

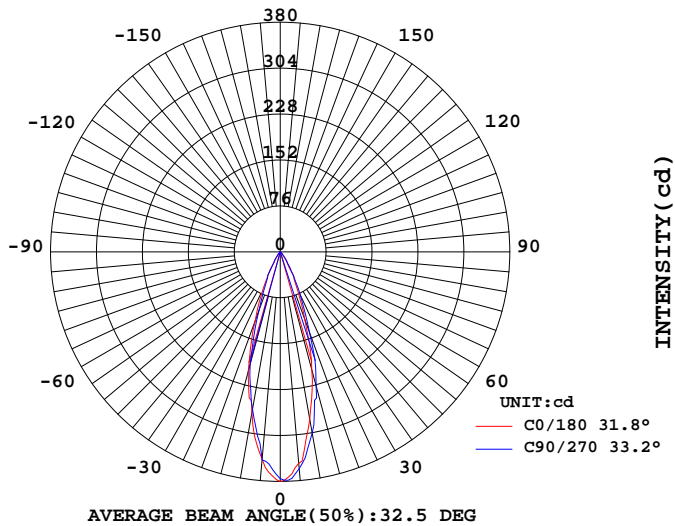
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

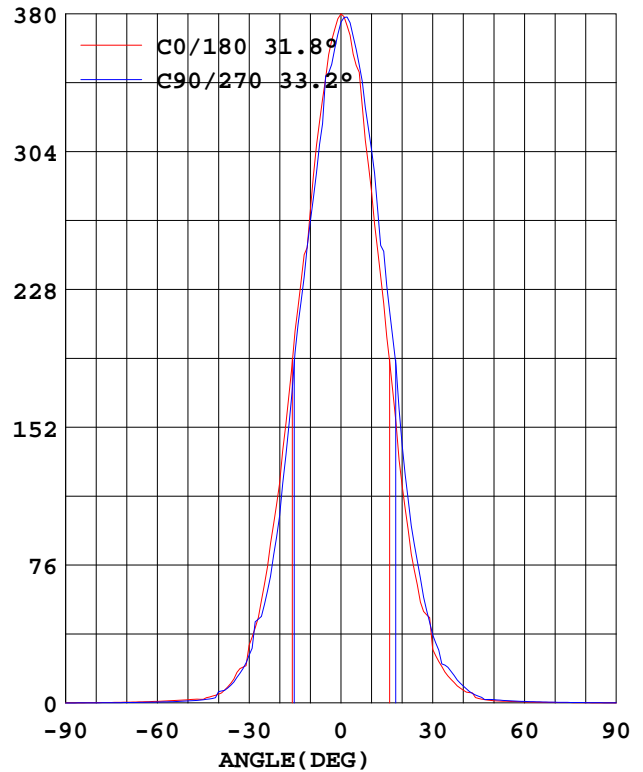
MANUFACTURER:					
Address:					
NAME:			TYPE:		WEIGHT:
SPECIFICATION:	CCT(K): 0		DIMENSION:		SERIAL No.:

DATA OF LAMP		Imax(cd)	379.8	S/MH(C0/180)	0.52
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.50
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	132.0	Voltage(V)	12.02
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	40.1	Current(A)	0.365
NOMINAL FLUX(lm)	132.0	$\eta$ up(%)	0.5	Power(W)	3.290
LAMPS QUANTITY	1	$\eta$ down(%)	99.5	Power Factor(PF)	0.749
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	116.4	EEI	0.217

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:1.000 m  
Remarks:

Color Temperature Data List

Report number:

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

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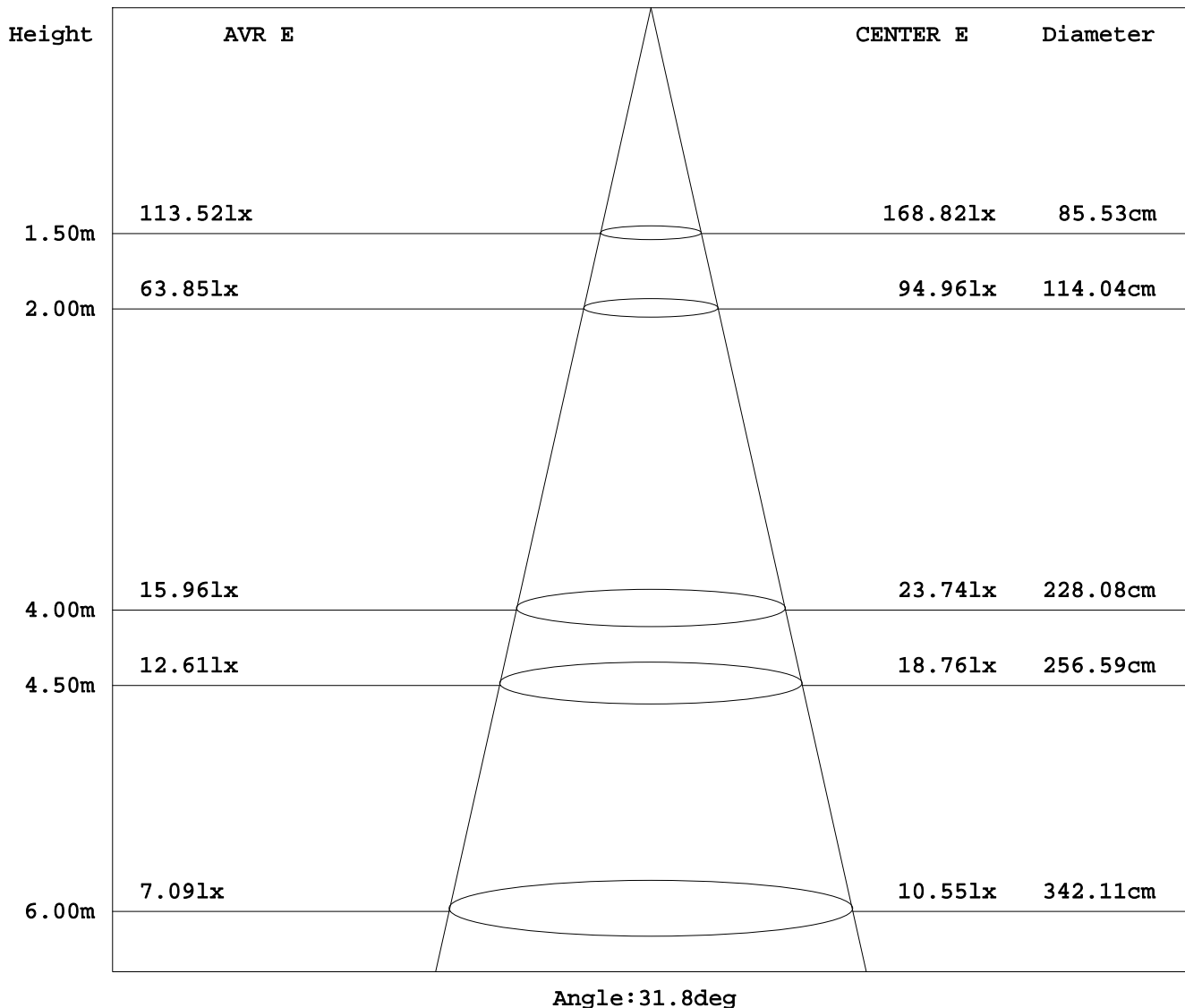
Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:1.000 m  
Remarks:

## AVERAGE AND CENTER E Figure

Report number:

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



Test System: HOPPO HP880D  
Temperature: 25.3DEG  
Operators:  
Test Date: 11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
Test Distance: 1.000 m  
Remarks:

# HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

## ZONAL FLUX DIAGRAM

Report number:

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

γ	C0	C90	C180	C270					γ	zone	total
5.0	344.1	345.4	351.3	360.2					0- 5	8.653	8.653
10.0	270.8	264.9	281.8	304.8					5- 10	22.38	31.03
15.0	204.9	193.0	201.7	229.9					10- 15	28.64	59.68
20.0	121.3	103.3	119.8	142.3					15- 20	26.87	86.56
25.0	65.39	54.28	65.06	78.07					20- 25	18.99	105.5
30.0	31.70	26.24	29.54	37.55					25- 30	12.14	117.7
35.0	13.20	11.54	14.85	19.62					30- 35	6.282	123.9
40.0	4.795	6.203	6.981	9.287					35- 40	3.388	127.3
45.0	1.990	1.760	2.394	3.687					40- 45	1.579	128.9
50.0	1.757	1.069	1.221	1.788					45- 50	0.734	129.6
55.0	1.285	0.678	0.841	1.183					50- 55	0.528	130.2
60.0	0.872	0.470	0.564	0.816					55- 60	0.384	130.6
65.0	0.591	0.311	0.359	0.536					60- 65	0.270	130.8
70.0	0.396	0.199	0.249	0.359					65- 70	0.187	131.0
75.0	0.258	0.130	0.178	0.254					70- 75	0.131	131.1
80.0	0.158	0.067	0.108	0.164					75- 80	0.088	131.2
85.0	0.071	0.019	0.050	0.102					80- 85	0.050	131.3
90.0	0.018	0	0	0.046					85- 90	0.019	131.3
95.0	0.013	0	0	0.018					90- 95	0.005	131.3
100.0	0.008	0	0	0.017					95-100	0.004	131.3
105.0	0.008	0	0	0.015					100-105	0.003	131.3
110.0	0.006	0.002	0	0.007					105-110	0.003	131.3
115.0	0.006	0	0.004	0.009					110-115	0.002	131.3
120.0	0.010	0.007	0.009	0.009					115-120	0.004	131.3
125.0	0.013	0.015	0.014	0.011					120-125	0.005	131.3
130.0	0.028	0.031	0.034	0.019					125-130	0.009	131.3
135.0	0.061	0.070	0.072	0.047					130-135	0.017	131.4
140.0	0.122	0.130	0.148	0.094					135-140	0.034	131.4
145.0	0.230	0.218	0.270	0.182					140-145	0.056	131.4
150.0	0.370	0.317	0.437	0.321					145-150	0.085	131.5
155.0	0.530	0.410	0.614	0.493					150-155	0.110	131.6
160.0	0.646	0.463	0.740	0.643					155-160	0.120	131.8
165.0	0.669	0.452	0.765	0.727					160-165	0.106	131.9
170.0	0.607	0.417	0.689	0.713					165-170	0.076	131.9
175.0	0.518	0.404	0.588	0.613					170-175	0.041	132.0
180.0	0.490	0.464	0.489	0.461					175-180	0.012	132.0
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HP880D  
 Temperature:25.3DEG  
 Operators:  
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:1.000 m  
 Remarks:

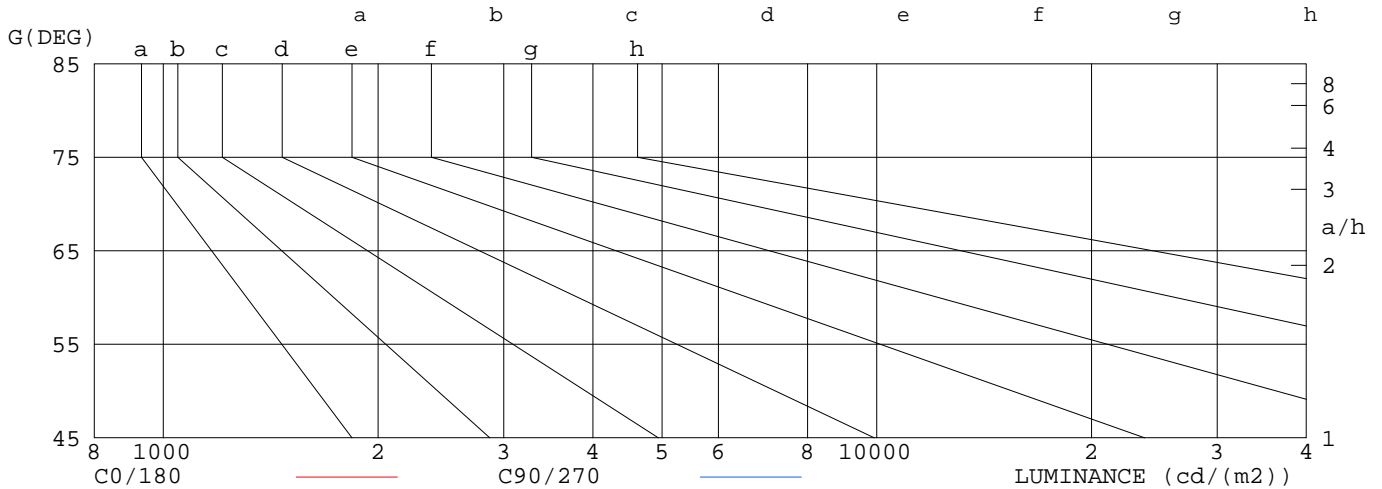
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME:		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



LUMINANCE cd/m2		
G( DEG )	C0/180	C90/270
85	8	2
80	9	4
75	10	5
70	12	6
65	14	7
60	17	9
55	22	12
50	27	17
45	28	25

Test System:HOPPO HP880D  
 Temperature:25.3DEG  
 Operators:  
 Test Date:11-02-2023

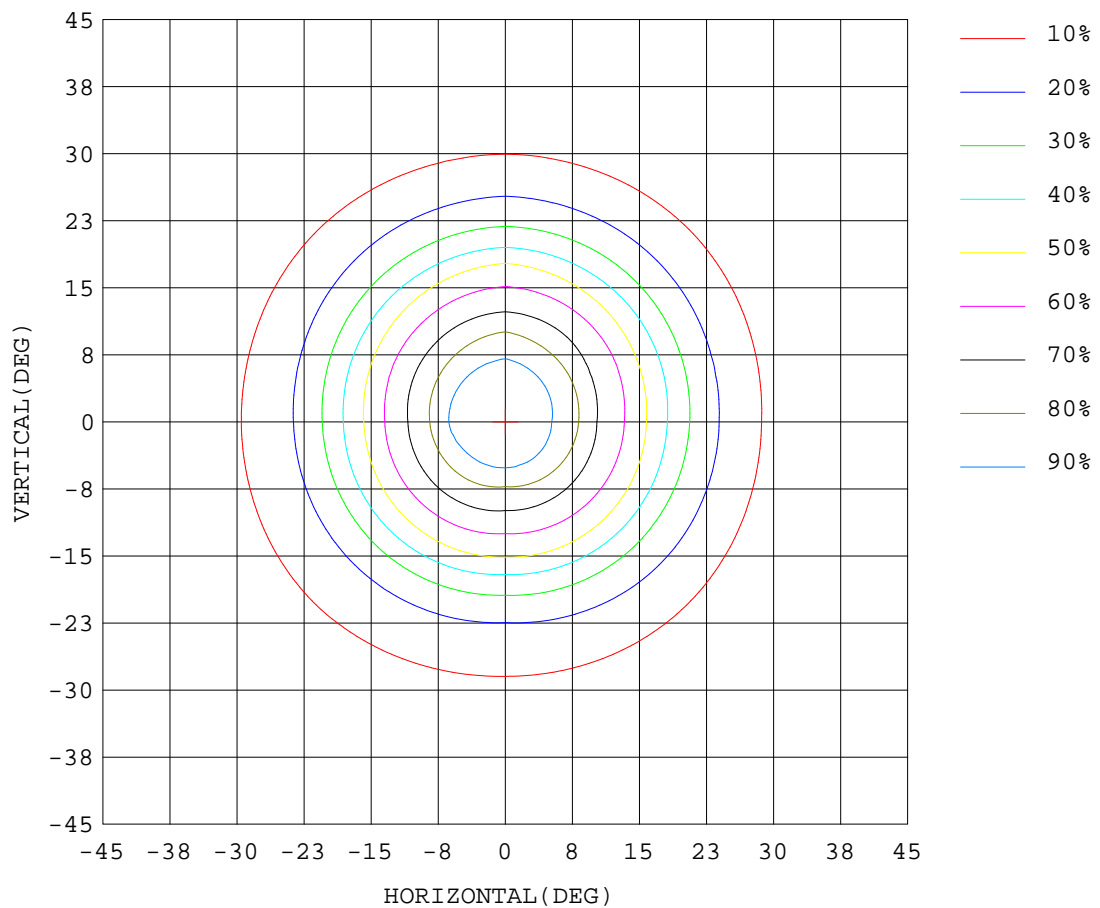
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:1.000 m  
 Remarks:

## ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



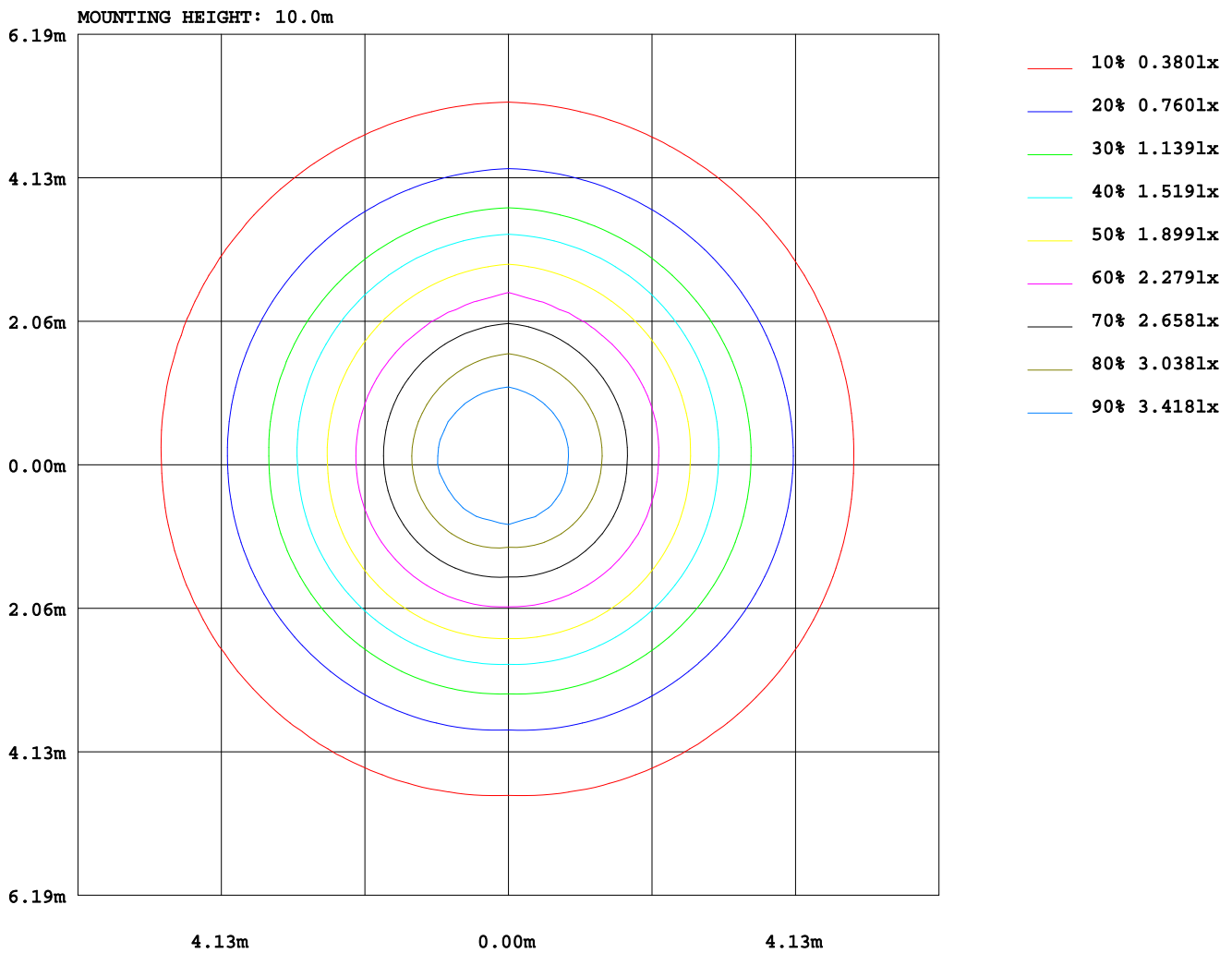
Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:1.000 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

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



Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:1.000 m  
Remarks:

# HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

## AREA LUMINOUS FLUX

Report number:

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

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.00	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.04	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.38	0.00		
45	0.01	0.01	0.01	0.02	0.04	0.06	0.08	0.09	0.10	0.10	0.09	0.07	0.05	0.03	0.02	0.01	0.01	0.01	0.81	0.00		
40	0.01	0.01	0.02	0.04	0.07	0.11	0.14	0.18	0.20	0.20	0.17	0.14	0.10	0.07	0.04	0.02	0.01	0.01	1.53	0.00		
35	0.01	0.02	0.04	0.07	0.12	0.19	0.28	0.36	0.42	0.41	0.35	0.27	0.18	0.12	0.07	0.03	0.02	0.01	2.96	1.73		
30	0.01	0.03	0.06	0.11	0.20	0.35	0.51	0.67	0.79	0.79	0.68	0.51	0.33	0.19	0.11	0.05	0.02	0.01	5.42	4.59		
25	0.02	0.04	0.09	0.16	0.33	0.55	0.85	1.17	1.39	1.39	1.17	0.86	0.55	0.31	0.15	0.08	0.03	0.01	9.17	8.50		
20	0.02	0.05	0.11	0.24	0.45	0.80	1.28	1.70	1.96	1.96	1.70	1.28	0.81	0.45	0.22	0.10	0.04	0.02	13.2	12.6		
15	0.03	0.06	0.13	0.30	0.57	1.03	1.62	2.12	2.47	2.45	2.09	1.61	1.04	0.58	0.28	0.12	0.05	0.02	16.5	16.0		
10	0.03	0.06	0.14	0.33	0.63	1.16	1.78	2.37	2.76	2.74	2.33	1.76	1.16	0.65	0.31	0.13	0.05	0.02	18.4	17.9		
5	0.03	0.06	0.14	0.33	0.61	1.13	1.75	2.32	2.69	2.67	2.27	1.72	1.14	0.63	0.30	0.12	0.05	0.02	18.0	17.5		
0	0.02	0.06	0.12	0.29	0.53	0.96	1.52	1.98	2.25	2.24	1.95	1.51	0.97	0.54	0.26	0.11	0.04	0.02	15.4	14.8		
-5	0.02	0.05	0.10	0.22	0.41	0.70	1.12	1.51	1.71	1.71	1.51	1.12	0.72	0.41	0.20	0.09	0.04	0.01	11.6	11.1		
-10	0.01	0.04	0.07	0.14	0.30	0.46	0.70	0.94	1.09	1.09	0.94	0.71	0.47	0.28	0.13	0.06	0.03	0.01	7.49	6.83		
-15	0.01	0.02	0.05	0.09	0.17	0.30	0.41	0.51	0.58	0.58	0.52	0.41	0.28	0.16	0.09	0.04	0.02	0.01	4.25	3.43		
-20	0.01	0.01	0.03	0.06	0.09	0.15	0.22	0.29	0.32	0.31	0.28	0.21	0.14	0.09	0.05	0.02	0.01	0.01	2.30	0.91		
-25	0.01	0.01	0.02	0.03	0.05	0.07	0.10	0.12	0.14	0.14	0.12	0.10	0.07	0.04	0.02	0.01	0.01	0.01	1.07	0.00		
-30	0.00	0.01	0.01	0.01	0.02	0.04	0.05	0.06	0.06	0.06	0.05	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.51	0.00		
-35	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.21	0.00		
-40																						
-45																						
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)					10	15	20	25	30	35	40	45	
Φ t	0.24	0.55	1.15	2.48	4.63	8.11	12.4	16.4	19.0	18.9	16.3	12.3	8.11	4.60	2.28	1.03	0.45	0.22	132			
Φ a	0.00	0.00	0.00	1.30	3.78	7.37	11.7	15.8	18.3	18.2	15.6	11.7	7.37	3.71	0.97	0.00	0.00	0.00		116		

Test System:HOPPO HP880D  
 Temperature:25.3DEG  
 Operators:  
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:1.000 m  
 Remarks:

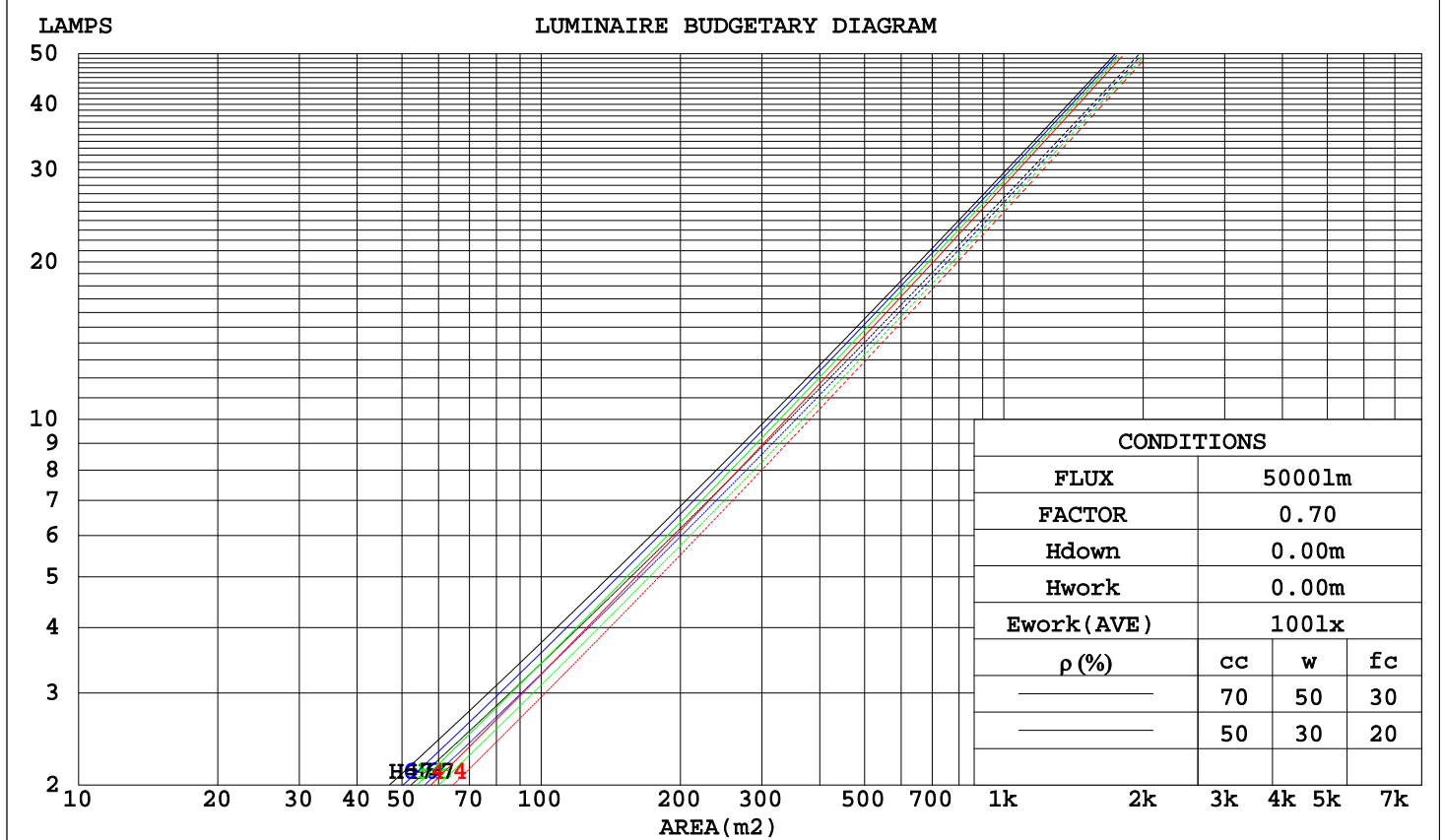


## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

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

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



Test System:HOP00 HP880D  
 Temperature:25.3DEG  
 Operators:  
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:1.000 m  
 Remarks:

# HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

## WEC AND CCEC

Report number:

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

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.153	.087	.028	.146	.083	.026	.133	.077	.024	.122	.070	.023	.111	.064	.021	
2.0	.143	.079	.024	.138	.076	.023	.127	.071	.022	.117	.066	.021	.108	.061	.019	
3.0	.135	.072	.021	.130	.070	.021	.121	.066	.020	.113	.062	.019	.105	.058	.018	
4.0	.127	.066	.019	.123	.064	.019	.115	.061	.018	.108	.058	.018	.102	.055	.017	
5.0	.120	.061	.018	.117	.060	.017	.110	.057	.017	.104	.055	.016	.098	.053	.016	
6.0	.114	.057	.016	.111	.056	.016	.106	.054	.016	.100	.052	.015	.095	.050	.015	
7.0	.109	.054	.015	.106	.053	.015	.101	.051	.015	.097	.050	.014	.092	.048	.014	
8.0	.104	.051	.014	.102	.050	.014	.097	.049	.014	.093	.047	.014	.089	.046	.013	
9.0	.100	.048	.013	.098	.048	.013	.094	.046	.013	.090	.045	.013	.086	.044	.013	
10.0	.096	.046	.013	.094	.045	.013	.090	.044	.012	.087	.043	.012	.084	.042	.012	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.173	.162	.151	.148	.139	.130	.102	.095	.090	.058	.055	.052	.019	.018	.017	
2.0	.157	.137	.120	.134	.118	.104	.092	.081	.072	.053	.047	.042	.017	.015	.014	
3.0	.143	.117	.097	.122	.101	.085	.084	.070	.059	.048	.041	.035	.016	.013	.011	
4.0	.131	.102	.081	.112	.088	.070	.077	.062	.049	.045	.036	.029	.014	.012	.010	
5.0	.121	.090	.068	.104	.078	.059	.072	.055	.042	.041	.032	.025	.013	.010	.008	
6.0	.113	.081	.058	.097	.070	.050	.067	.049	.035	.039	.029	.021	.013	.009	.007	
7.0	.106	.073	.050	.091	.063	.043	.063	.044	.031	.036	.026	.018	.012	.009	.006	
8.0	.099	.066	.043	.086	.057	.038	.059	.040	.027	.034	.024	.016	.011	.008	.005	
9.0	.094	.061	.038	.081	.053	.033	.056	.037	.024	.033	.022	.014	.011	.007	.005	
10.0	.089	.056	.034	.077	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	

Test System:HOPPO HP880D  
 Temperature:25.3DEG  
 Operators:  
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:1.000 m  
 Remarks:

## UGR Table

Report number:

MANUFACTURER:												
Address:												
NAME:					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	-6.3	-5.5	-6.0	-5.3	-5.2	-7.2	-6.5	-7.0	-6.3	-6.2
		3H	-6.2	-5.5	-5.9	-5.3	-5.1	-7.3	-6.6	-7.0	-6.4	-6.2
		4H	-6.2	-5.5	-5.9	-5.3	-5.1	-7.3	-6.7	-7.0	-6.4	-6.2
		6H	-6.2	-5.6	-5.9	-5.3	-5.1	-7.4	-6.7	-7.1	-6.5	-6.3
		8H	-6.2	-5.6	-5.9	-5.3	-5.1	-7.4	-6.8	-7.1	-6.5	-6.3
		12H	-6.2	-5.6	-5.9	-5.4	-5.1	-7.5	-6.9	-7.1	-6.6	-6.3
	4H	2H	-6.4	-5.7	-6.1	-5.5	-5.3	-7.3	-6.7	-7.1	-6.5	-6.2
		3H	-6.3	-5.7	-6.0	-5.4	-5.2	-7.3	-6.8	-7.0	-6.5	-6.2
		4H	-6.2	-5.7	-5.9	-5.4	-5.1	-7.4	-6.8	-7.0	-6.5	-6.2
		6H	-6.2	-5.7	-5.8	-5.4	-5.0	-7.4	-6.9	-7.0	-6.6	-6.2
		8H	-6.2	-5.8	-5.8	-5.4	-5.0	-7.4	-7.0	-7.0	-6.6	-6.3
		12H	-6.2	-5.8	-5.8	-5.4	-5.0	-7.5	-7.1	-7.1	-6.7	-6.3
	8H	4H	-6.3	-5.9	-5.9	-5.6	-5.2	-7.4	-7.0	-7.0	-6.7	-6.3
		6H	-6.3	-5.9	-5.8	-5.5	-5.1	-7.5	-7.1	-7.0	-6.7	-6.3
		8H	-6.2	-5.9	-5.8	-5.5	-5.1	-7.5	-7.2	-7.0	-6.7	-6.3
		12H	-6.2	-6.0	-5.8	-5.5	-5.0	-7.5	-7.3	-7.1	-6.8	-6.3
	12H	4H	-6.4	-6.0	-6.0	-5.6	-5.2	-7.5	-7.1	-7.1	-6.7	-6.3
		6H	-6.3	-6.0	-5.9	-5.6	-5.1	-7.5	-7.2	-7.0	-6.8	-6.3
		8H	-6.3	-6.0	-5.8	-5.6	-5.1	-7.5	-7.2	-7.0	-6.8	-6.3
Variations with the observer position at spacings:												
S = 1.0H		+ 2.6 / - 2.3					+ 2.8 / - 4.0					
1.5H		+ 4.5 / - 2.0					+ 4.7 / - 3.3					
2.0H		+ 1.3 / - 1.3					+ 1.8 / - 1.9					

CIE Pub.117 Corrected 132.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -7.0)

Test System:HOPPO HP880D  
 Temperature:25.3DEG  
 Operators:  
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:1.000 m  
 Remarks:

## UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:										
Address:										
NAME:					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	89	83	80	89	83	80	88	83	80	76
0.80	96	91	88	96	91	87	95	90	87	84
1.00	101	95	92	100	95	92	98	94	91	87
1.25	104	99	96	103	99	96	101	98	95	91
1.50	107	102	99	106	102	99	103	100	98	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

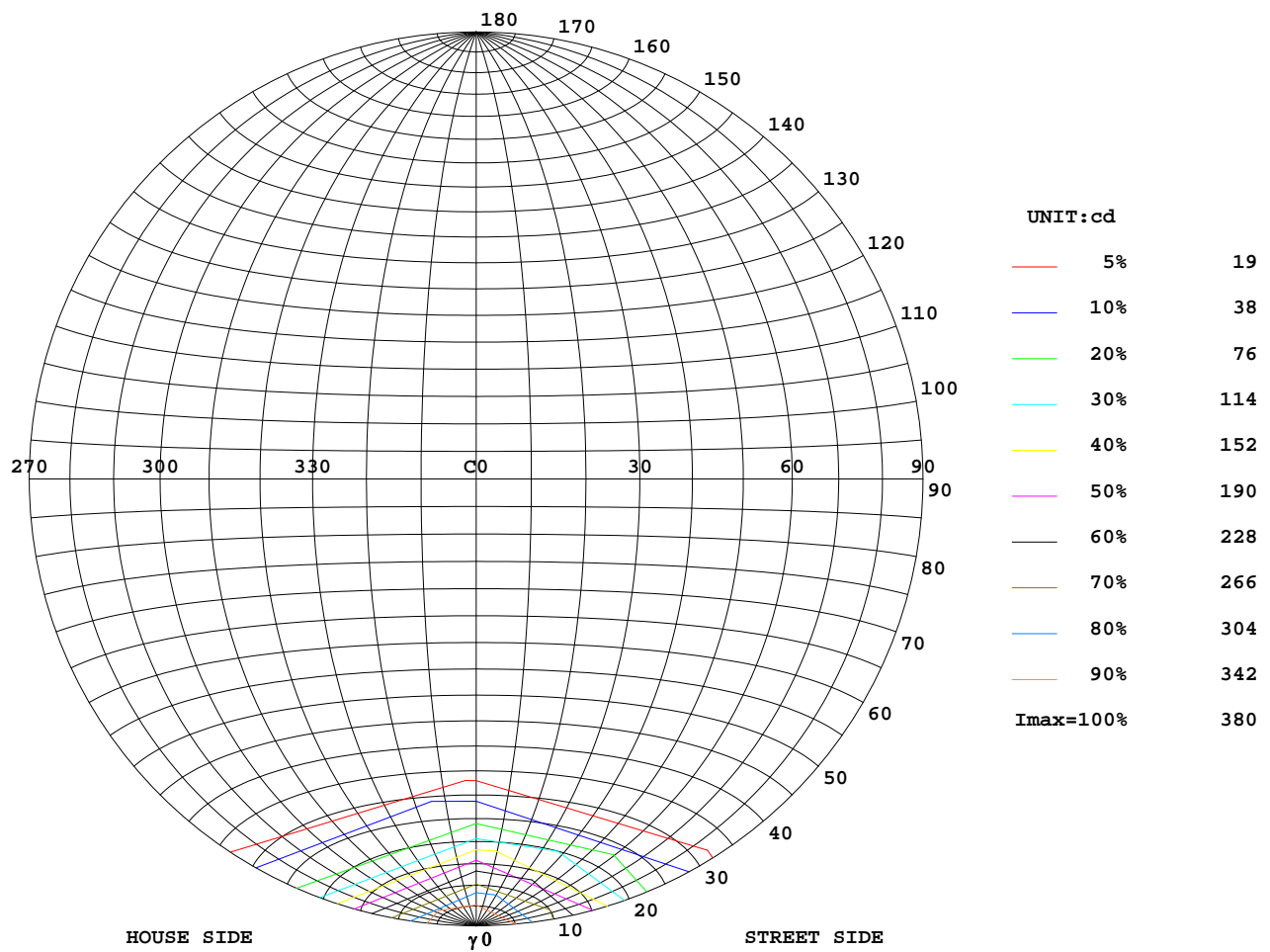
Test System:HOP00 HP880D  
 Temperature:25.3DEG  
 Operators:  
 Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:1.000 m  
 Remarks:

## ISOCANDELA DIAGRAM

Report number:

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



Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

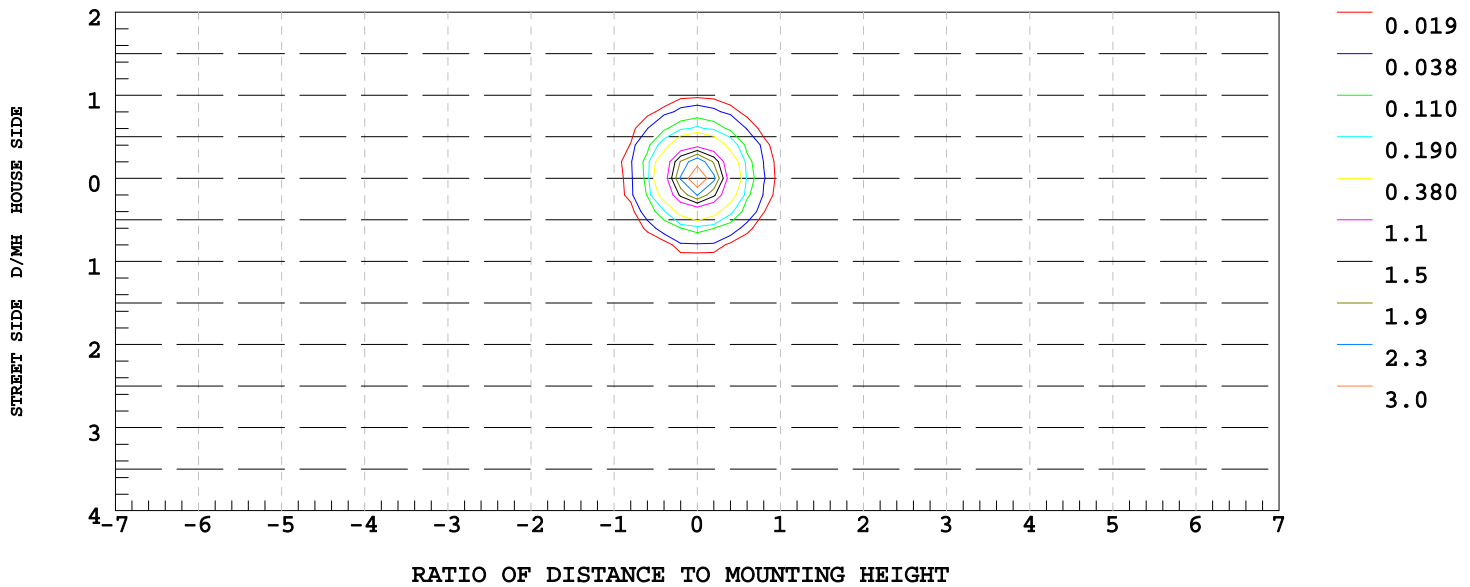
Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:1.000 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m,Enadir = 3.80 lx



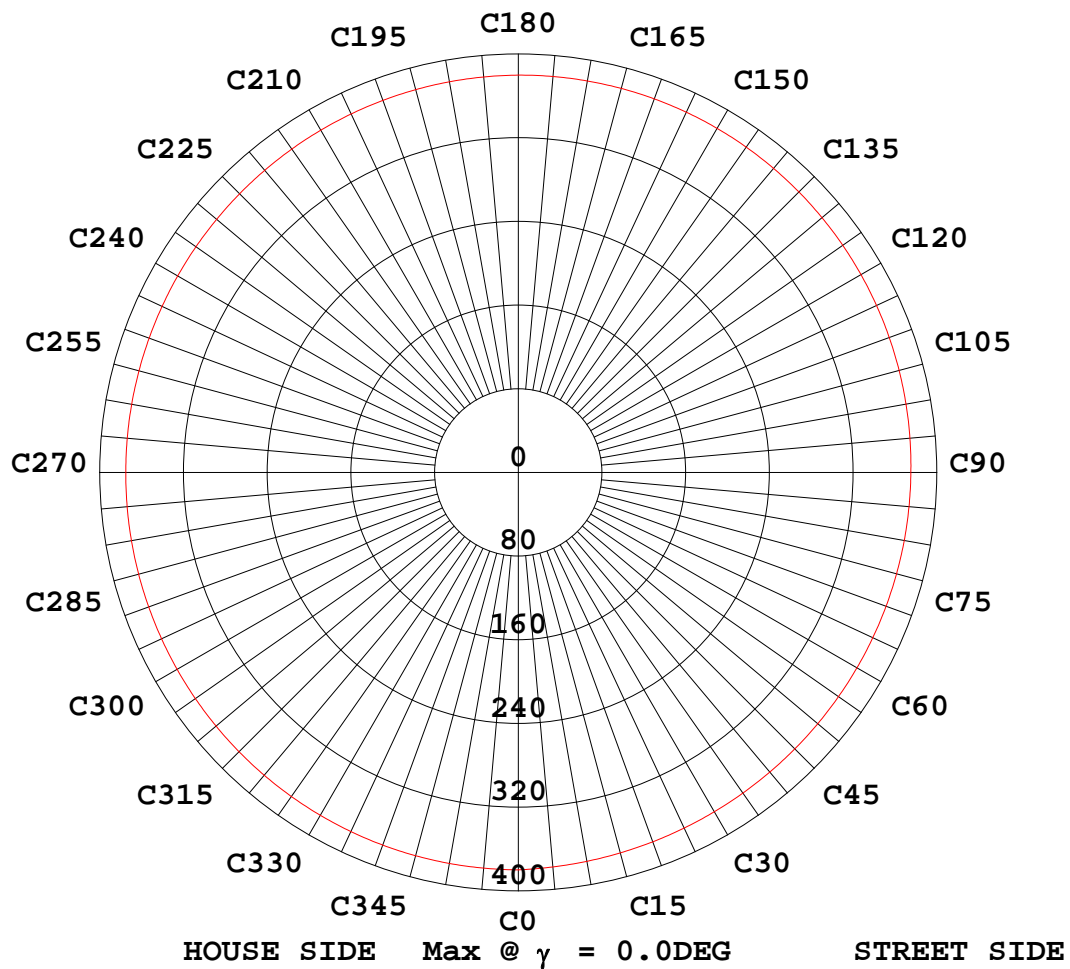
Test System:HOPPO HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:1.000 m  
Remarks:

## ISOCANDELA DIAGRAM

Report number:

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



Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:1.000 m  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

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

UNIT: cd

C (DEG) γ (DEG)	0	90	180	270
0.0	380	375	380	375
5.0	344	345	351	360
10.0	271	265	282	305
15.0	205	193	202	230
20.0	121	103	120	142
25.0	65.3	54.2	65.0	78.0
30.0	31.7	26.2	29.5	37.5
35.0	13.2	11.5	14.8	19.6
40.0	4.79	6.20	6.98	9.28
45.0	1.99	1.76	2.39	3.68
50.0	1.75	1.06	1.22	1.78
55.0	1.28	0.68	0.84	1.18
60.0	0.87	0.47	0.56	0.82
65.0	0.59	0.31	0.36	0.54
70.0	0.40	0.20	0.25	0.36
75.0	0.26	0.13	0.18	0.25
80.0	0.16	0.07	0.11	0.16
85.0	0.07	0.02	0.05	0.10
90.0	0.02	0.00	0.00	0.05
95.0	0.01	0.00	0.00	0.02
100.0	0.01	0.00	0.00	0.02
105.0	0.01	0.00	0.00	0.01
110.0	0.01	0.00	0.00	0.01
115.0	0.01	0.00	0.00	0.01
120.0	0.01	0.01	0.01	0.01
125.0	0.01	0.01	0.01	0.01
130.0	0.03	0.03	0.03	0.02
135.0	0.06	0.07	0.07	0.05
140.0	0.12	0.13	0.15	0.09
145.0	0.23	0.22	0.27	0.18
150.0	0.37	0.32	0.44	0.32
155.0	0.53	0.41	0.61	0.49
160.0	0.65	0.46	0.74	0.64
165.0	0.67	0.45	0.76	0.73
170.0	0.61	0.42	0.69	0.71
175.0	0.52	0.40	0.59	0.61
180.0	0.49	0.46	0.49	0.46

Test System:HOP00 HP880D  
Temperature:25.3DEG  
Operators:  
Test Date:11-02-2023

Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:1.000 m  
Remarks: