

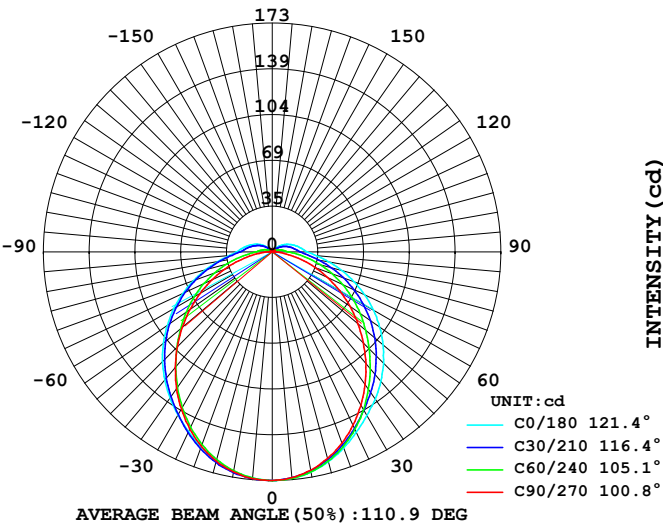
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

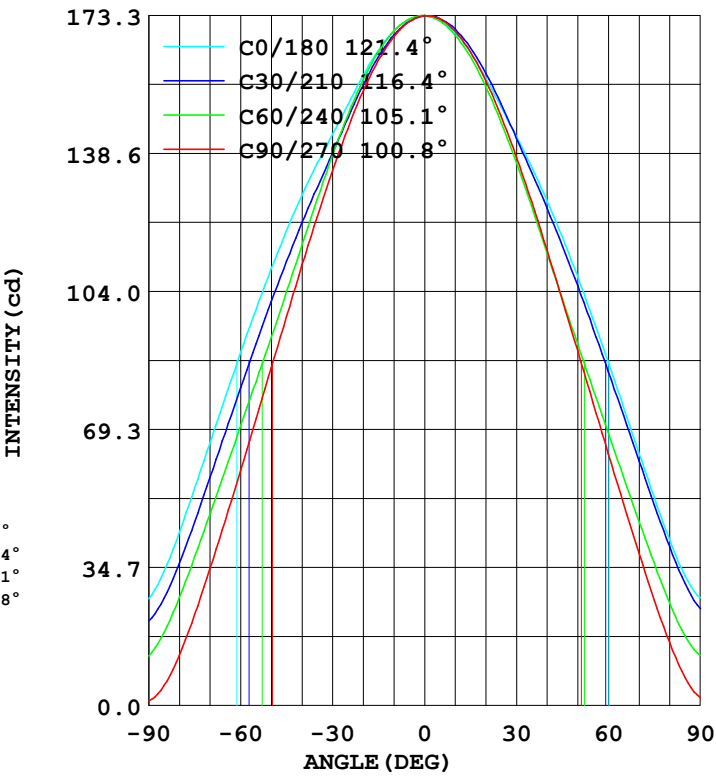
MANUFACTURER:		
Address:		
NAME: 200mA 3000K With trim	TYPE:	WEIGHT: 0.5
SPECIFICATION:	DIMENSION: 0.245*0.125*0.07	SERIAL No.:

DATA OF LAMP		Imax(cd)	173.2	S/MH (C0/180)	1.24
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.16
NOMINAL POWER(W)	7	TOTAL FLUX(lm)	547.08	Voltage(V)	229.7
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	78.8	Current(A)	0.034
NOMINAL FLUX(lm)	547.1	η up (%)	7.8	Power(W)	6.943
LAMPS QUANTITY	1	η down (%)	92.2	Power Factor (PF)	0.894
TEST VOLTAGE (V)	229.8	Effective Flux(lm)	514.5	EEI	0.000 (E)

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



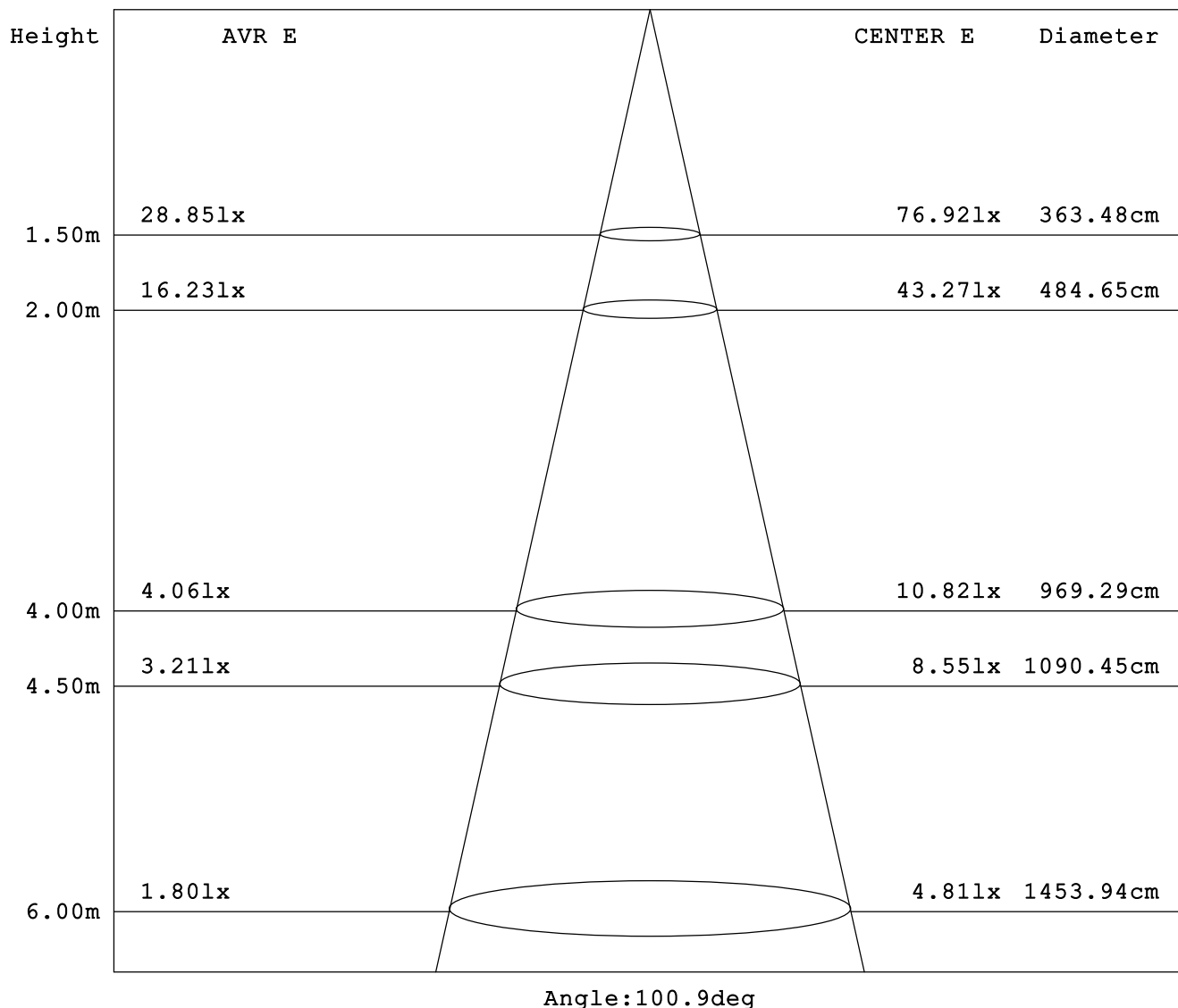
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年07月04日

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: 200mA 3000K 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07月04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: 200mA 3000K 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	172.2	172.0	171.7	172.0	172.0	172.1	172.4	172.0	0- 5	4.126	4.126
10.0	169.3	168.7	167.8	168.7	169.0	169.0	169.2	169.0	5- 10	12.19	16.32
15.0	164.5	163.4	162.0	163.5	164.0	163.9	164.0	163.8	10- 15	19.73	36.05
20.0	158.2	156.4	154.3	156.6	157.5	157.1	156.9	156.8	15- 20	26.40	62.46
25.0	150.8	147.8	144.8	148.2	150.2	148.7	148.0	148.3	20- 25	31.99	94.45
30.0	143.4	138.5	134.3	138.9	142.8	139.3	137.6	138.8	25- 30	36.36	130.8
35.0	136.1	128.5	122.6	129.0	135.1	129.5	126.5	128.8	30- 35	39.51	170.3
40.0	128.0	118.3	110.6	118.7	126.6	119.2	114.3	118.6	35- 40	41.44	211.7
45.0	119.3	107.8	97.75	108.2	117.5	108.7	101.6	108.1	40- 45	42.12	253.8
50.0	109.6	96.89	84.75	97.21	107.6	98.03	89.11	97.53	45- 50	41.60	295.5
55.0	99.39	86.07	71.97	86.39	97.03	87.11	76.11	86.61	50- 55	39.97	335.4
60.0	88.75	75.07	59.12	75.32	86.25	76.15	63.11	75.65	55- 60	37.31	372.7
65.0	77.47	63.79	46.41	64.11	74.82	65.04	50.62	64.54	60- 65	33.71	406.5
70.0	65.90	52.69	34.48	53.05	63.33	53.83	38.27	53.33	65- 70	29.35	435.8
75.0	54.62	41.77	22.92	42.27	52.33	43.02	26.41	42.41	70- 75	24.43	460.2
80.0	43.48	31.38	12.56	32.02	41.55	32.80	15.85	32.02	75- 80	19.22	479.5
85.0	33.63	22.59	4.998	23.52	32.55	24.06	7.068	23.06	80- 85	14.26	493.7
90.0	26.77	16.85	1.213	18.06	27.06	18.42	1.999	17.10	85- 90	10.38	504.1
95.0	23.56	14.24	0.857	15.35	24.13	15.81	1.142	14.45	90- 95	8.313	512.4
100.0	20.92	12.20	1.000	13.17	21.34	13.56	1.142	12.42	95-100	7.167	519.6
105.0	18.49	10.31	1.071	11.10	18.77	11.42	1.142	10.46	100-105	6.086	525.7
110.0	16.06	8.425	1.213	9.068	16.27	9.460	1.213	8.604	105-110	5.050	530.7
115.0	13.70	6.676	1.285	7.140	13.85	7.497	1.285	6.818	110-115	4.054	534.8
120.0	11.49	5.033	1.428	5.390	11.56	5.747	1.428	5.283	115-120	3.140	537.9
125.0	9.282	3.712	1.499	3.927	9.139	4.426	1.499	4.141	120-125	2.350	540.3
130.0	6.854	2.784	1.570	2.927	6.711	3.320	1.642	3.106	125-130	1.717	542.0
135.0	4.641	1.999	1.713	2.070	4.355	2.463	1.713	2.284	130-135	1.195	543.2
140.0	2.713	1.820	1.785	1.820	2.499	1.927	1.856	1.892	135-140	0.812	544.0
145.0	1.999	1.892	1.927	1.856	1.999	1.963	1.927	1.963	140-145	0.646	544.7
150.0	1.999	1.999	1.999	1.963	2.070	2.070	1.999	2.034	145-150	0.583	545.2
155.0	2.070	2.034	2.070	1.999	2.142	2.142	2.070	2.106	150-155	0.516	545.8
160.0	2.070	2.106	2.142	2.070	2.213	2.142	2.142	2.142	155-160	0.441	546.2
165.0	2.142	2.142	2.142	2.142	2.284	2.213	2.213	2.213	160-165	0.357	546.6
170.0	2.213	2.213	2.213	2.213	2.284	2.249	2.284	2.249	165-170	0.262	546.8
175.0	2.213	2.249	2.213	2.213	2.284	2.284	2.284	2.284	170-175	0.161	547.0
180.0	2.284	2.284	2.284	2.284	2.284	2.284	2.284	2.284	175-180	0.054	547.0
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

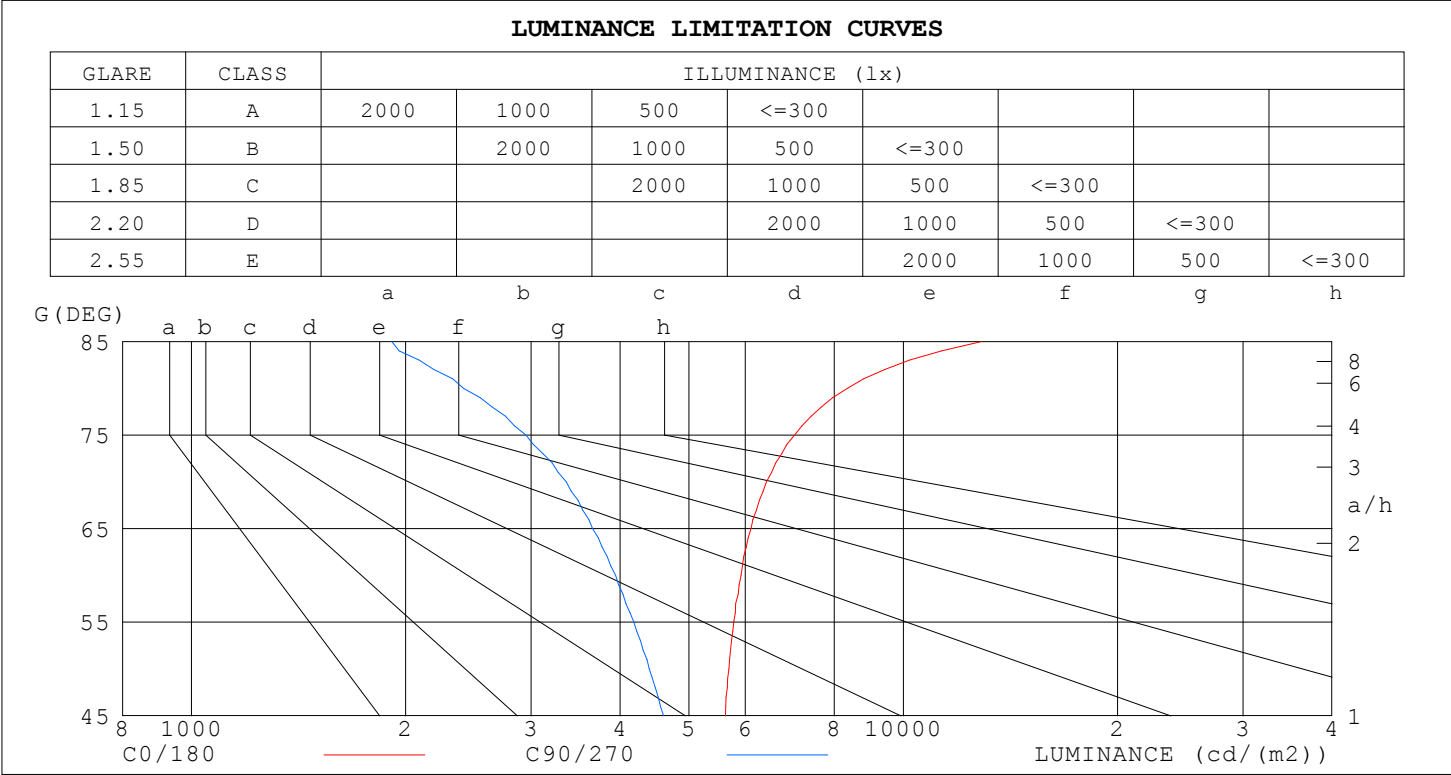
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年07月04日

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: 200mA 3000K 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	12862	1912
80	8347	2412
75	7035	2952
70	6423	3361
65	6110	3661
60	5917	3941
55	5776	4183
50	5687	4395
45	5624	4608

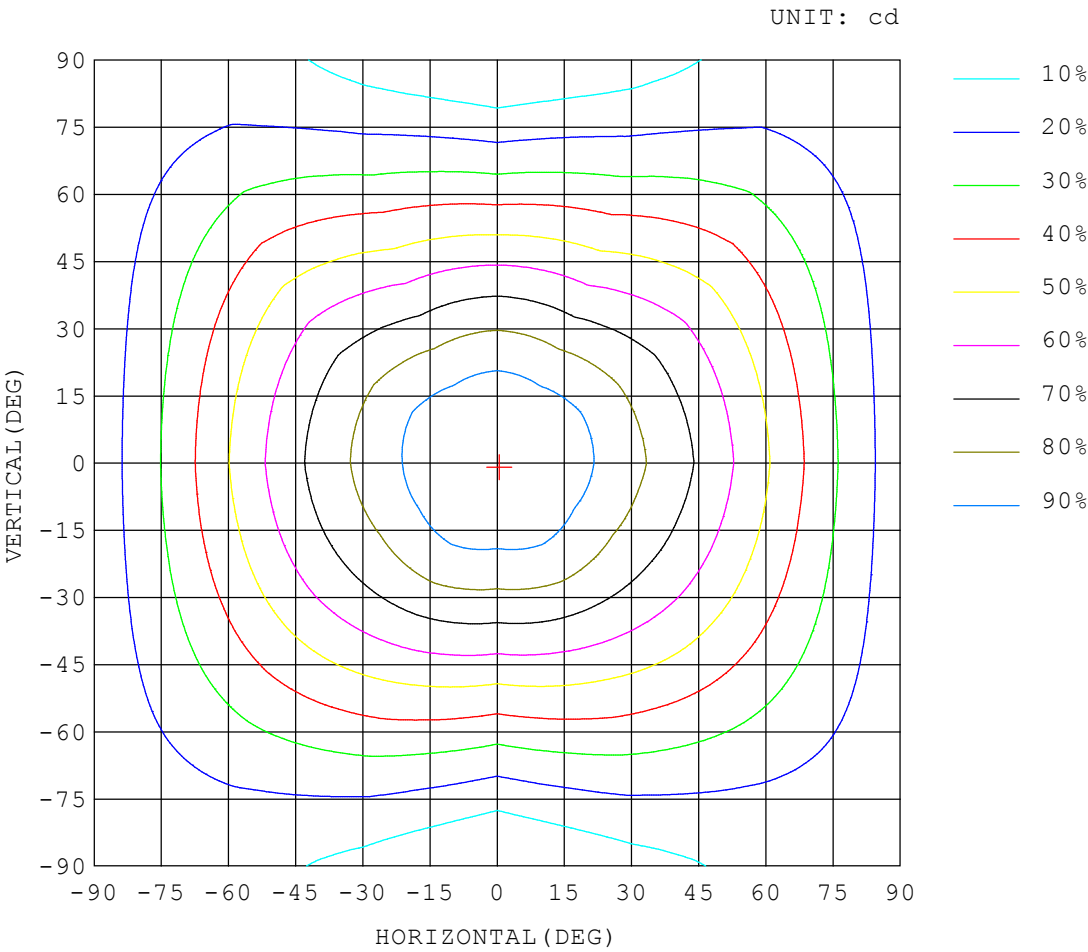
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年07月04日

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: 200mA 3000K with trim	TYPE:	WEIGHT: 0.5
SPECIFICATION:	DIMENSION: 0.245*0.125*0.07	SERIAL No.:



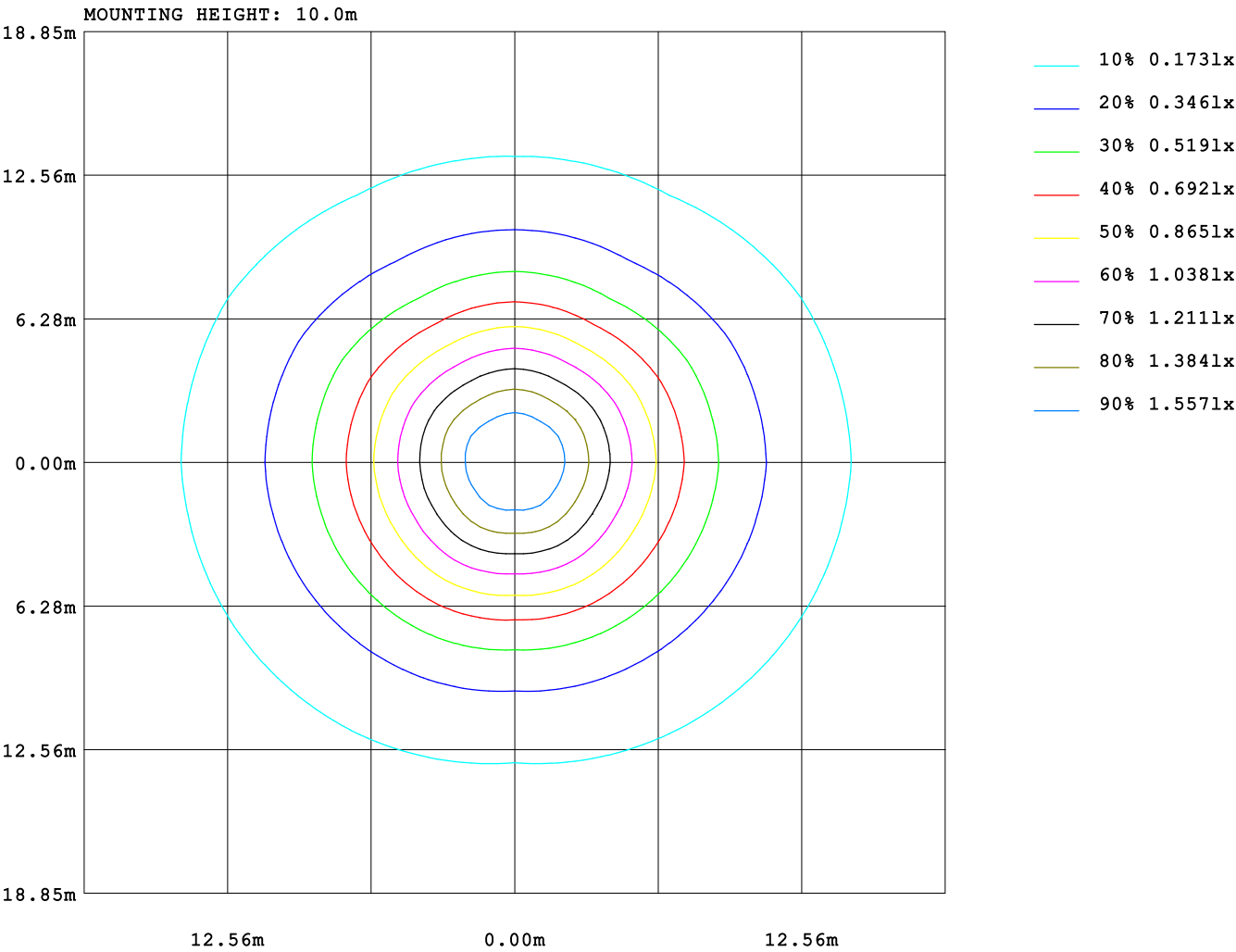
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年07月04日

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: 200mA 3000K 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07月04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: 200mA 3000K 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
	0.07	0.21	0.35	0.45	0.48	0.47	0.43	0.37	0.29	0.28	0.35	0.41	0.44	0.46	0.43	0.34	0.21	0.07	6.09	4.10		
90																						
80	0.07	0.24	0.43	0.61	0.74	0.82	0.87	0.89	0.85	0.85	0.87	0.85	0.80	0.72	0.60	0.42	0.24	0.07	10.9	10.9		
70	0.08	0.27	0.53	0.82	1.06	1.26	1.41	1.53	1.56	1.55	1.51	1.38	1.24	1.05	0.81	0.53	0.27	0.08	16.9	16.9		
60	0.08	0.30	0.63	1.03	1.40	1.72	1.97	2.20	2.31	2.30	2.18	1.95	1.71	1.40	1.03	0.64	0.31	0.08	23.2	23.2		
50	0.08	0.34	0.73	1.23	1.74	2.18	2.53	2.85	3.06	3.05	2.84	2.51	2.17	1.73	1.23	0.74	0.35	0.09	29.5	29.5		
40	0.09	0.37	0.82	1.40	2.04	2.62	3.09	3.49	3.78	3.78	3.47	3.08	2.61	2.04	1.41	0.83	0.38	0.09	35.4	35.4		
30	0.09	0.39	0.89	1.53	2.27	2.99	3.59	4.08	4.42	4.41	4.07	3.58	2.98	2.27	1.55	0.91	0.40	0.09	40.5	40.5		
	0.09	0.41	0.94	1.63	2.42	3.22	3.96	4.55	4.90	4.89	4.54	3.95	3.22	2.44	1.66	0.96	0.42	0.10	44.3	44.3		
	0.09	0.42	0.96	1.68	2.51	3.34	4.12	4.79	5.16	5.16	4.79	4.13	3.35	2.54	1.72	0.99	0.44	0.10	46.3	46.3		
	0.09	0.42	0.96	1.67	2.49	3.32	4.09	4.75	5.15	5.15	4.76	4.10	3.34	2.52	1.71	0.99	0.44	0.10	46.1	46.1		
	0.09	0.41	0.92	1.60	2.38	3.16	3.89	4.53	4.89	4.89	4.53	3.88	3.17	2.40	1.63	0.95	0.42	0.10	43.9	43.9		
-30	0.09	0.39	0.87	1.49	2.20	2.91	3.57	4.12	4.39	4.38	4.11	3.56	2.91	2.21	1.51	0.89	0.40	0.09	40.1	40.1		
-40	0.09	0.36	0.79	1.34	1.96	2.57	3.11	3.53	3.73	3.72	3.52	3.10	2.56	1.97	1.35	0.81	0.37	0.09	35.0	35.0		
-50	0.08	0.33	0.70	1.16	1.67	2.16	2.58	2.87	2.98	2.98	2.85	2.56	2.16	1.67	1.17	0.71	0.34	0.09	29.1	29.1		
-60	0.08	0.29	0.60	0.97	1.36	1.73	2.02	2.19	2.22	2.22	2.18	2.01	1.72	1.35	0.97	0.60	0.30	0.08	22.9	22.9		
-70	0.08	0.26	0.49	0.76	1.03	1.28	1.45	1.51	1.47	1.47	1.50	1.44	1.27	1.02	0.76	0.49	0.26	0.08	16.6	16.6		
-80	0.07	0.23	0.40	0.57	0.72	0.85	0.91	0.87	0.77	0.77	0.86	0.89	0.83	0.71	0.56	0.39	0.23	0.07	10.6	10.5		
-90	0.07	0.20	0.32	0.42	0.47	0.49	0.46	0.36	0.24	0.24	0.35	0.44	0.47	0.45	0.40	0.31	0.20	0.07	5.95	4.13		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)						20	30	40	50	60	70	80	90
Φ t	1.50	5.82	12.3	20.4	29.0	37.1	44.1	49.5	52.2	52.1	49.3	43.8	37.0	29.0	20.5	12.4	5.95	1.53	547			
Φ a	1.50	5.82	12.3	20.4	29.0	36.8	43.6	48.9	51.6	51.5	48.7	43.3	36.6	28.9	20.5	12.4	5.95	1.53		515		

Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年07月04日

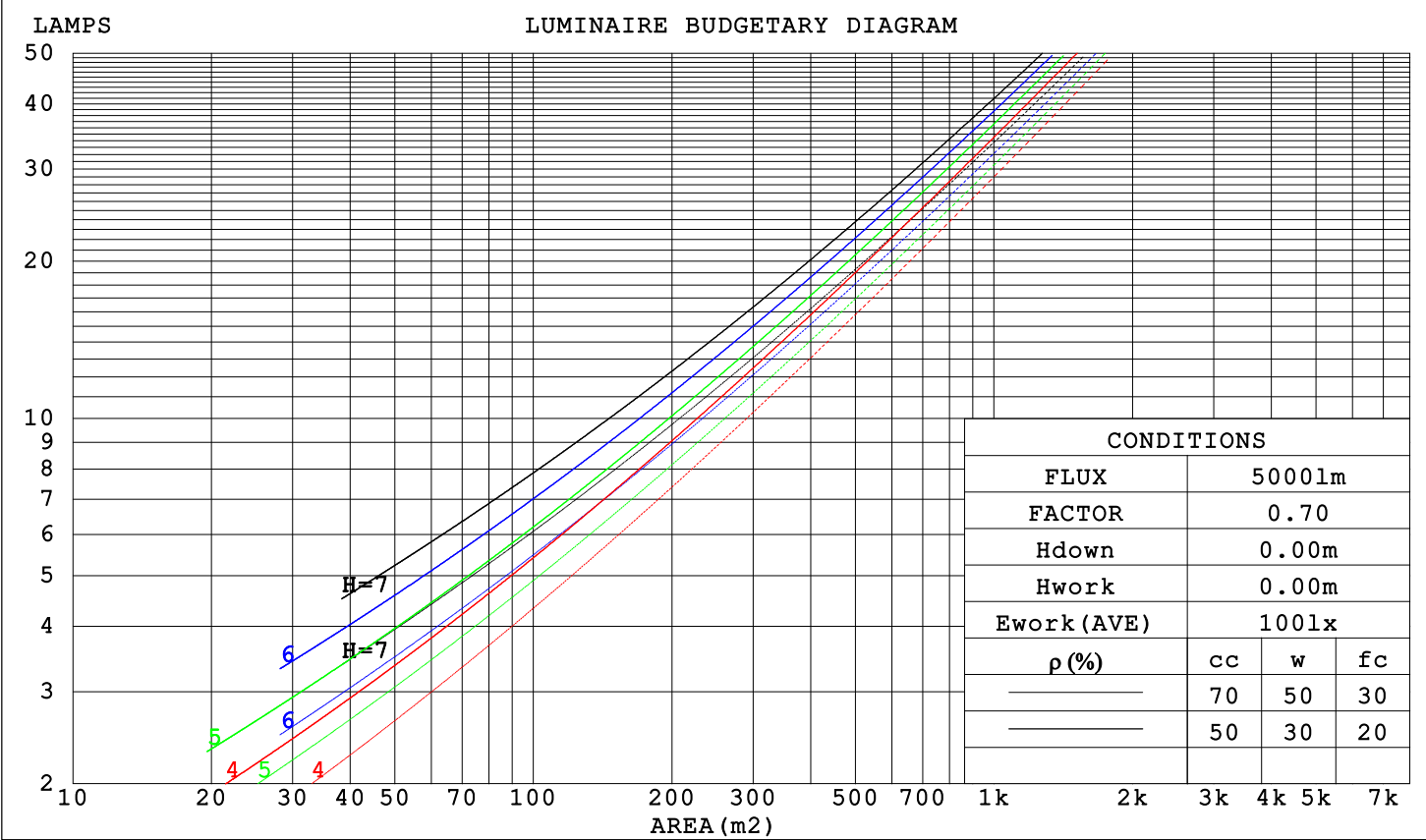
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address:															
NAME: 200mA 3000K 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	.83	.81	.81	.79	.77	.74
2.0	.87	.80	.73	.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	.58	.52	.47	.55	.50	.46	.43
5.0	.60	.51	.44	.58	.50	.43	.55	.48	.42	.52	.46	.41	.50	.44	.40	.37
6.0	.54	.45	.38	.53	.44	.38	.50	.42	.37	.47	.41	.36	.45	.39	.35	.33
7.0	.49	.40	.34	.48	.39	.33	.45	.38	.33	.43	.37	.32	.41	.35	.31	.29
8.0	.45	.36	.30	.43	.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	.28	.24	.34	.28	.23	.33	.27	.23	.21



Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年07月04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: 200mA 3000K 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	.255	.144	.046	
3.0	.279	.149	.045	.272	.146	.044	.258	.140	.042	.244	.134	.041	.232	.128	.040	
4.0	.255	.132	.039	.248	.130	.038	.235	.125	.037	.223	.120	.036	.212	.115	.035	
5.0	.234	.119	.035	.228	.117	.034	.216	.113	.033	.205	.108	.032	.195	.104	.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	.168	.087	.026	
8.0	.186	.091	.026	.182	.089	.025	.173	.087	.025	.165	.084	.024	.157	.081	.024	
9.0	.174	.084	.024	.170	.083	.023	.162	.080	.023	.155	.078	.022	.148	.075	.022	
10.0	.163	.078	.022	.160	.077	.022	.153	.075	.021	.146	.072	.021	.139	.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	.250	.250	.250	.214	.214	.214	.146	.146	.146	.084	.084	.084	.027	.027	.027	
1.0	.243	.216	.192	.208	.185	.165	.142	.128	.114	.082	.074	.066	.026	.024	.022	
2.0	.235	.192	.157	.201	.166	.135	.138	.115	.094	.080	.067	.055	.026	.022	.018	
3.0	.227	.175	.134	.195	.151	.116	.134	.105	.081	.077	.061	.048	.025	.020	.016	
4.0	.220	.162	.119	.188	.140	.103	.130	.098	.073	.075	.057	.043	.024	.019	.014	
5.0	.212	.152	.108	.182	.132	.094	.125	.092	.066	.073	.054	.039	.023	.018	.013	
6.0	.205	.144	.100	.176	.125	.088	.121	.087	.062	.070	.051	.037	.023	.017	.012	
7.0	.198	.137	.095	.170	.119	.083	.117	.083	.059	.068	.049	.035	.022	.016	.012	
8.0	.191	.131	.091	.165	.114	.079	.114	.080	.056	.066	.047	.033	.021	.015	.011	
9.0	.185	.127	.087	.159	.110	.076	.110	.077	.054	.064	.046	.032	.021	.015	.011	
10.0	.179	.122	.085	.154	.106	.074	.107	.075	.052	.063	.044	.031	.020	.015	.010	

Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年07月04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: 200mA 3000K 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	18.5	20.0	18.9	20.3	20.7	17.2	18.6	17.5	18.9	19.3	
	20.6	21.9	21.0	22.3	22.7	18.5	19.9	18.9	20.2	20.6	
	21.6	22.9	22.1	23.3	23.7	19.0	20.3	19.5	20.7	21.1	
	22.7	23.9	23.1	24.3	24.7	19.4	20.6	19.8	21.0	21.4	
	23.2	24.4	23.7	24.8	25.2	19.5	20.6	19.9	21.0	21.5	
	23.8	24.9	24.3	25.4	25.8	19.5	20.6	20.0	21.0	21.5	
4H	2H	19.1	20.3	19.5	20.7	21.1	18.0	19.3	18.4	19.7	
	3H	21.3	22.4	21.8	22.9	23.3	19.7	20.8	20.1	21.2	
	4H	22.5	23.5	23.0	24.0	24.5	20.3	21.4	20.8	21.8	
	6H	23.7	24.6	24.2	25.1	25.7	20.9	21.8	21.4	22.2	
	8H	24.4	25.2	24.9	25.7	26.3	21.0	21.9	21.5	22.4	
	12H	25.1	25.9	25.6	26.4	27.0	21.1	21.9	21.6	22.4	
8H	4H	22.8	23.6	23.3	24.1	24.7	21.0	21.8	21.5	22.3	
	6H	24.2	24.9	24.8	25.5	26.1	21.7	22.5	22.3	23.0	
	8H	25.0	25.7	25.6	26.2	26.8	22.1	22.7	22.6	23.3	
	12H	26.0	26.5	26.6	27.1	27.8	22.3	22.9	22.9	23.4	
12H	4H	22.8	23.6	23.3	24.1	24.7	21.1	21.9	21.6	22.4	
	6H	24.3	24.9	24.9	25.5	26.1	22.0	22.6	22.6	23.2	
	8H	25.2	25.8	25.8	26.3	27.0	22.5	23.0	23.0	23.6	
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 / - 0.4					
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 547.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.1)

Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:W
 Test Date:2023年07月04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: 200mA 3000K 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	43	60	50	43	36
1.00	71	60	52	70	59	52	67	60	51	43
1.25	78	67	59	77	66	59	73	64	58	49
1.50	83	73	65	81	71	64	78	69	63	54
2.00	90	81	73	88	79	72	84	76	70	61
2.50	94	86	79	92	84	77	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	73
5.00	105	99	94	102	97	92	96	92	88	76
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

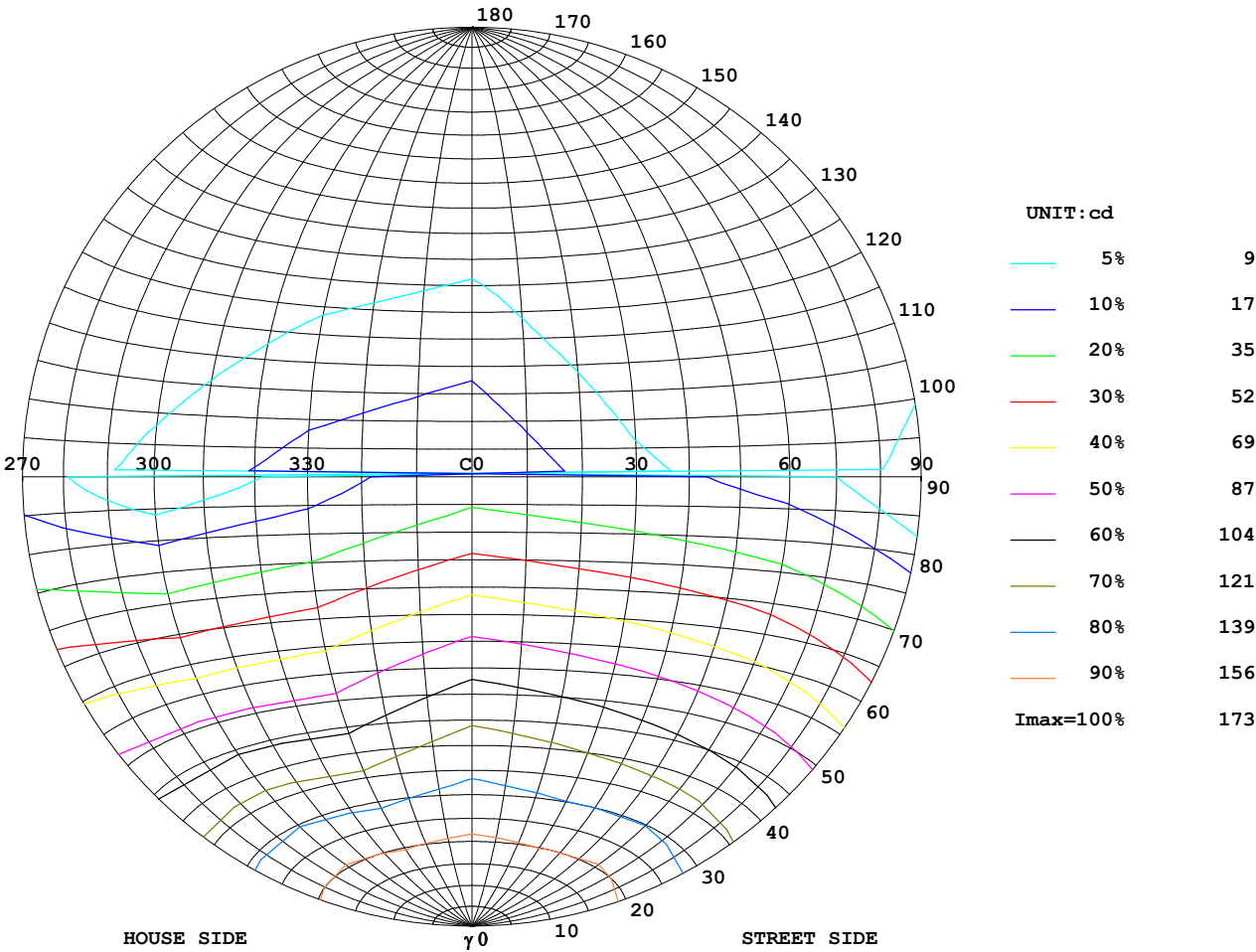
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年07月04日

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: 200mA 3000K 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07月04日

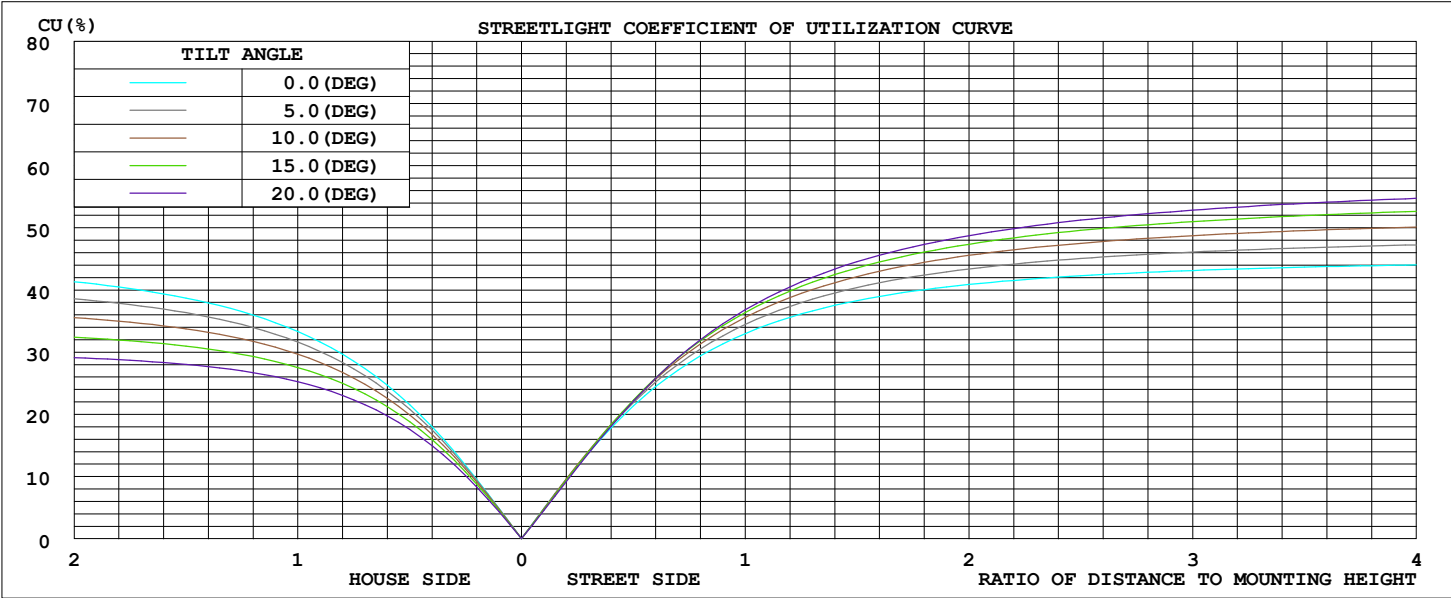
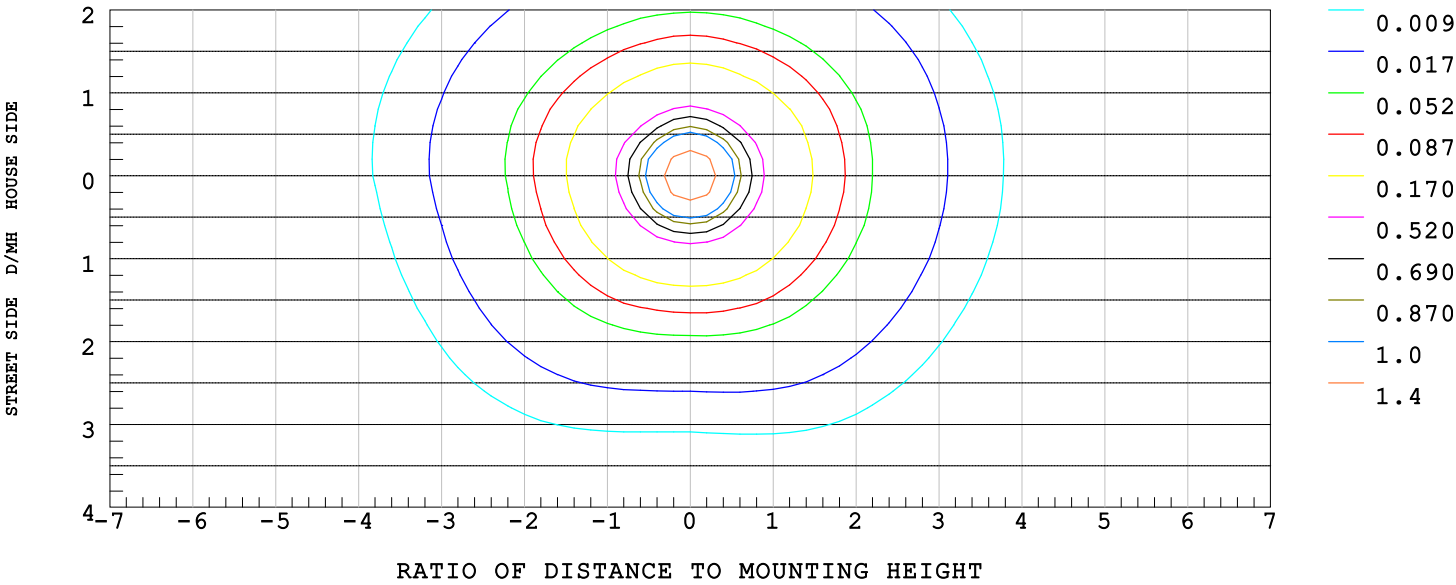
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 200mA 3000K with trim	TYPE:	WEIGHT: 0.5
SPECIFICATION:	DIMENSION: 0.245*0.125*0.07	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 1.73 lx



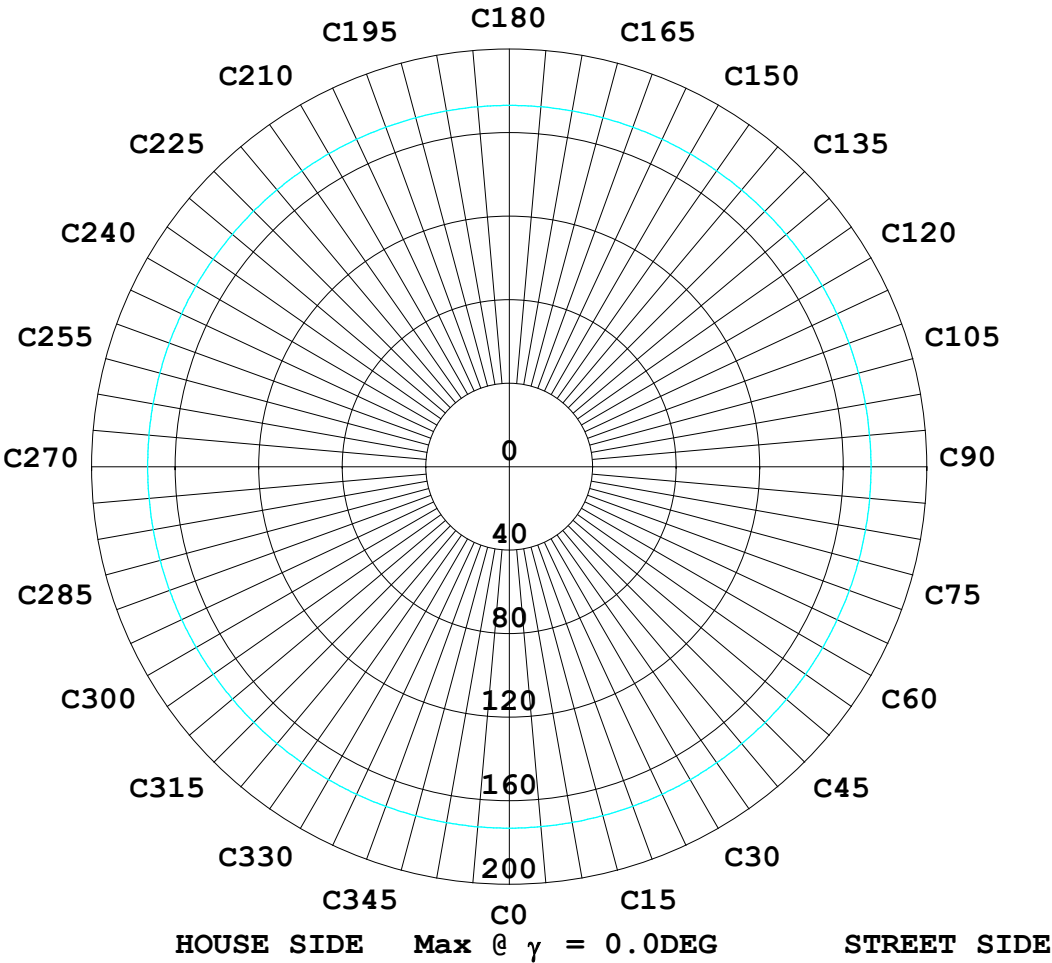
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年07月04日

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: 200mA 3000K 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07月04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: 200mA 3000K 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	173	173	173	173	173	173	173	173	173	173	173	173
5.0	172	172	172	172	172	172	172	172	172	172	172	172
10.0	169	168	169	168	169	168	169	170	168	169	168	170
15.0	165	163	164	162	164	163	164	165	163	164	163	165
20.0	158	156	157	154	157	156	158	159	156	157	155	159
25.0	151	147	148	145	149	148	150	151	146	148	146	151
30.0	143	139	138	134	139	139	143	142	136	138	136	142
35.0	136	130	127	123	128	130	135	134	125	127	124	133
40.0	128	121	116	111	116	121	127	125	114	114	113	125
45.0	119	112	104	97.7	105	112	118	115	102	102	101	115
50.0	110	101	92.3	84.7	93.1	101	108	105	90.6	89.1	89.7	105
55.0	99.3	90.8	81.2	71.9	82.0	90.7	97.0	94.7	79.4	76.1	78.5	94.6
60.0	88.7	79.8	70.3	59.1	70.9	79.6	86.2	83.7	68.5	63.1	67.6	83.6
65.0	77.4	68.4	59.1	46.4	59.7	68.4	74.8	72.8	57.2	50.6	56.4	72.6
70.0	65.9	57.3	48.0	34.4	48.6	57.4	63.3	61.4	46.1	38.2	45.3	61.3
75.0	54.6	46.1	37.4	22.9	38.0	46.4	52.3	50.2	35.7	26.4	34.8	49.9
80.0	43.4	35.6	27.1	12.5	27.8	36.2	41.5	39.9	25.7	15.8	24.7	39.3
85.0	33.6	26.9	18.2	4.99	19.1	27.9	32.5	30.6	17.4	7.06	16.3	29.7
90.0	26.7	21.2	12.4	1.21	13.4	22.7	27.0	24.2	12.5	1.99	11.2	22.9
95.0	23.5	18.7	9.78	0.86	10.7	19.9	24.1	21.3	10.2	1.14	9.06	19.8
100.0	20.9	16.4	7.99	1.00	8.71	17.6	21.3	18.7	8.35	1.14	7.35	17.4
105.0	18.4	14.2	6.35	1.07	6.92	15.2	18.7	16.2	6.56	1.14	5.78	15.1
110.0	16.0	12.1	4.71	1.21	5.21	12.9	16.2	13.9	4.92	1.21	4.21	12.9
115.0	13.7	10.1	3.21	1.28	3.49	10.7	13.8	11.7	3.28	1.28	2.78	10.8
120.0	11.4	8.06	1.99	1.42	2.14	8.63	11.5	9.49	1.99	1.42	1.71	8.85
125.0	9.28	5.85	1.57	1.49	1.57	6.28	9.13	7.28	1.57	1.49	1.57	6.71
130.0	6.85	3.92	1.64	1.57	1.64	4.21	6.71	4.99	1.64	1.64	1.64	4.56
135.0	4.64	2.28	1.71	1.71	1.71	2.42	4.35	3.14	1.78	1.71	1.71	2.85
140.0	2.71	1.85	1.78	1.78	1.78	1.85	2.49	1.99	1.85	1.85	1.85	1.92
145.0	1.99	1.92	1.85	1.92	1.85	1.85	1.99	1.99	1.92	1.92	1.92	1.99
150.0	1.99	1.99	1.99	1.99	1.92	1.99	2.07	2.07	2.07	1.99	1.99	2.07
155.0	2.07	1.99	2.07	2.07	1.99	1.99	2.14	2.14	2.14	2.07	2.07	2.14
160.0	2.07	2.07	2.14	2.14	2.07	2.07	2.21	2.14	2.14	2.14	2.14	2.14
165.0	2.14	2.14	2.14	2.14	2.14	2.14	2.28	2.21	2.21	2.21	2.21	2.21
170.0	2.21	2.21	2.21	2.21	2.21	2.21	2.28	2.21	2.28	2.28	2.28	2.21
175.0	2.21	2.28	2.21	2.21	2.21	2.21	2.28	2.28	2.28	2.28	2.28	2.28
180.0	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28

Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年07月04日

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