.92	80.97	80.33	80.49	80.70	80.43	80.65	80.33	0- 5	1.923	1.923
10.0	82.27	82.65	81.35	82.81	81.89	81.08	81.79	81.14	5- 10	5.807	7.730
15.0	85.57	87.03	84.92	87.62	85.35	83.78	85.24	83.89	10- 15	9.910	17.64
20.0	91.78	93.35	90.91	93.99	91.67	88.65	91.18	89.08	15- 20	14.57	32.21
25.0	99.45	100.7	98.05	101.3	99.13	94.59	98.37	95.45	20- 25	19.90	52.11
30.0	107.2	108.0	105.8	108.9	106.6	101.7	106.1	103.1	25- 30	25.87	77.99
35.0	114.8	115.6	113.3	116.2	114.3	108.2	113.6	110.5	30- 35	32.34	110.3
40.0	121.2	117.3	114.7	100.8	111.0	112.4	109.5	118.2	35- 40	38.36	148.7
45.0	104.8	90.27	92.64	80.38	85.89	90.37	88.97	104.6	40- 45	38.23	186.9
50.0	80.11	74.17	77.63	71.36	74.17	78.71	78.54	84.05	45- 50	33.85	220.7
55.0	69.41	66.66	68.82	65.69	66.87	71.30	71.63	73.95	50- 55	31.74	252.5
60.0	64.07	60.77	63.74	61.53	63.09	65.58	67.14	67.25	55- 60	30.77	283.3
65.0	60.72	56.12	60.18	57.15	59.42	60.82	62.17	62.99	60- 65	30.15	313.4
70.0	53.32	49.75	53.53	49.43	52.29	55.48	54.94	58.72	65- 70	28.82	342.2
75.0	46.72	42.78	46.08	42.51	45.75	46.67	46.94	49.59	70- 75	25.95	368.2
80.0	37.49	34.68	37.16	34.46	36.89	39.00	37.27	41.81	75- 80	22.24	390.4
85.0	31.54	30.36	32.08	30.19	31.38	31.71	31.33	33.54	80- 85	18.54	409.0
90.0	29.60	30.14	30.41	30.68	29.82	28.30	29.38	29.44	85- 90	16.54	425.5
95.0	33.81	33.60	34.41	34.57	34.03	30.95	33.43	30.90	90- 95	17.11	442.7
100.0	40.46	37.81	40.24	39.00	41.00	36.68	39.70	35.27	95-100	19.51	462.2
105.0	44.35	37.76	44.73	39.59	45.81	40.73	45.64	39.16	100-105	21.84	484.0
110.0	42.51	37.92	47.26	38.73	47.43	40.57	49.26	39.54	105-110	22.32	506.3
115.0	39.11	37.22	45.37	35.97	45.05	38.89	47.80	38.73	110-115	21.36	527.7
120.0	36.95	36.78	42.29	35.43	40.94	36.57	44.78	36.08	115-120	19.35	547.1
125.0	36.46	35.33	41.43	34.73	39.43	34.89	43.00	34.52	120-125	17.59	564.7
130.0	36.57	30.03	43.10	31.65	39.76	33.76	43.27	32.62	125-130	16.04	580.7
135.0	39.16	23.60	46.78	25.55	42.62	30.30	45.48	28.30	130-135	14.43	595.1
140.0	42.89	24.04	51.48	27.22	49.05	27.55	50.13	23.49	135-140	13.20	608.3
145.0	49.32	39.65	57.69	42.62	57.75	36.08	56.83	27.87	140-145	13.70	622.0
150.0	50.07	42.51	51.91	42.29	53.05	48.24	53.64	42.29	145-150	14.24	636.3
155.0	40.40	35.92	46.72	37.05	45.97	42.73	46.51	36.19	150-155	11.28	647.6
160.0	40.94	29.44	43.16	35.97	41.21	36.14	39.70	36.08	155-160	8.335	655.9
165.0	35.70	32.19	35.38	32.46	39.22	32.95	33.76	33.60	160-165	6.007	661.9
170.0	31.81	29.71	32.62	27.33	32.79	29.71	33.49	29.11	165-170	3.867	665.8
175.0	29.28	26.36	29.33	22.85	29.71	28.95	30.14	26.25	170-175	2.071	667.9
180.0	31.65	30.14	32.68	26.90	32.30	30.19	32.73	28.03	175-180	0.690	668.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年06月30日

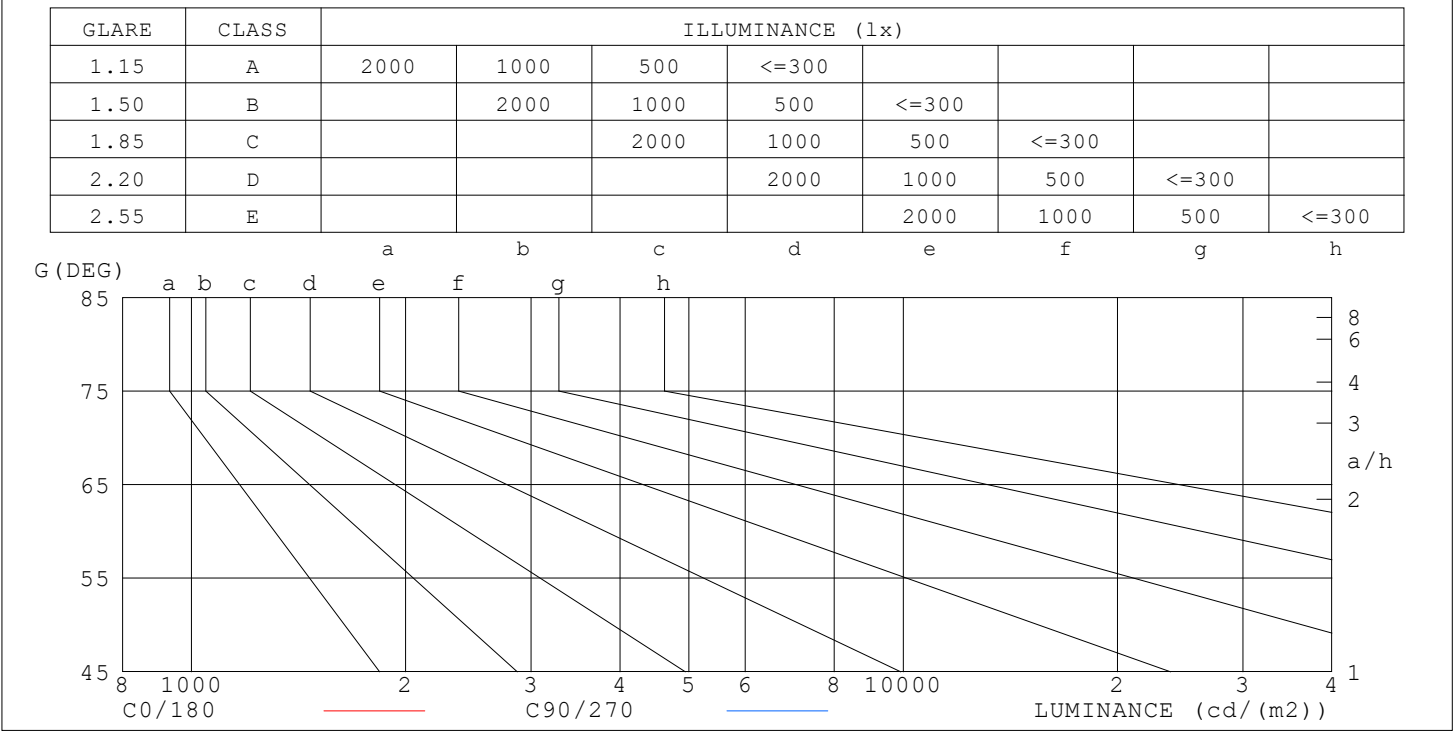
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:7.350 m
Remarks:

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 10330 OFNAB		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 0	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	129281	131494
80	77109	76442
75	64482	63587
70	55678	55903
65	51314	50857
60	45765	45533
55	43224	42854
50	44513	43133
45	52961	46795

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Temperature:25.3DEG
Operators:
Test Date:2026年06月30日

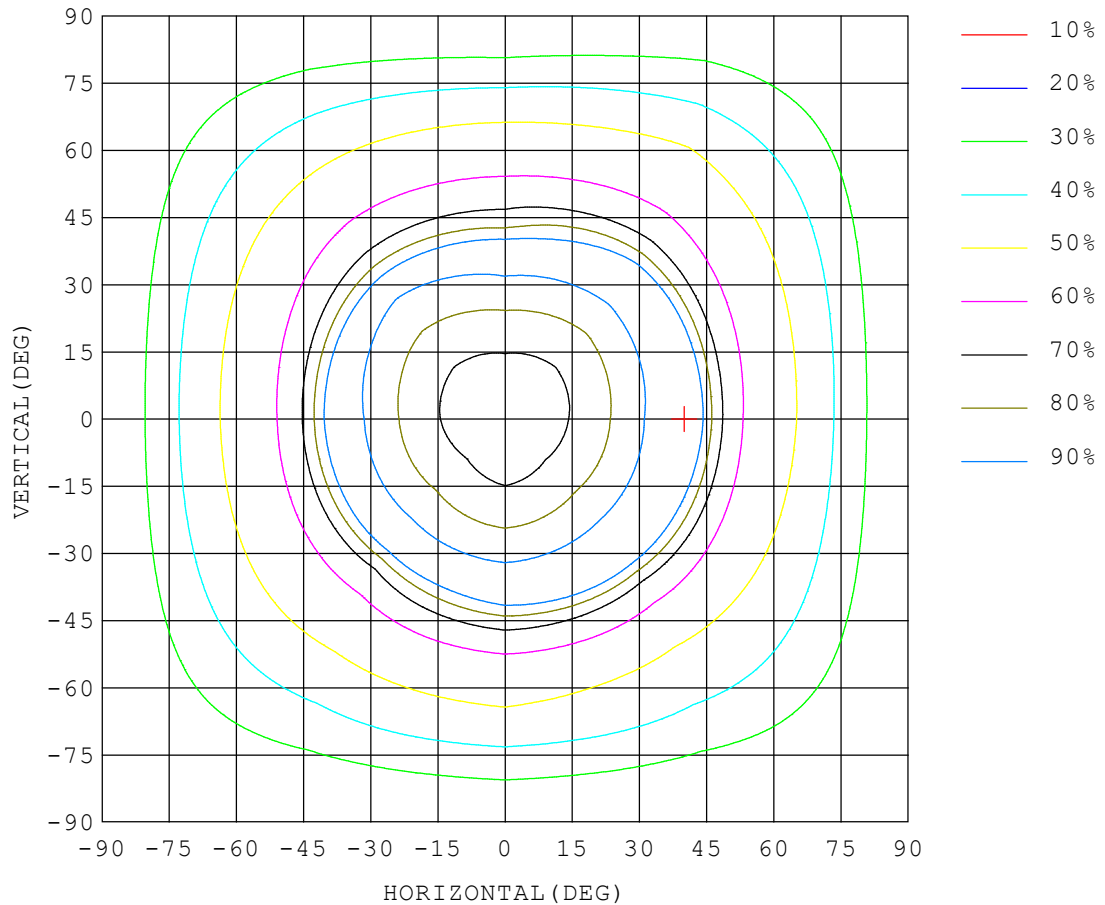
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ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 10330 OFNAB		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 0	DIMENSION:	SERIAL No.:

UNIT: cd



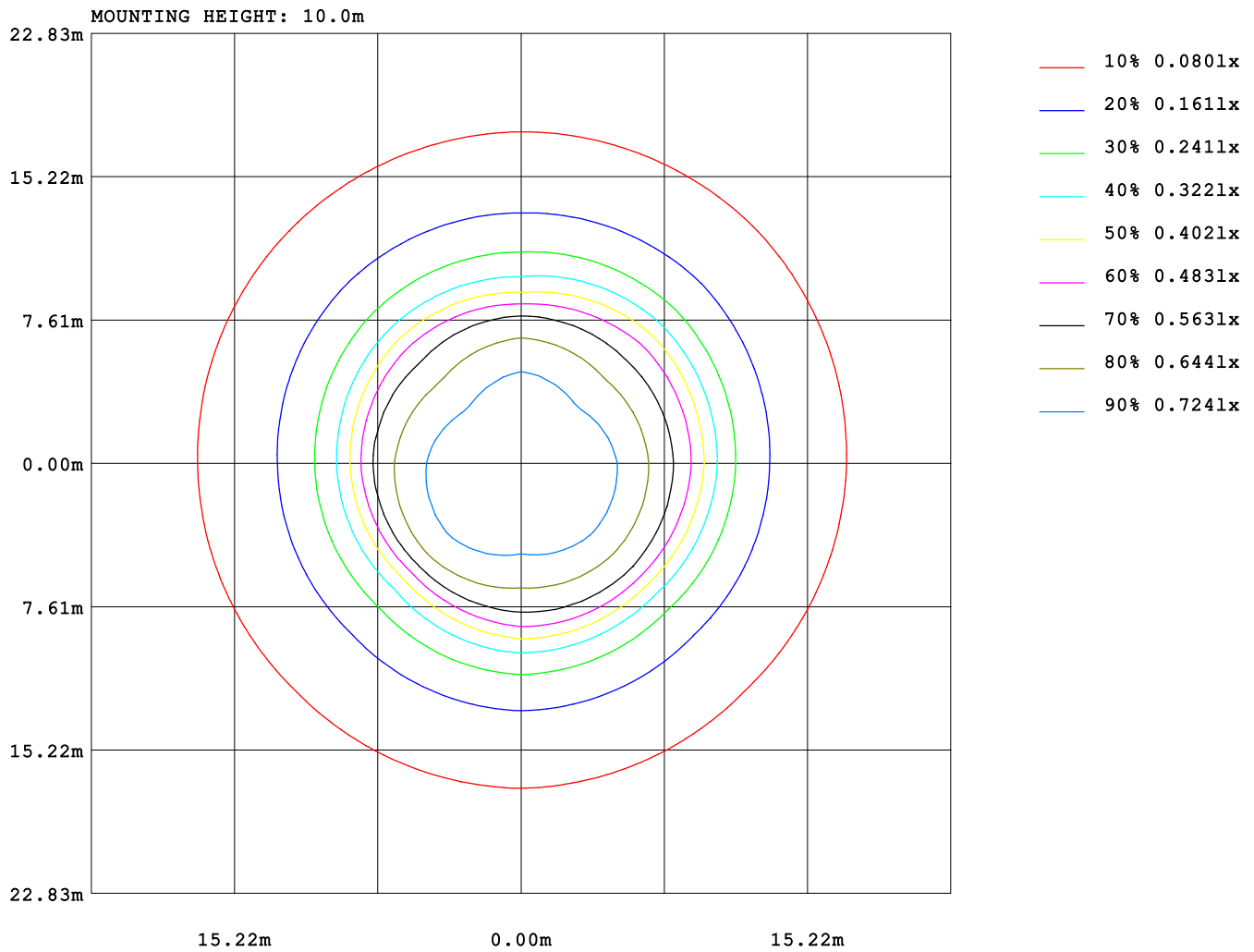
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Temperature:25.3DEG
Operators:
Test Date:2026年06月30日

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Humidity:65.0%
Test Distance:7.350 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 10330 OFNAB		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 0	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2026年06月30日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 7.350 m
Remarks:

UGR Table

Report number:

MANUFACTURER:											
Address:											
NAME: 10330 OFNAB					TYPE:			WEIGHT:			
SPECIFICATION:		CCT (K) : 0			DIMENSION:			SERIAL No.:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H	23.8	24.9	24.5	25.7	26.6	23.7	24.9	24.4	25.6	26.5	
3H	26.0	27.1	26.8	27.8	28.8	26.0	27.0	26.7	27.8	28.7	
4H	27.2	28.2	28.0	28.9	29.9	27.1	28.1	27.9	28.9	29.9	
6H	28.3	29.3	29.1	30.1	31.0	28.3	29.2	29.1	30.0	31.0	
8H	28.9	29.8	29.7	30.6	31.6	28.9	29.8	29.7	30.6	31.6	
12H	29.6	30.5	30.4	31.3	32.3	29.6	30.5	30.4	31.3	32.3	
4H 2H	24.4	25.4	25.2	26.2	27.1	24.3	25.3	25.1	26.1	27.1	
3H	26.8	27.7	27.6	28.5	29.5	26.8	27.6	27.6	28.5	29.5	
4H	28.1	28.9	29.0	29.7	30.8	28.1	28.9	28.9	29.7	30.7	
6H	29.5	30.2	30.3	31.0	32.1	29.4	30.1	30.3	31.0	32.0	
8H	30.2	30.8	31.0	31.7	32.7	30.1	30.8	31.0	31.6	32.7	
12H	31.0	31.6	31.9	32.5	33.5	31.0	31.6	31.9	32.4	33.5	
8H 4H	28.5	29.2	29.4	30.0	31.1	28.5	29.1	29.4	30.0	31.1	
6H	30.1	30.6	31.0	31.5	32.6	30.1	30.6	30.9	31.5	32.6	
8H	31.0	31.5	31.9	32.4	33.5	31.0	31.4	31.8	32.3	33.5	
12H	32.0	32.5	33.0	33.4	34.5	32.0	32.5	33.0	33.4	34.5	
12H 4H	28.6	29.2	29.5	30.1	31.2	28.6	29.2	29.4	30.0	31.1	
6H	30.3	30.7	31.2	31.6	32.8	30.2	30.7	31.1	31.6	32.7	
8H	31.2	31.7	32.2	32.6	33.7	31.2	31.6	32.1	32.6	33.7	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 668.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.4)

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Operators:
Test Date:2026年06月30日

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UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:			
Address:			
NAME: 10330 OFNAB		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K) : 0	DIMENSION:	SERIAL No. :

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	32	25	42	31	24	39	29	23	16
0.80	53	40	32	50	39	31	46	36	30	21
1.00	60	48	39	58	46	38	52	44	36	26
1.25	67	55	46	64	53	45	58	48	42	30
1.50	73	60	52	69	58	50	62	53	46	33
2.00	80	69	61	75	66	58	67	60	54	38
2.50	85	75	67	80	71	64	71	64	58	41
3.00	88	79	72	83	75	69	74	67	62	44
4.00	93	85	79	87	81	75	77	72	67	48
5.00	96	89	84	90	84	79	79	75	71	50
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

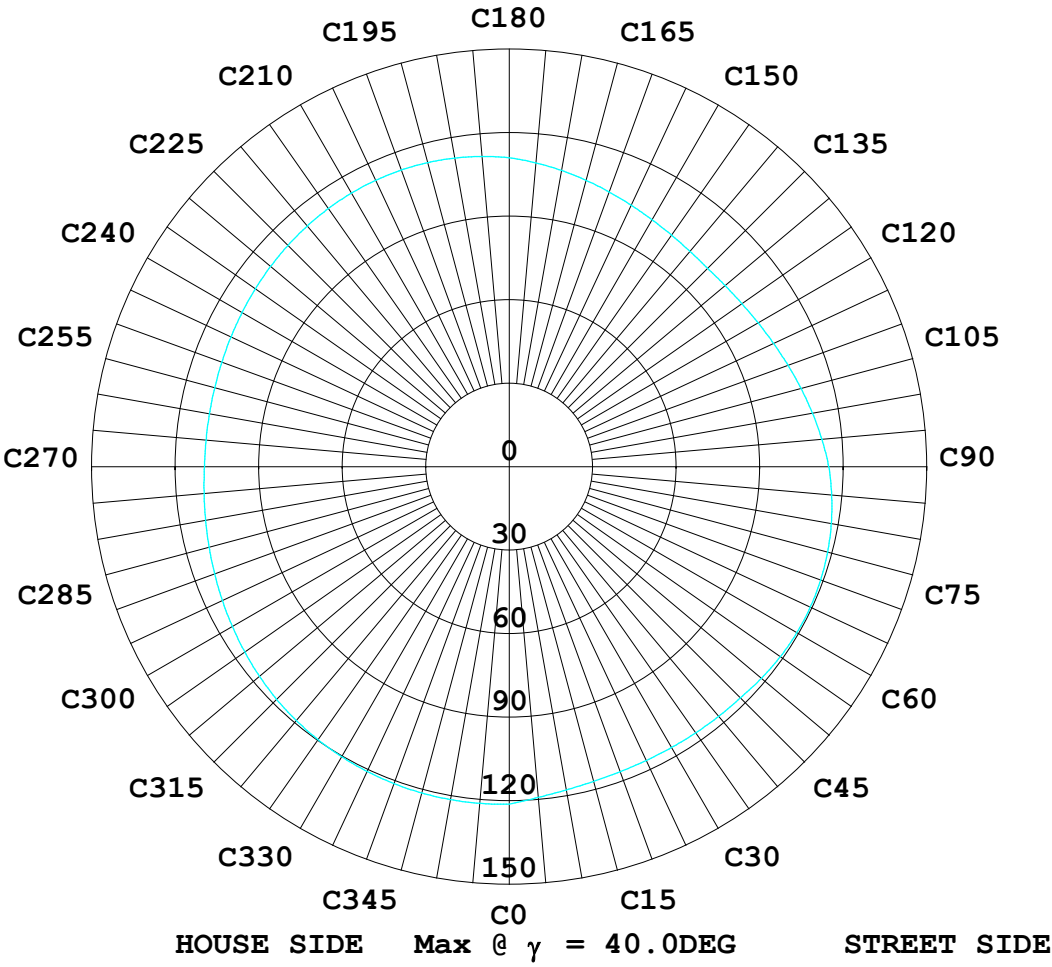
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