

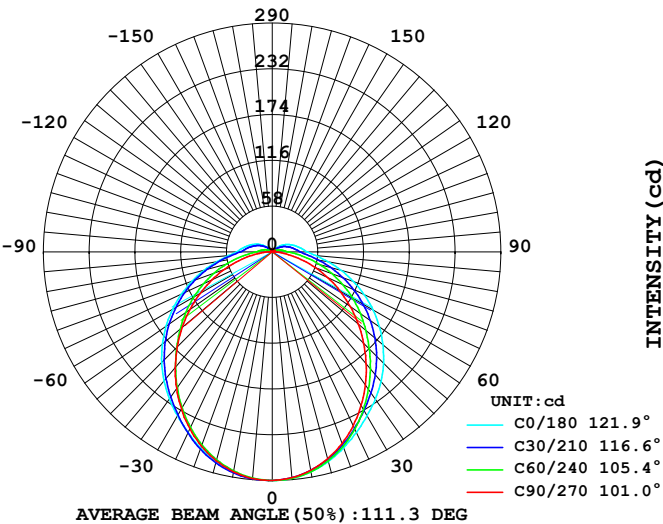
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

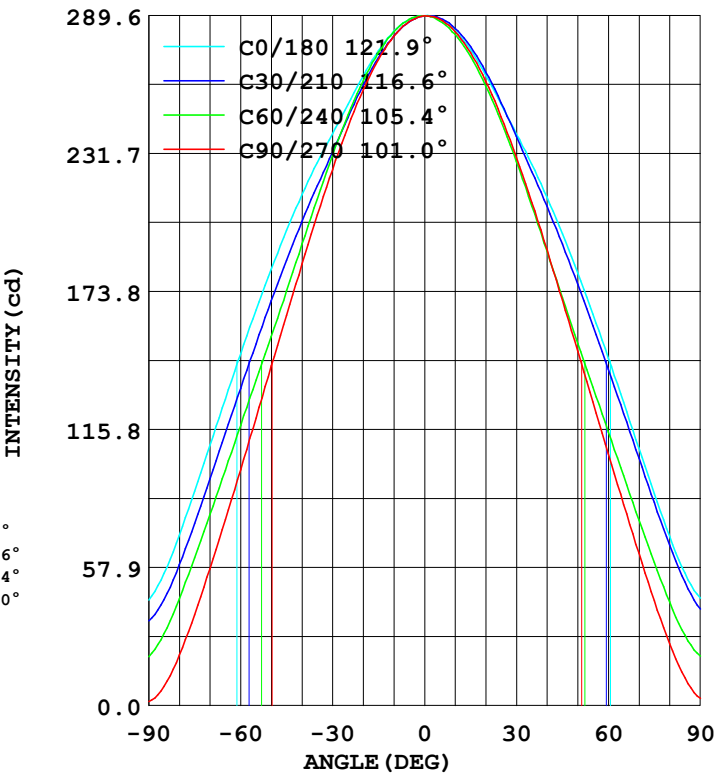
MANUFACTURER:		
Address:		
NAME: 350mA 6500K with trim	TYPE:	WEIGHT: 0.5
SPECIFICATION:	DIMENSION: 0.245*0.125*0.07	SERIAL No.:

DATA OF LAMP		Imax(cd)	289.6	S/MH (C0/180)	1.24
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.17
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	913.84	Voltage(V)	229.6
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	77.3	Current(A)	0.054
NOMINAL FLUX(lm)	913.8	η up (%)	7.7	Power(W)	11.81
LAMPS QUANTITY	1	η down (%)	92.3	Power Factor (PF)	0.957
TEST VOLTAGE (V)	229.7	Effective Flux(lm)	860.7	EEI	0.000 (E)

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



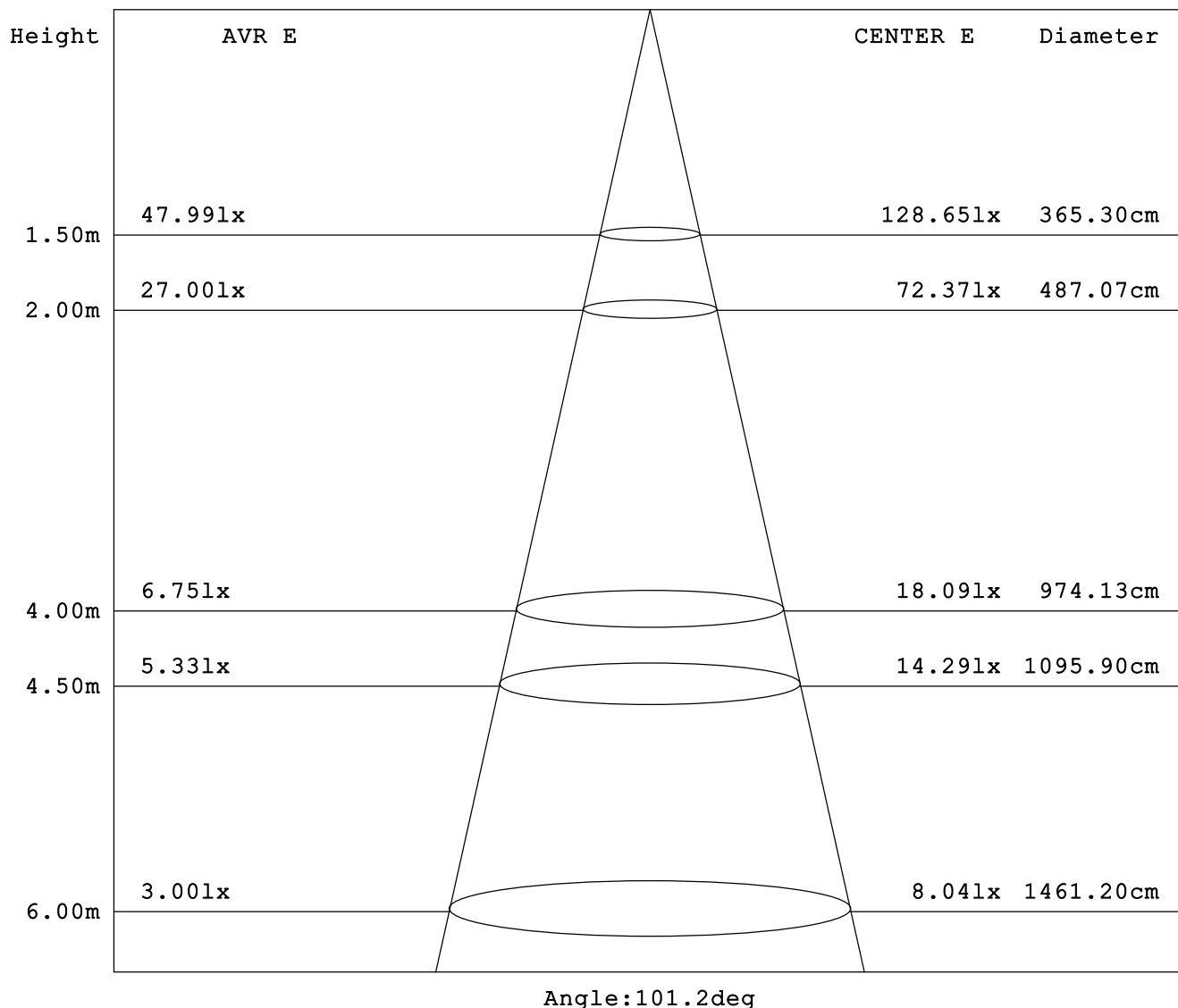
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: 350mA 6500K with trim	TYPE:	WEIGHT: 0.5
SPECIFICATION:	DIMENSION: 0.245*0.125*0.07	SERIAL No.:



Test System: HopooColor HPG1800
 Temperature: 25.3DEG
 Operators: W
 Test Date: 2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 8.450 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 350mA 6500K with trim	TYPE:	WEIGHT: 0.5
SPECIFICATION:	DIMENSION: 0.245*0.125*0.07	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	287.7	287.3	286.9	287.4	288.0	287.7	287.8	287.1	0- 5	6.895	6.895
10.0	282.9	281.8	280.8	282.3	283.1	282.8	282.6	281.7	5- 10	20.38	27.27
15.0	274.8	272.9	271.0	273.7	275.1	274.4	273.9	273.0	10- 15	32.97	60.24
20.0	264.1	261.2	258.4	262.3	264.4	262.9	261.9	261.3	15- 20	44.14	104.3
25.0	252.2	247.2	242.6	248.4	252.4	249.0	246.9	247.3	20- 25	53.50	157.8
30.0	239.9	231.5	224.8	232.7	239.7	233.4	230.0	231.8	25- 30	60.84	218.7
35.0	227.7	215.2	205.8	216.3	227.0	216.7	211.0	215.2	30- 35	66.15	284.8
40.0	214.3	198.2	185.1	199.2	213.2	200.0	191.2	198.6	35- 40	69.42	354.3
45.0	199.3	180.4	163.7	181.3	197.9	182.3	170.1	180.9	40- 45	70.58	424.9
50.0	183.0	162.3	142.4	163.2	181.3	164.2	148.6	162.9	45- 50	69.73	494.6
55.0	166.0	144.1	120.5	145.1	164.2	146.4	127.3	145.0	50- 55	67.02	561.6
60.0	147.5	125.2	98.89	126.5	145.8	127.9	105.6	126.3	55- 60	62.54	624.2
65.0	128.5	106.5	78.04	107.9	127.2	109.4	84.32	107.5	60- 65	56.52	680.7
70.0	109.3	87.68	57.47	89.39	107.9	90.89	63.97	88.75	65- 70	49.16	729.9
75.0	89.96	69.15	38.05	71.04	88.89	72.58	44.05	70.11	70- 75	40.86	770.7
80.0	71.33	51.90	21.20	54.01	71.04	55.33	25.91	52.69	75- 80	32.12	802.9
85.0	55.40	37.30	7.997	39.41	55.47	40.62	11.56	37.98	80- 85	23.76	826.6
90.0	44.26	27.95	1.642	29.77	45.05	30.59	3.070	28.23	85- 90	17.22	843.8
95.0	39.27	23.70	1.213	25.31	40.27	26.06	1.499	23.99	90- 95	13.75	857.6
100.0	34.77	20.20	1.356	21.67	35.70	22.45	1.499	20.45	95-100	11.84	869.5
105.0	30.48	16.85	1.570	18.27	31.34	18.95	1.570	17.10	100-105	10.03	879.5
110.0	26.34	13.70	1.713	15.06	27.27	15.67	1.785	13.88	105-110	8.301	887.8
115.0	22.42	10.60	1.927	11.88	23.20	12.49	1.927	10.85	110-115	6.634	894.4
120.0	18.56	7.818	2.070	8.961	19.35	9.639	2.070	8.246	115-120	5.109	899.5
125.0	14.70	5.783	2.284	6.461	15.42	7.247	2.213	6.319	120-125	3.789	903.3
130.0	10.63	4.177	2.427	4.748	11.28	5.462	2.427	4.676	125-130	2.736	906.1
135.0	6.783	2.856	2.570	3.320	7.354	3.962	2.641	3.284	130-135	1.864	907.9
140.0	3.570	2.784	2.784	2.748	4.212	2.963	2.784	2.891	135-140	1.242	909.2
145.0	2.998	2.927	2.927	2.856	3.070	3.034	2.927	2.998	140-145	0.981	910.1
150.0	2.998	3.070	3.070	2.998	3.213	3.141	3.141	3.141	145-150	0.890	911.0
155.0	3.070	3.141	3.213	3.070	3.284	3.248	3.213	3.248	150-155	0.794	911.8
160.0	3.213	3.284	3.284	3.213	3.355	3.355	3.355	3.355	155-160	0.680	912.5
165.0	3.284	3.355	3.355	3.284	3.498	3.463	3.427	3.427	160-165	0.550	913.1
170.0	3.355	3.427	3.427	3.391	3.570	3.498	3.498	3.498	165-170	0.406	913.5
175.0	3.498	3.498	3.498	3.498	3.641	3.570	3.570	3.498	170-175	0.250	913.7
180.0	3.570	3.570	3.498	3.498	3.570	3.570	3.498	3.498	175-180	0.084	913.8
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

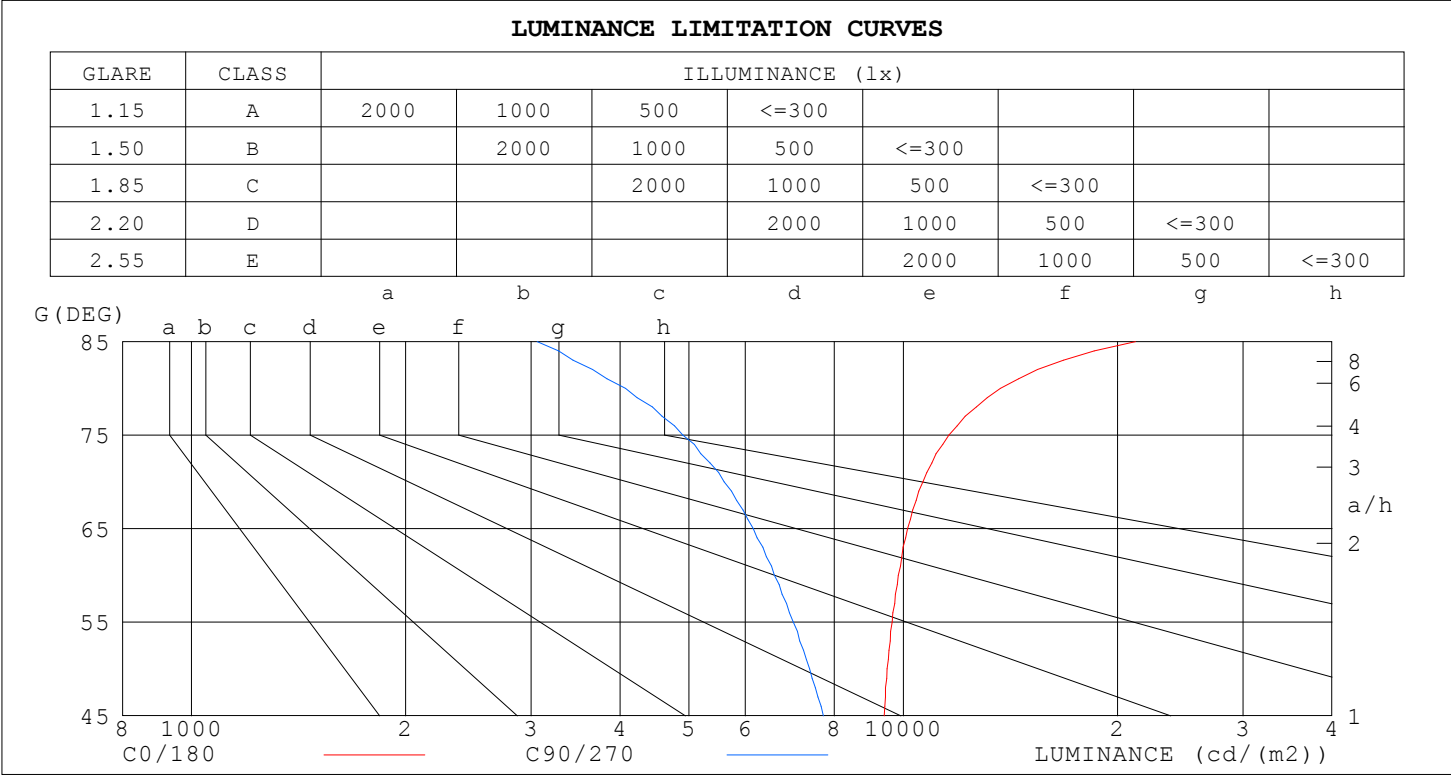
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:					
Address:					
NAME: 350mA 6500K with trim		TYPE:		WEIGHT: 0.5	
SPECIFICATION:		DIMENSION: 0.245*0.125*0.07		SERIAL No.:	



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	21191	3059
80	13693	4071
75	11587	4901
70	10654	5602
65	10137	6156
60	9839	6593
55	9648	7009
50	9490	7387
45	9398	7718

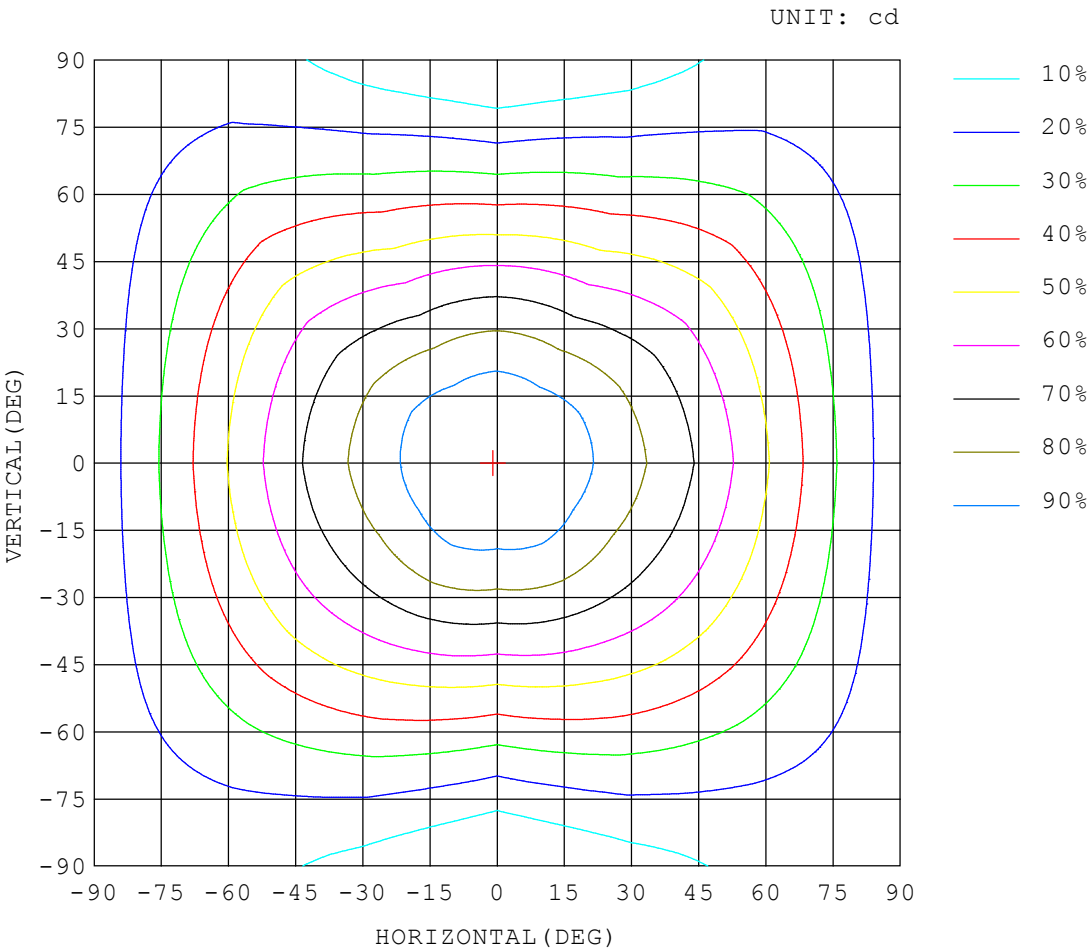
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 350mA 6500K with trim	TYPE:	WEIGHT: 0.5
SPECIFICATION:	DIMENSION: 0.245*0.125*0.07	SERIAL No.:



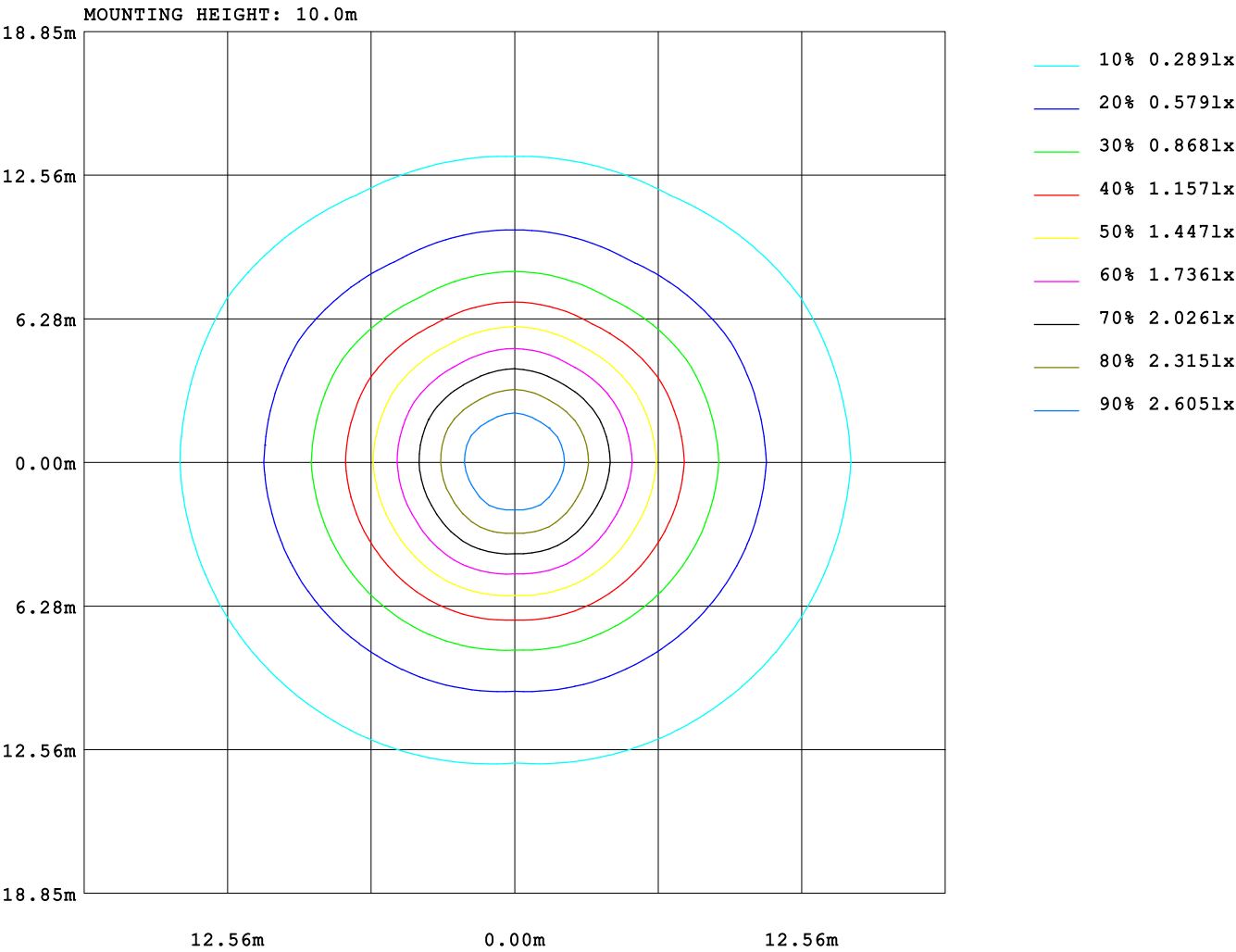
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 350mA 6500K with trim	TYPE:	WEIGHT: 0.5
SPECIFICATION:	DIMENSION: 0.245*0.125*0.07	SERIAL No.:



Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																				
Address:																				
NAME: 350mA 6500K with trim									TYPE:						WEIGHT: 0.5					
SPECIFICATION:									DIMENSION: 0.245*0.125*0.07						SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm			Φ t	Φ a
	0.12	0.35	0.58	0.75	0.81	0.79	0.72	0.62	0.47	0.46	0.58	0.67	0.73	0.75	0.70	0.55	0.34	0.12	10.0	6.74			
90	0.12	0.40	0.72	1.03	1.24	1.38	1.45	1.48	1.41	1.40	1.44	1.40	1.32	1.19	0.99	0.69	0.39	0.12	18.2	18.1			
80	0.13	0.46	0.89	1.38	1.79	2.12	2.37	2.56	2.60	2.59	2.53	2.32	2.07	1.74	1.34	0.87	0.45	0.13	28.3	28.3			
70	0.14	0.52	1.06	1.74	2.37	2.90	3.31	3.68	3.86	3.85	3.65	3.27	2.86	2.33	1.71	1.04	0.51	0.14	38.9	38.9			
60	0.14	0.57	1.23	2.08	2.93	3.67	4.25	4.78	5.12	5.11	4.75	4.21	3.63	2.89	2.05	1.22	0.57	0.14	49.4	49.4			
50	0.15	0.62	1.38	2.36	3.43	4.39	5.19	5.85	6.33	6.32	5.81	5.15	4.36	3.41	2.34	1.37	0.62	0.15	59.3	59.3			
40	0.15	0.67	1.50	2.59	3.81	5.01	6.03	6.84	7.39	7.37	6.79	5.98	4.98	3.80	2.58	1.50	0.67	0.15	67.8	67.8			
30	0.16	0.70	1.58	2.75	4.07	5.41	6.64	7.62	8.19	8.17	7.57	6.59	5.39	4.08	2.76	1.59	0.70	0.16	74.2	74.2			
-30	0.16	0.71	1.63	2.85	4.22	5.61	6.92	8.03	8.64	8.61	8.00	6.90	5.62	4.24	2.87	1.65	0.72	0.16	77.6	77.6			
	0.16	0.71	1.63	2.83	4.20	5.58	6.87	7.97	8.62	8.61	7.95	6.85	5.59	4.23	2.86	1.64	0.72	0.16	77.2	77.2			
	0.16	0.69	1.56	2.71	4.01	5.31	6.53	7.59	8.19	8.18	7.56	6.50	5.31	4.02	2.73	1.57	0.69	0.16	73.5	73.5			
-40	0.15	0.66	1.46	2.52	3.71	4.89	5.98	6.90	7.35	7.34	6.87	5.96	4.88	3.71	2.52	1.47	0.66	0.15	67.2	67.2			
-50	0.15	0.61	1.33	2.27	3.31	4.32	5.22	5.92	6.25	6.23	5.89	5.19	4.30	3.29	2.26	1.33	0.61	0.15	58.7	58.7			
-60	0.14	0.56	1.18	1.97	2.83	3.64	4.32	4.81	5.01	5.00	4.78	4.29	3.61	2.80	1.95	1.17	0.55	0.14	48.8	48.8			
-70	0.14	0.50	1.01	1.64	2.30	2.91	3.39	3.67	3.73	3.72	3.66	3.36	2.87	2.26	1.61	1.00	0.49	0.13	38.4	38.4			
-80	0.13	0.44	0.84	1.29	1.74	2.15	2.44	2.54	2.47	2.46	2.52	2.40	2.11	1.70	1.25	0.81	0.43	0.13	27.9	27.9			
-90	0.12	0.38	0.67	0.96	1.21	1.42	1.51	1.45	1.29	1.28	1.43	1.48	1.37	1.16	0.92	0.65	0.37	0.12	17.8	17.6			
	0.12	0.34	0.54	0.70	0.78	0.82	0.76	0.60	0.40	0.39	0.58	0.72	0.77	0.74	0.66	0.52	0.33	0.11	9.87	6.78			
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																							
Φ t	2.54	9.88	20.8	34.4	48.8	62.4	73.9	83.0	87.3	87.1	82.4	73.3	61.8	48.4	34.1	20.7	9.82	2.52	914				
Φ a	2.54	9.88	20.8	34.4	48.8	61.9	73.2	82.0	86.4	86.1	81.4	72.4	61.2	48.2	34.1	20.7	9.82	2.52		861			

Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

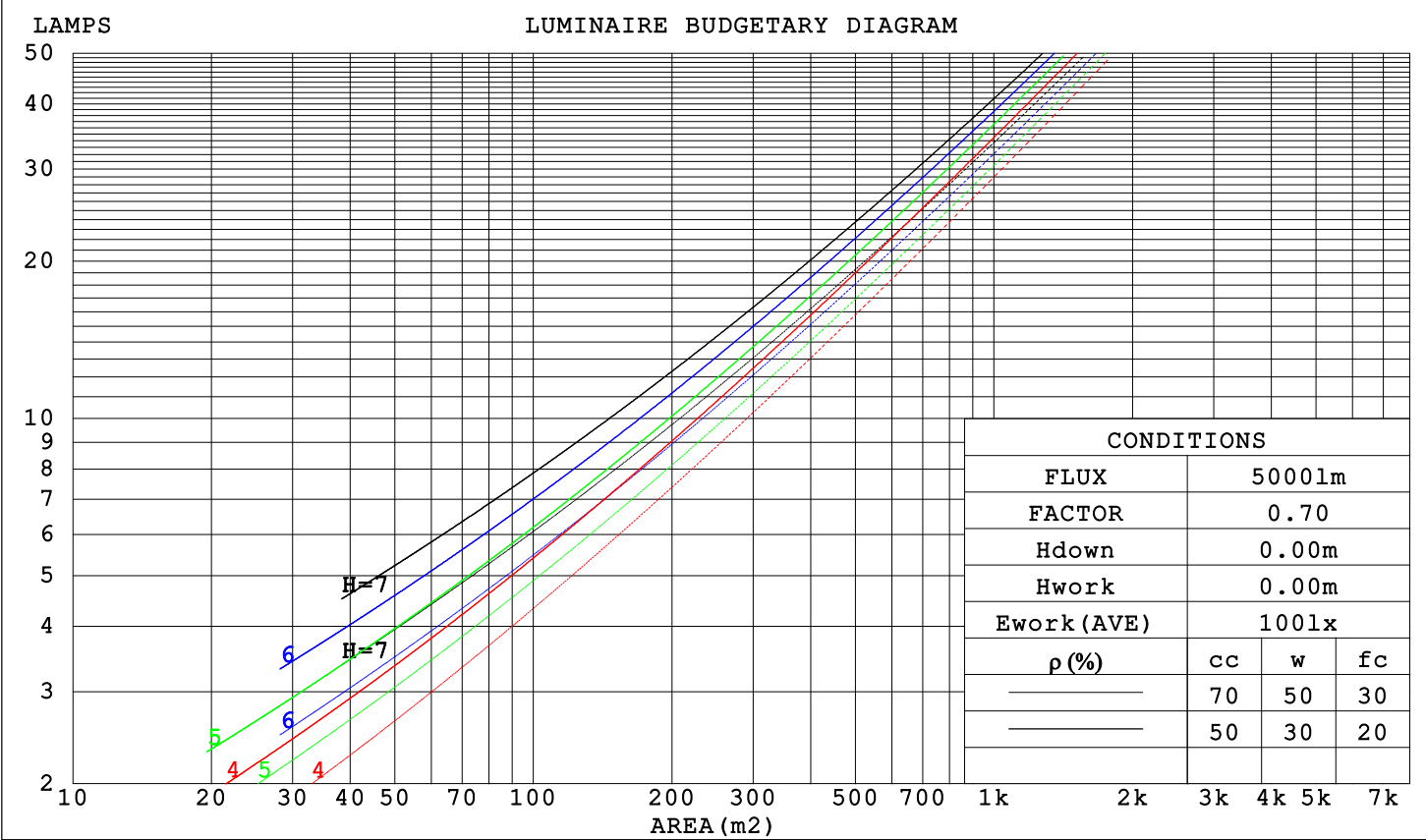
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address:															
NAME: 350mA 6500K with trim								TYPE:				WEIGHT: 0.5			
SPECIFICATION:								DIMENSION: 0.245*0.125*0.07				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			Coefficients of Utilization(CU)												
0.0	1.17	1.17	1.17	1.14	1.14	1.14	1.07	1.07	1.07	1.01	1.01	1.01	.95	.95	.95	.92
1.0	1.00	.96	.91	.97	.93	.89	.92	.88	.85	.86	.84	.81	.82	.79	.77	.75
2.0	.87	.80	.74	.84	.78	.72	.79	.74	.69	.75	.70	.66	.71	.67	.64	.61
3.0	.76	.67	.61	.74	.66	.60	.70	.63	.58	.66	.60	.56	.62	.58	.54	.51
4.0	.67	.58	.51	.65	.57	.50	.62	.55	.49	.59	.52	.47	.56	.50	.46	.43
5.0	.60	.51	.44	.58	.50	.43	.55	.48	.42	.53	.46	.41	.50	.44	.40	.38
6.0	.54	.45	.38	.53	.44	.38	.50	.42	.37	.48	.41	.36	.45	.40	.35	.33
7.0	.49	.40	.34	.48	.39	.33	.45	.38	.33	.43	.37	.32	.41	.36	.31	.29
8.0	.45	.36	.30	.44	.35	.30	.42	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.41	.33	.27	.40	.32	.27	.38	.31	.26	.37	.30	.26	.35	.29	.25	.23
10.0	.38	.30	.24	.37	.29	.24	.35	.29	.24	.34	.28	.23	.33	.27	.23	.21



Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

WEC AND CCEC

Report number:

MANUFACTURER:															
Address:															
NAME: 350mA 6500K with trim								TYPE:				WEIGHT: 0.5			
SPECIFICATION:								DIMENSION: 0.245*0.125*0.07				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	
pf _c	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.342	.194	.062	.332	.190	.060	.314	.180	.058	.298	.172	.055	.283	.164	.053		
2.0	.308	.169	.052	.300	.165	.051	.284	.158	.049	.269	.151	.047	.256	.145	.046		
3.0	.280	.149	.045	.272	.146	.044	.258	.140	.042	.245	.134	.041	.232	.129	.040		
4.0	.255	.133	.039	.248	.130	.038	.235	.125	.037	.224	.120	.036	.213	.116	.035		
5.0	.234	.119	.035	.228	.117	.034	.216	.113	.033	.206	.109	.032	.196	.105	.031		
6.0	.216	.108	.031	.210	.106	.031	.200	.102	.030	.190	.099	.029	.181	.095	.028		
7.0	.200	.099	.028	.195	.097	.028	.186	.094	.027	.177	.091	.026	.169	.088	.026		
8.0	.186	.091	.026	.182	.090	.025	.173	.087	.025	.165	.084	.024	.158	.081	.024		
9.0	.174	.084	.024	.170	.083	.023	.162	.080	.023	.155	.078	.022	.148	.075	.022		
10.0	.164	.078	.022	.160	.077	.022	.153	.075	.021	.146	.072	.021	.140	.070	.020		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pf _c	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.249	.249	.249	.213	.213	.213	.145	.145	.145	.083	.083	.083	.027	.027	.027	
1.0	.241	.215	.191	.206	.184	.164	.141	.127	.113	.081	.073	.066	.026	.024	.021	
2.0	.234	.191	.155	.200	.164	.134	.137	.114	.094	.079	.066	.055	.025	.021	.018	
3.0	.226	.174	.132	.194	.150	.115	.133	.104	.081	.077	.061	.047	.025	.020	.016	
4.0	.218	.161	.117	.187	.139	.102	.129	.097	.072	.074	.057	.042	.024	.018	.014	
5.0	.210	.151	.107	.181	.130	.093	.125	.091	.065	.072	.053	.039	.023	.017	.013	
6.0	.203	.143	.099	.175	.123	.086	.120	.086	.061	.070	.051	.036	.023	.017	.012	
7.0	.196	.136	.093	.169	.118	.081	.117	.082	.058	.068	.049	.034	.022	.016	.011	
8.0	.190	.130	.089	.163	.113	.078	.113	.079	.055	.066	.047	.033	.021	.015	.011	
9.0	.184	.125	.086	.158	.109	.075	.110	.076	.053	.064	.045	.032	.021	.015	.010	
10.0	.178	.121	.083	.153	.105	.072	.106	.074	.051	.062	.044	.031	.020	.014	.010	

Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

Uncorrected UGR Table

Report number:

MANUFACTURER:											
Address:											
NAME: 350mA 6500K with trim					TYPE:			WEIGHT: 0.5			
SPECIFICATION:					DIMENSION: 0.245*0.125*0.07			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	20.3	21.8	20.7	22.1	22.5	19.0	20.4	19.4	20.8	21.1	
	3H	22.4	23.7	22.8	24.1	24.5	20.3	21.7	20.7	22.0	22.4
	4H	23.4	24.7	23.8	25.0	25.5	20.8	22.1	21.3	22.5	22.9
	6H	24.4	25.6	24.9	26.0	26.5	21.2	22.4	21.6	22.8	23.2
	8H	24.9	26.1	25.4	26.5	27.0	21.3	22.4	21.7	22.8	23.3
	12H	25.5	26.6	26.0	27.1	27.5	21.3	22.4	21.7	22.8	23.3
4H	2H	20.8	22.1	21.3	22.5	22.9	19.8	21.1	20.2	21.5	21.9
	3H	23.1	24.2	23.5	24.6	25.1	21.4	22.6	21.9	23.0	23.5
	4H	24.3	25.3	24.7	25.7	26.2	22.1	23.2	22.6	23.6	24.1
	6H	25.5	26.4	26.0	26.9	27.4	22.6	23.5	23.2	24.0	24.6
	8H	26.1	27.0	26.6	27.5	28.0	22.8	23.6	23.3	24.1	24.7
	12H	26.8	27.6	27.4	28.1	28.7	22.9	23.7	23.4	24.2	24.8
8H	4H	24.5	25.4	25.1	25.9	26.4	22.7	23.6	23.3	24.1	24.6
	6H	26.0	26.7	26.5	27.2	27.8	23.5	24.2	24.1	24.8	25.4
	8H	26.8	27.4	27.3	28.0	28.6	23.8	24.5	24.4	25.0	25.6
	12H	27.7	28.2	28.3	28.8	29.5	24.1	24.6	24.7	25.2	25.8
12H	4H	24.5	25.3	25.1	25.8	26.4	22.9	23.6	23.4	24.2	24.7
	6H	26.0	26.7	26.6	27.2	27.9	23.8	24.4	24.4	25.0	25.6
	8H	26.9	27.5	27.5	28.1	28.7	24.2	24.8	24.8	25.3	26.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 913.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.3)

Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:W
 Test Date:2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.450 m
 Remarks:

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:										
Address:										
NAME: 350mA 6500K with trim					TYPE:			WEIGHT: 0.5		
SPECIFICATION:					DIMENSION: 0.245*0.125*0.07			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) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	53	42	35	52	41	35	28
0.80	63	51	44	62	51	44	60	50	43	36
1.00	72	60	52	70	59	52	67	60	51	43
1.25	78	67	59	77	66	59	73	64	58	50
1.50	83	73	65	81	71	64	78	69	63	54
2.00	90	81	74	88	79	73	84	76	70	61
2.50	95	86	79	92	84	78	87	80	75	65
3.00	98	90	84	95	88	82	90	84	79	69
4.00	102	96	90	99	93	88	94	89	85	74
5.00	105	99	94	102	97	92	96	92	88	77
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

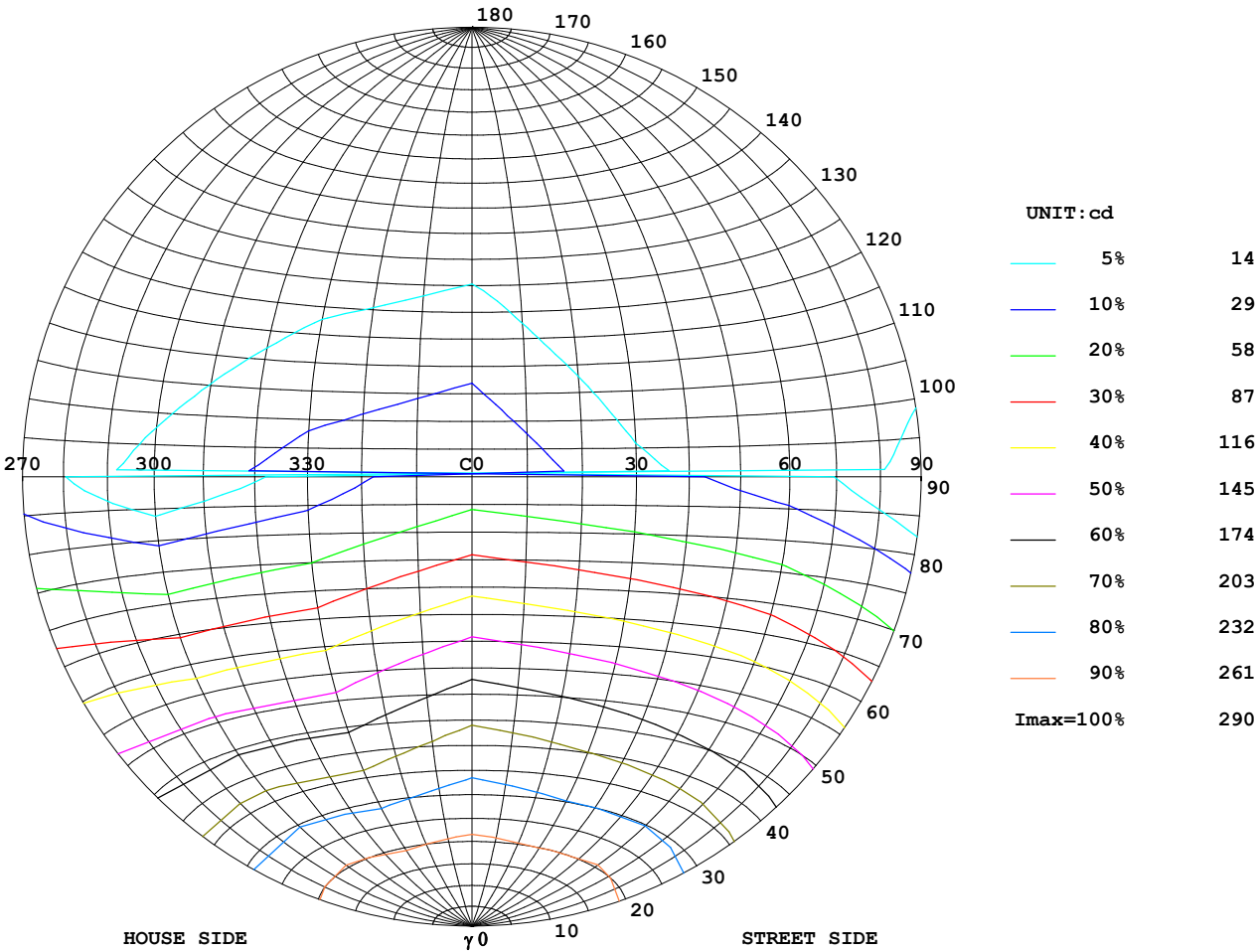
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 350mA 6500K with trim	TYPE:	WEIGHT: 0.5
SPECIFICATION:	DIMENSION: 0.245*0.125*0.07	SERIAL No.:



Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

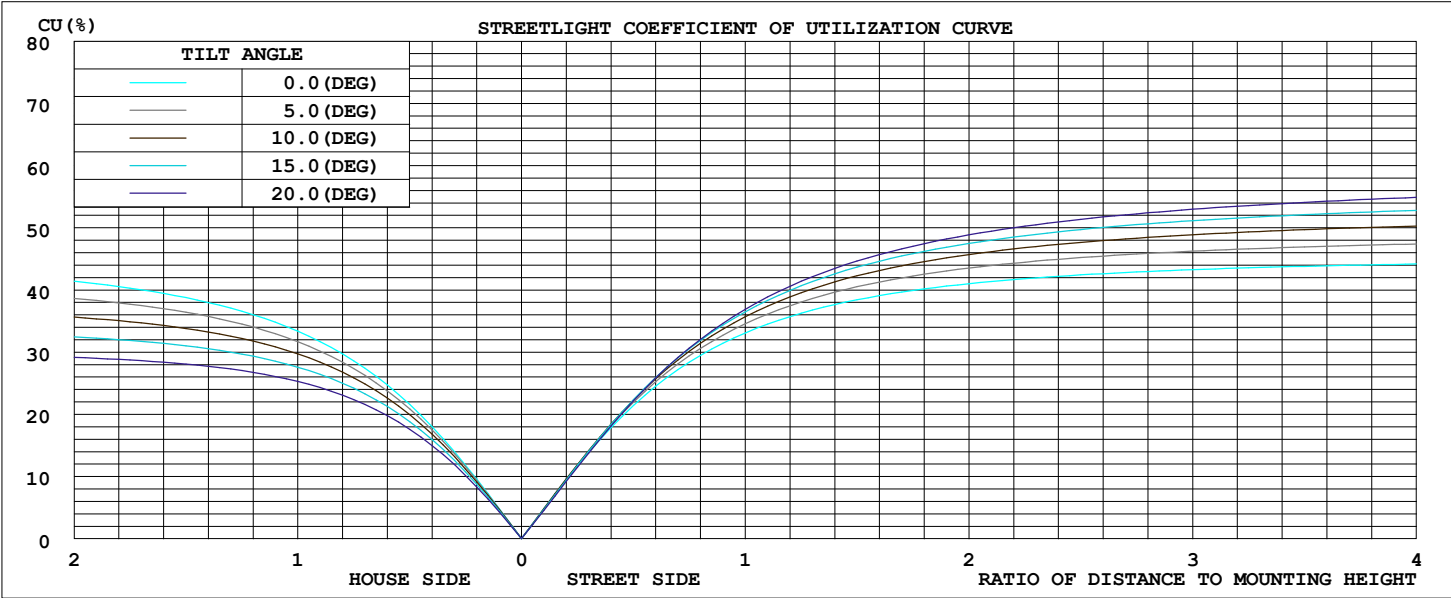
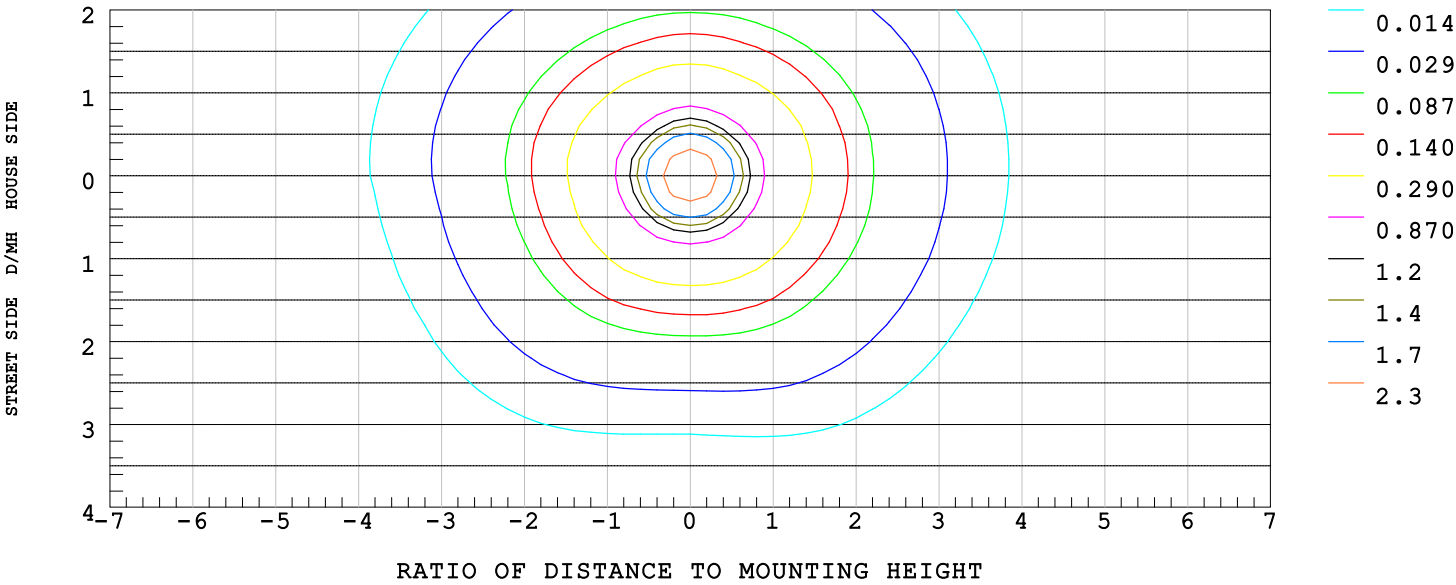
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 350mA 6500K with trim	TYPE:	WEIGHT: 0.5
SPECIFICATION:	DIMENSION: 0.245*0.125*0.07	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 2.89 lx



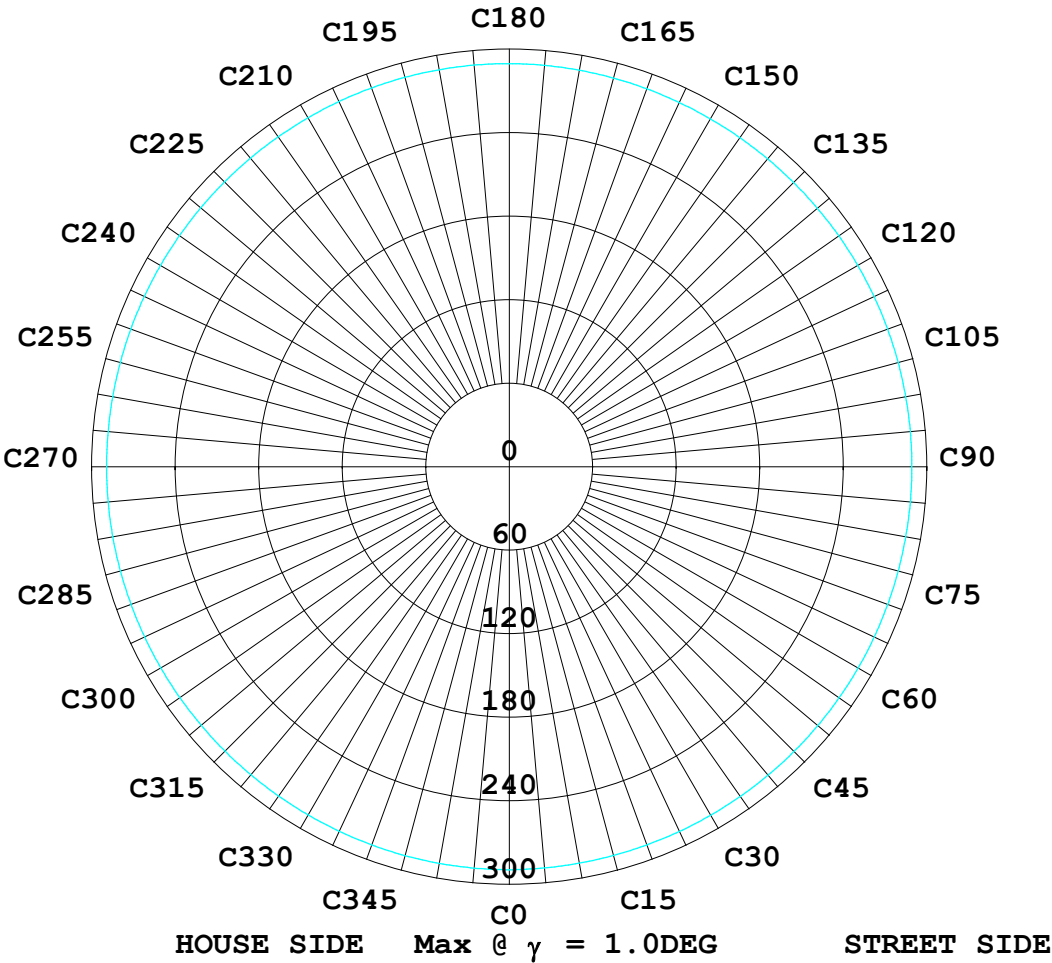
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 350mA 6500K with trim	TYPE:	WEIGHT: 0.5
SPECIFICATION:	DIMENSION: 0.245*0.125*0.07	SERIAL No.:



Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		
Address:		
NAME: 350mA 6500K with trim	TYPE:	WEIGHT: 0.5
SPECIFICATION:	DIMENSION: 0.245*0.125*0.07	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	289	289	289	289	289	289	289	289	289	289	289	289
5.0	288	287	288	287	288	287	288	288	287	288	287	288
10.0	283	281	283	281	283	282	283	284	282	283	281	283
15.0	275	272	274	271	275	273	275	277	272	274	271	275
20.0	264	260	262	258	263	262	264	266	260	262	259	264
25.0	252	247	248	243	249	248	252	253	245	247	244	251
30.0	240	232	231	225	232	233	240	239	228	230	227	237
35.0	228	218	212	206	214	219	227	224	210	211	208	223
40.0	214	203	194	185	195	204	213	209	191	191	189	208
45.0	199	187	174	164	175	187	198	194	171	170	169	193
50.0	183	170	155	142	156	171	181	177	152	149	150	176
55.0	166	152	137	121	137	153	164	159	134	127	132	158
60.0	148	133	118	98.8	119	134	146	141	115	106	113	140
65.0	129	114	98.6	78.0	99.8	116	127	122	96.4	84.3	94.5	121
70.0	109	95.1	80.2	57.4	81.6	97.1	108	104	77.9	63.9	75.7	102
75.0	89.9	76.3	61.9	38.0	63.4	78.6	88.8	85.1	59.9	44.0	57.6	82.6
80.0	71.3	59.1	44.6	21.2	46.4	61.6	71.0	67.2	43.4	25.9	40.9	64.4
85.0	55.4	44.4	30.2	7.99	31.9	46.9	55.4	51.7	29.4	11.5	27.0	48.9
90.0	44.2	35.4	20.4	1.64	21.9	37.6	45.0	40.4	20.7	3.07	18.4	37.9
95.0	39.2	31.3	16.0	1.21	17.4	33.2	40.2	35.2	16.9	1.49	14.9	32.9
100.0	34.7	27.3	13.0	1.35	14.2	29.1	35.7	31.0	13.8	1.49	11.9	28.9
105.0	30.4	23.5	10.1	1.57	11.2	25.2	31.3	27.0	10.8	1.57	9.21	24.9
110.0	26.3	19.9	7.42	1.71	8.49	21.6	27.2	23.2	8.13	1.78	6.56	21.2
115.0	22.4	16.4	4.78	1.92	5.78	17.9	23.2	19.5	5.42	1.92	4.06	17.6
120.0	18.5	12.8	2.78	2.07	3.49	14.4	19.3	15.9	3.28	2.07	2.35	14.1
125.0	14.7	9.21	2.35	2.28	2.28	10.6	15.4	12.1	2.35	2.21	2.28	10.3
130.0	10.6	5.85	2.49	2.42	2.42	7.06	11.2	8.42	2.49	2.42	2.42	6.92
135.0	6.78	3.07	2.64	2.57	2.57	4.06	7.35	5.28	2.64	2.64	2.64	3.92
140.0	3.57	2.78	2.78	2.78	2.71	2.78	4.21	3.07	2.85	2.78	2.78	2.99
145.0	2.99	2.92	2.92	2.92	2.85	2.85	3.07	3.07	2.99	2.92	2.92	3.07
150.0	2.99	3.07	3.07	3.07	2.99	2.99	3.21	3.14	3.14	3.14	3.07	3.21
155.0	3.07	3.14	3.14	3.21	3.07	3.07	3.28	3.28	3.21	3.21	3.21	3.28
160.0	3.21	3.28	3.28	3.28	3.21	3.21	3.35	3.35	3.35	3.35	3.35	3.35
165.0	3.28	3.35	3.35	3.35	3.28	3.28	3.49	3.42	3.49	3.42	3.42	3.42
170.0	3.35	3.42	3.42	3.42	3.35	3.42	3.57	3.49	3.49	3.49	3.49	3.49
175.0	3.49	3.49	3.49	3.49	3.49	3.49	3.64	3.57	3.57	3.57	3.49	3.49
180.0	3.57	3.57	3.57	3.49	3.49	3.49	3.57	3.57	3.57	3.49	3.49	3.49

Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月29日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks: