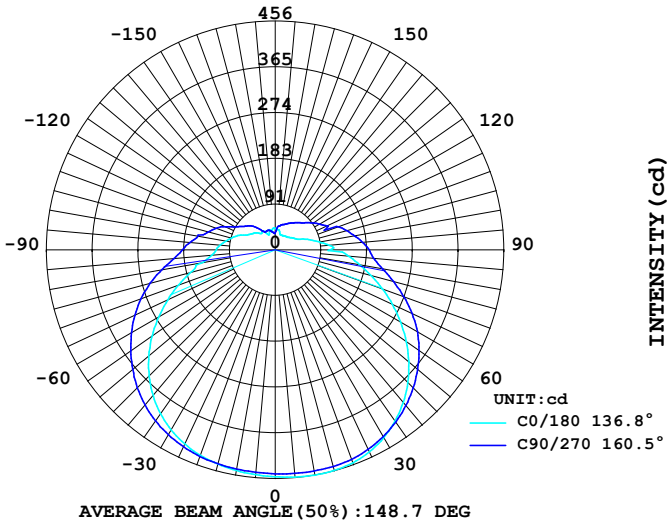
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: 带罩 E25069-92BKGLD-3000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

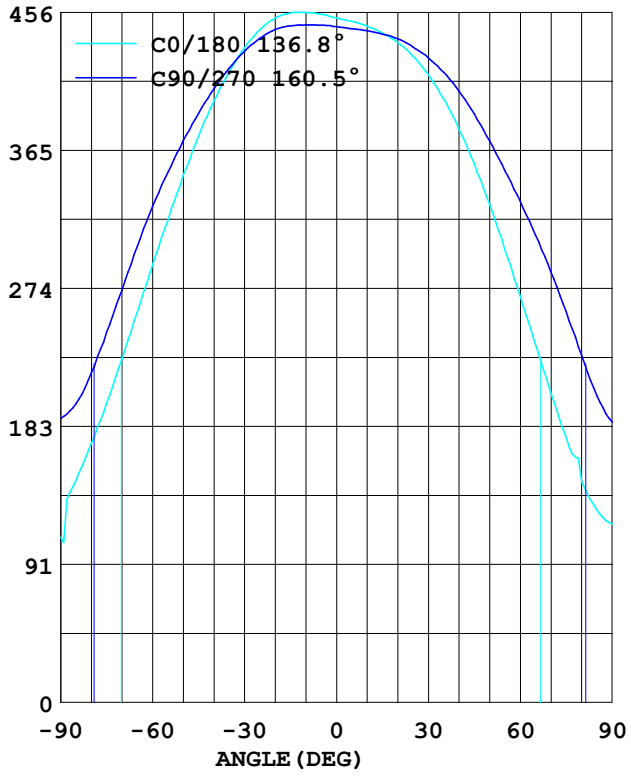
DATA OF LAMP		Imax(cd)	456.4	S/MH(C0/180)	1.42
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.44
NOMINAL POWER(W)	60	TOTAL FLUX(lm)	2452.9	Voltage(V)	120.9
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	40.8	Current(A)	0.498
NOMINAL FLUX(lm)	2452.9	η up(%)	21.9	Power(W)	60.13
LAMPS QUANTITY	1	η down(%)	78.1	Power Factor(PF)	0.998
TEST VOLTAGE(V)	120.9	Effictive Flux(lm)	2406.3	EEI	0.340

LUMINOUS INTENSITY DISTRIBUTION



AVERAGE BEAM ANGLE(50%):148.7 DEG

LUMINOUS INTENSITY DISTRIBUTION



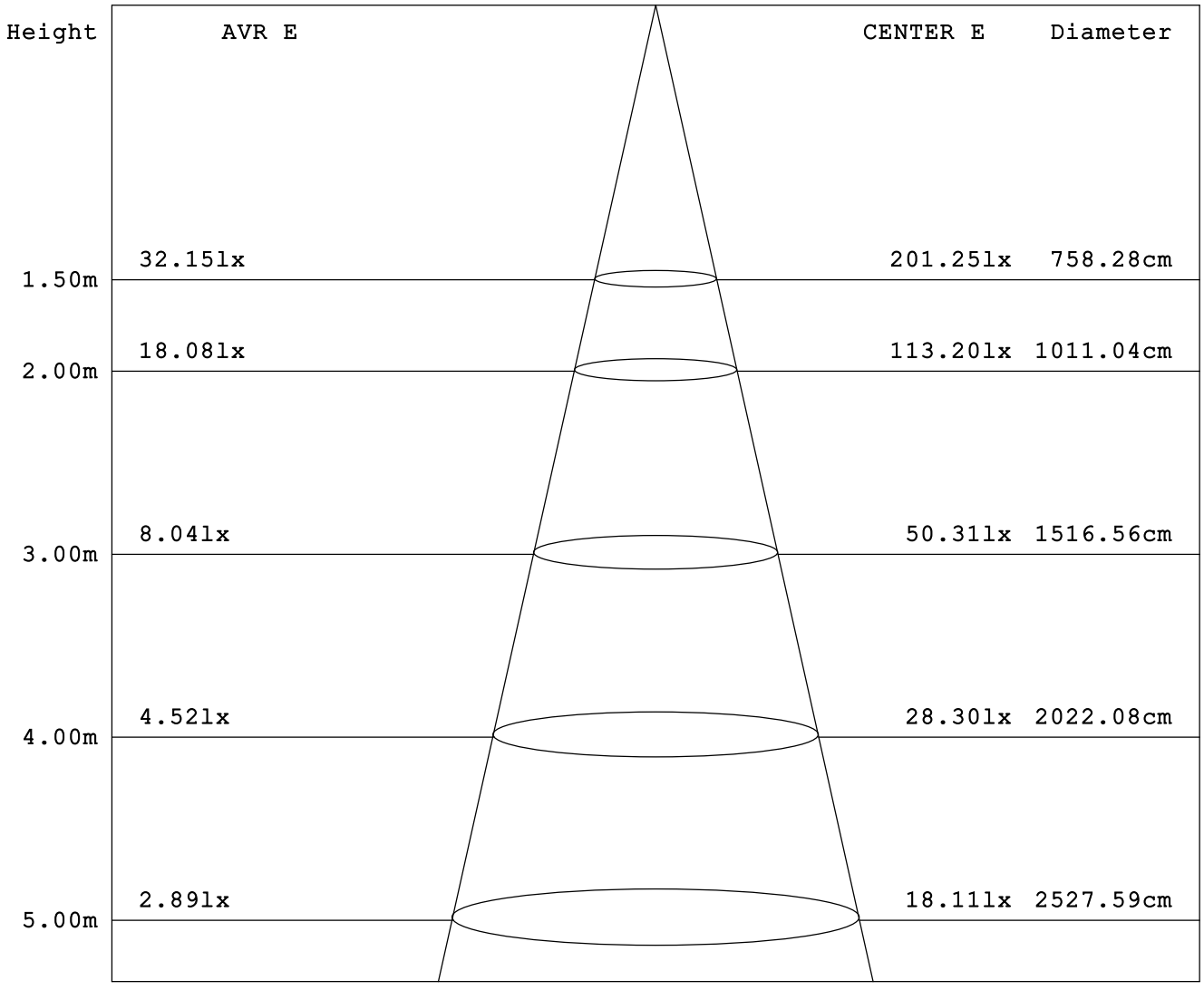
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年10月21日

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:

MANUFACTURER:			
Address:			
NAME: 带罩 E25069-92BKGLD-3000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Angle:136.8deg

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年10月21日

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

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 带罩 E25069-92BKGLD-3000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	455.1	453.2	447.9	442.3	450.4	448.0	445.6	445.1	0- 5	10.72	10.72
10.0	456.4	454.3	448.0	440.5	447.3	444.6	444.3	446.3	5- 10	32.06	42.79
15.0	456.0	453.4	447.5	437.9	442.8	439.9	442.0	446.4	10- 15	53.00	95.79
20.0	452.6	450.3	445.1	433.3	436.4	434.3	439.0	445.3	15- 20	73.18	168.9
25.0	444.9	443.5	439.1	426.1	427.4	426.8	433.4	442.1	20- 25	92.07	261.0
30.0	432.9	433.3	430.6	416.5	415.2	416.1	426.3	436.3	25- 30	109.0	370.1
35.0	417.1	418.1	419.6	403.8	399.2	402.9	416.7	428.3	30- 35	123.5	493.7
40.0	397.6	398.8	405.8	388.0	379.1	385.2	404.2	417.0	35- 40	135.2	628.9
45.0	374.2	376.5	389.4	370.4	356.3	364.1	389.2	402.1	40- 45	143.5	772.4
50.0	348.3	349.8	371.4	350.0	329.3	340.8	371.3	385.1	45- 50	148.2	920.7
55.0	319.0	320.8	350.6	327.3	299.4	314.5	351.6	365.2	50- 55	149.3	1070
60.0	289.6	292.4	328.3	304.4	268.9	286.3	331.5	343.2	55- 60	147.1	1217
65.0	258.2	262.5	301.5	280.4	236.6	259.0	309.0	321.2	60- 65	141.9	1359
70.0	227.0	233.9	272.7	253.6	204.6	231.7	284.6	293.6	65- 70	133.9	1493
75.0	198.1	205.0	244.8	225.3	175.2	205.4	258.4	264.4	70- 75	123.3	1617
80.0	171.0	177.8	217.7	197.8	146.1	182.1	229.7	235.5	75- 80	111.6	1728
85.0	146.8	158.8	197.3	173.8	127.1	161.0	202.7	205.5	80- 85	99.31	1828
90.0	109.4	142.7	187.8	164.5	118.0	146.0	185.4	179.7	85- 90	89.07	1917
95.0	108.6	125.4	175.5	159.6	110.3	137.1	170.8	165.5	90- 95	82.12	1999
100.0	90.32	108.4	161.4	148.0	100.4	121.4	157.4	151.8	95-100	74.09	2073
105.0	76.22	90.54	148.1	136.0	91.13	115.0	138.7	136.7	100-105	66.00	2139
110.0	63.09	74.49	134.5	123.2	82.11	103.9	126.0	120.3	105-110	57.17	2196
115.0	50.72	61.53	114.3	108.0	70.01	93.24	110.0	107.6	110-115	48.65	2245
120.0	45.54	51.26	103.2	91.62	61.47	83.73	92.05	88.97	115-120	40.38	2285
125.0	42.02	50.99	93.89	69.41	56.45	74.60	81.84	75.84	120-125	33.53	2319
130.0	38.57	53.05	84.49	53.15	53.10	65.74	74.22	65.52	125-130	28.01	2347
135.0	35.92	53.26	76.60	51.26	47.70	57.75	68.12	46.56	130-135	23.36	2370
140.0	34.79	52.67	71.09	54.94	43.32	50.72	58.12	32.14	135-140	19.28	2389
145.0	33.71	51.75	66.23	57.47	45.05	44.94	47.53	27.71	140-145	16.07	2405
150.0	32.73	46.24	62.23	57.69	41.38	39.32	41.54	29.65	145-150	13.39	2419
155.0	32.25	37.27	58.02	55.53	34.25	33.22	41.59	32.35	150-155	10.66	2429
160.0	32.19	35.49	54.13	53.15	35.38	27.76	41.75	34.41	155-160	8.316	2438
165.0	35.76	39.81	52.18	49.32	42.02	23.71	39.86	36.19	160-165	6.528	2444
170.0	40.73	41.11	48.18	42.67	39.59	37.59	36.89	35.87	165-170	4.768	2449
175.0	41.54	43.70	43.16	39.05	43.75	40.19	34.14	38.24	170-175	2.892	2452
180.0	42.24	42.40	34.30	37.16	43.27	42.89	34.35	36.95	175-180	0.955	2453
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年10月21日

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

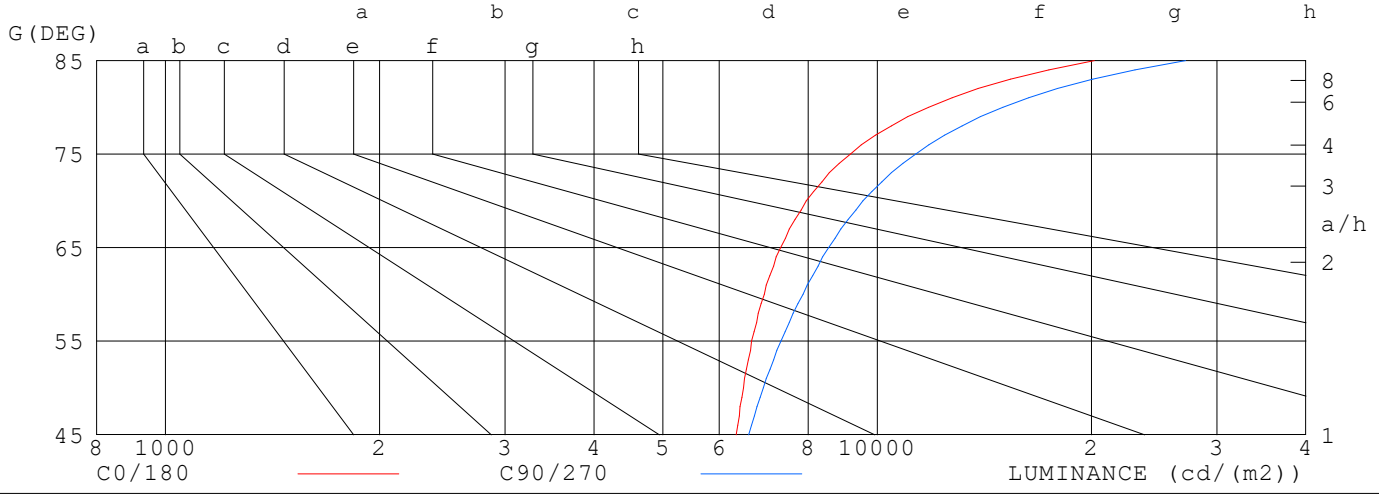
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 带罩 E25069-92BKGLD-3000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/m2		
G(DEG)	C0/180	C90/270
85	20176	27117
80	11800	15015
75	9166	11331
70	7949	9549
65	7319	8545
60	6938	7865
55	6662	7322
50	6491	6921
45	6338	6596

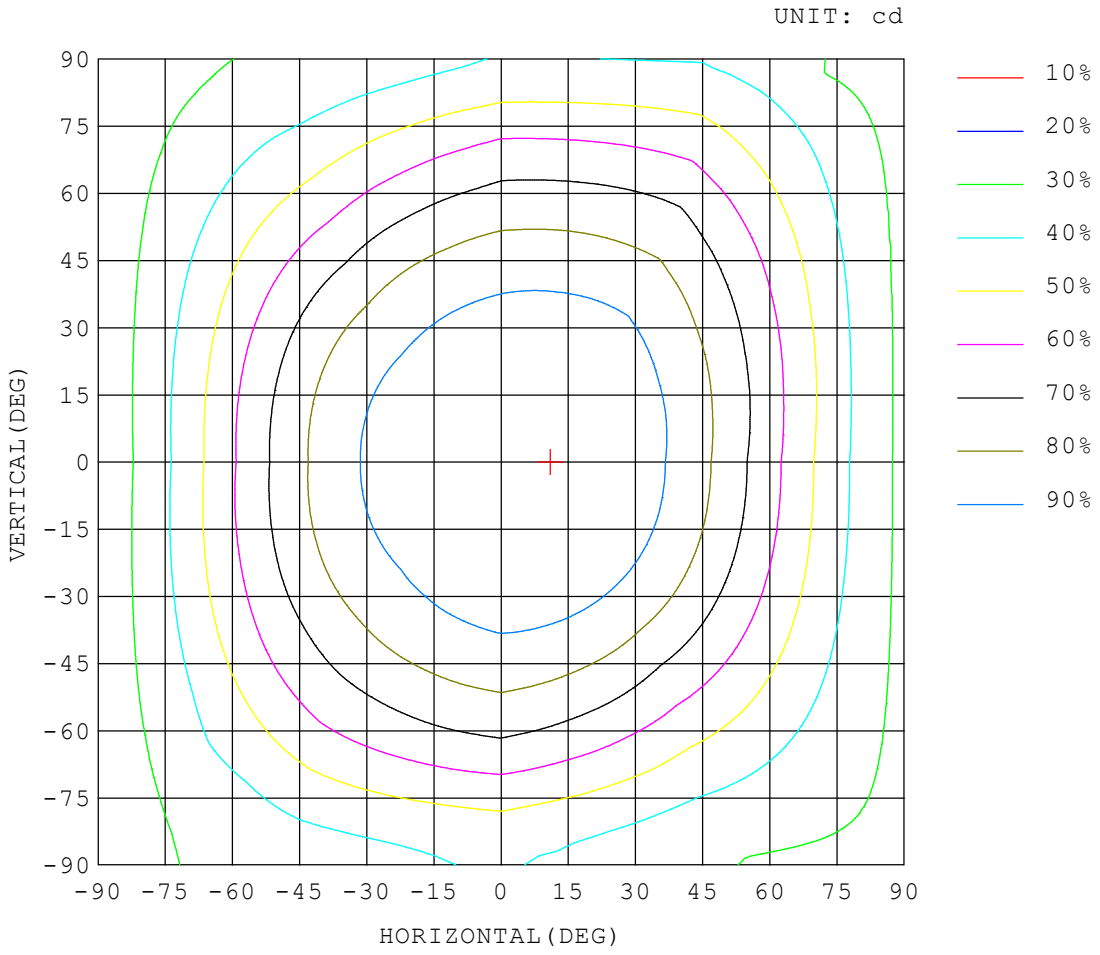
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年10月21日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 带罩 E25069-92BKGLD-3000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



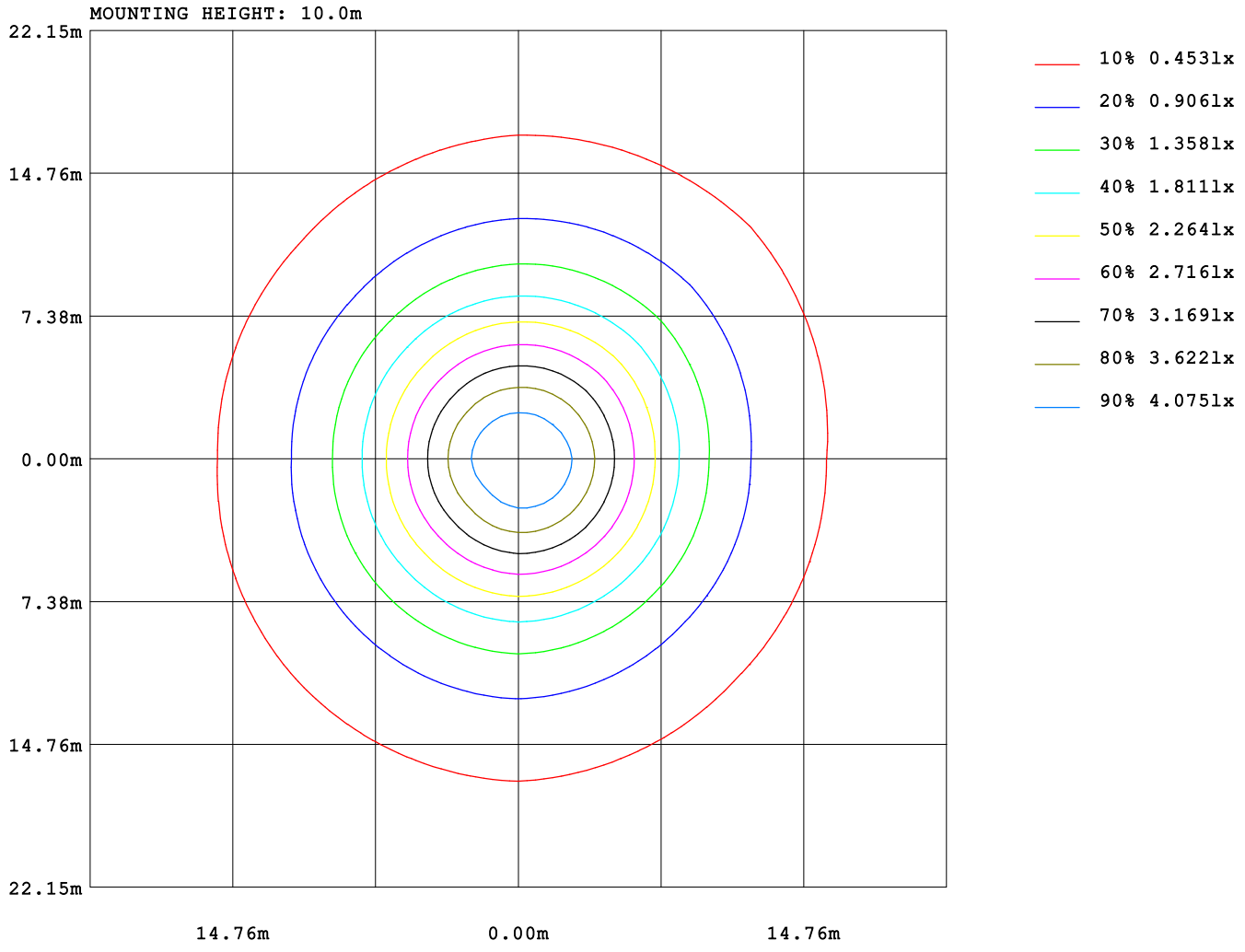
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年10月21日

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 带罩 E25069-92BKGLD-3000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年10月21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: 带罩 E25069-92BKGLD-3000K		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	18.1	19.4	18.6	20.0	20.6	18.5	19.9	19.1	20.4	21.1
3H	20.2	21.5	20.8	22.1	22.8	21.0	22.2	21.5	22.8	23.5
4H	21.4	22.6	22.0	23.2	23.9	22.3	23.4	22.9	24.0	24.8
6H	22.6	23.7	23.3	24.4	25.1	23.7	24.8	24.3	25.4	26.2
8H	23.3	24.4	24.0	25.0	25.8	24.5	25.6	25.1	26.2	26.9
12H	24.1	25.1	24.8	25.8	26.5	25.4	26.5	26.1	27.1	27.9
4H 2H	18.8	20.0	19.4	20.6	21.3	19.2	20.3	19.8	20.9	21.6
3H	21.2	22.2	21.9	22.9	23.6	21.8	22.8	22.4	23.5	24.2
4H	22.5	23.5	23.2	24.1	24.9	23.3	24.2	23.9	24.9	25.7
6H	23.9	24.8	24.6	25.5	26.3	24.9	25.7	25.6	26.4	27.2
8H	24.7	25.5	25.4	26.2	27.1	25.8	26.6	26.5	27.3	28.1
12H	25.6	26.4	26.4	27.1	27.9	26.9	27.6	27.6	28.3	29.2
8H 4H	23.1	23.9	23.8	24.6	25.4	23.7	24.5	24.4	25.2	26.0
6H	24.8	25.4	25.5	26.2	27.0	25.6	26.2	26.3	27.0	27.8
8H	25.7	26.3	26.5	27.1	28.0	26.7	27.3	27.4	28.0	28.9
12H	26.9	27.4	27.6	28.2	29.1	28.0	28.5	28.8	29.3	30.2
12H 4H	23.2	23.9	23.9	24.7	25.5	23.7	24.5	24.5	25.2	26.1
6H	25.0	25.6	25.8	26.4	27.3	25.7	26.3	26.5	27.1	28.0
8H	26.1	26.6	26.9	27.4	28.3	26.9	27.5	27.7	28.2	29.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 2453 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年10月21日

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

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:			
Address:			
NAME: 带罩 E25069-92BKGLD-3000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

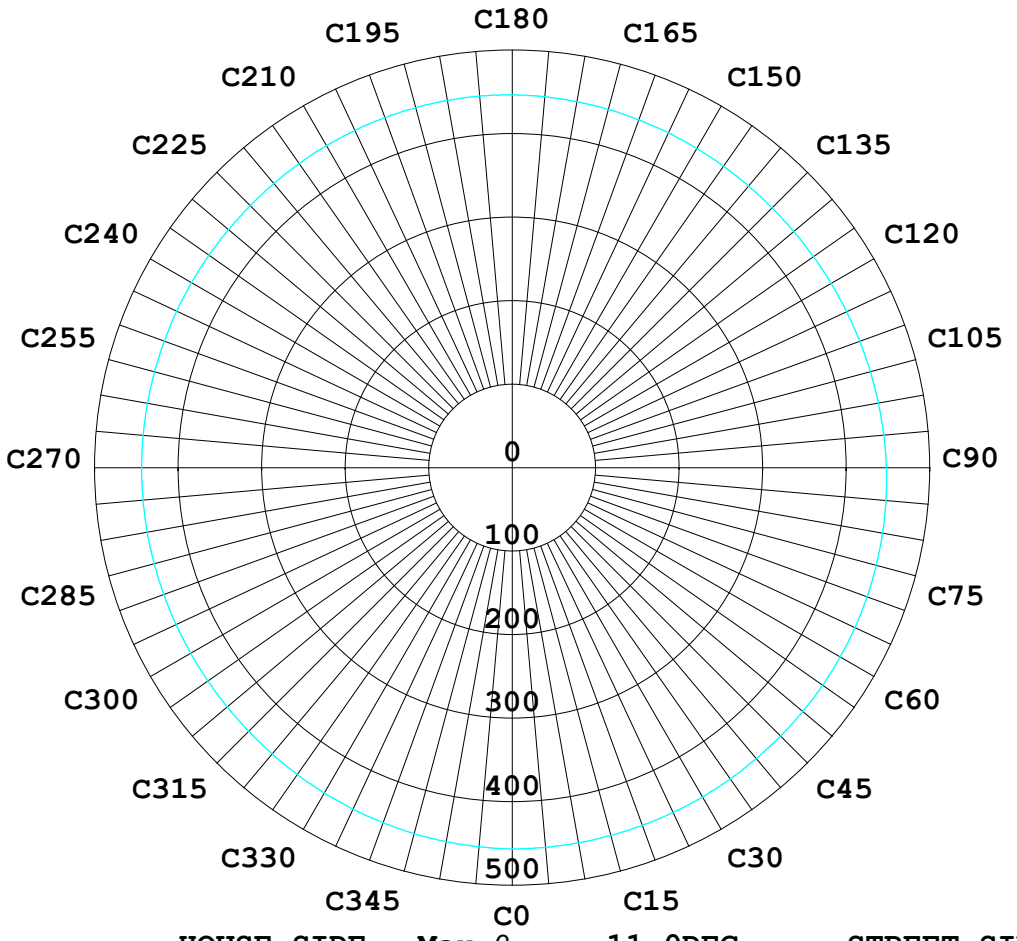
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	46	33	26	45	33	26	43	32	25	18
0.80	55	42	34	53	41	33	50	39	32	24
1.00	63	49	41	61	48	40	57	49	39	30
1.25	70	57	48	67	55	47	62	52	45	35
1.50	75	62	53	72	60	52	67	57	50	39
2.00	82	71	62	79	68	61	73	64	57	45
2.50	87	76	68	83	74	66	76	69	62	49
3.00	91	81	73	87	78	71	79	72	67	52
4.00	95	87	80	91	84	78	83	78	72	57
5.00	99	91	85	94	88	82	86	81	76	60
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

Test System:HOPOO HPG1800 Test Set: 8.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG Humidity:65.0%
Operators: Test Distance:7.350 m
Test Date:2026年10月21日 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 带罩 E25069-92BKGLD-3000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



HOUSE SIDE Max @ γ = 11.0DEG STREET SIDE

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年10月21日

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