

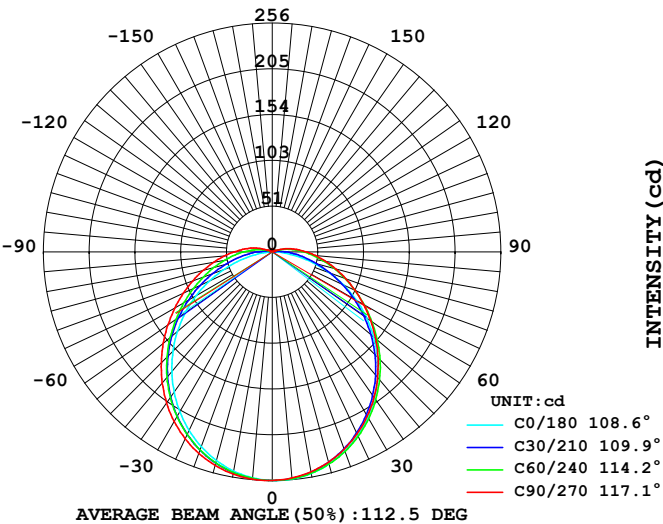
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

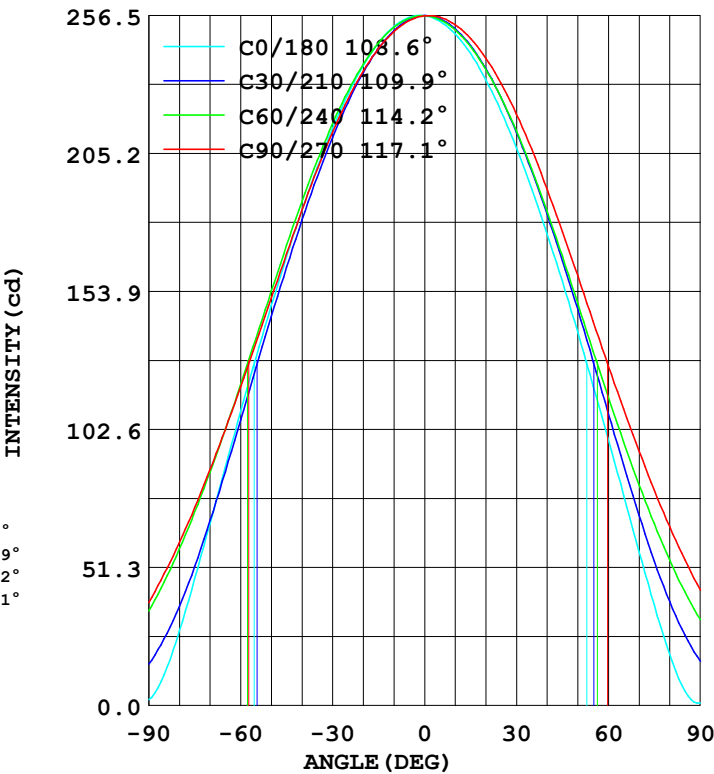
MANUFACTURER:		
Address:		
NAME: 350mA 4000K with trim	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 0.265*0.135*0.118	SERIAL No.:

DATA OF LAMP		Imax(cd)	256.4	S/MH(C0/180)	1.24
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.24
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	799.20	Voltage(V)	229.5
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	69.0	Current(A)	0.054
NOMINAL FLUX(lm)	799.2	η up(%)	4.5	Power(W)	11.57
LAMPS QUANTITY	1	η down(%)	95.5	Power Factor(PF)	0.940
TEST VOLTAGE(V)	229.6	Effective Flux(lm)	767.8	EEl	0.000(E)

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



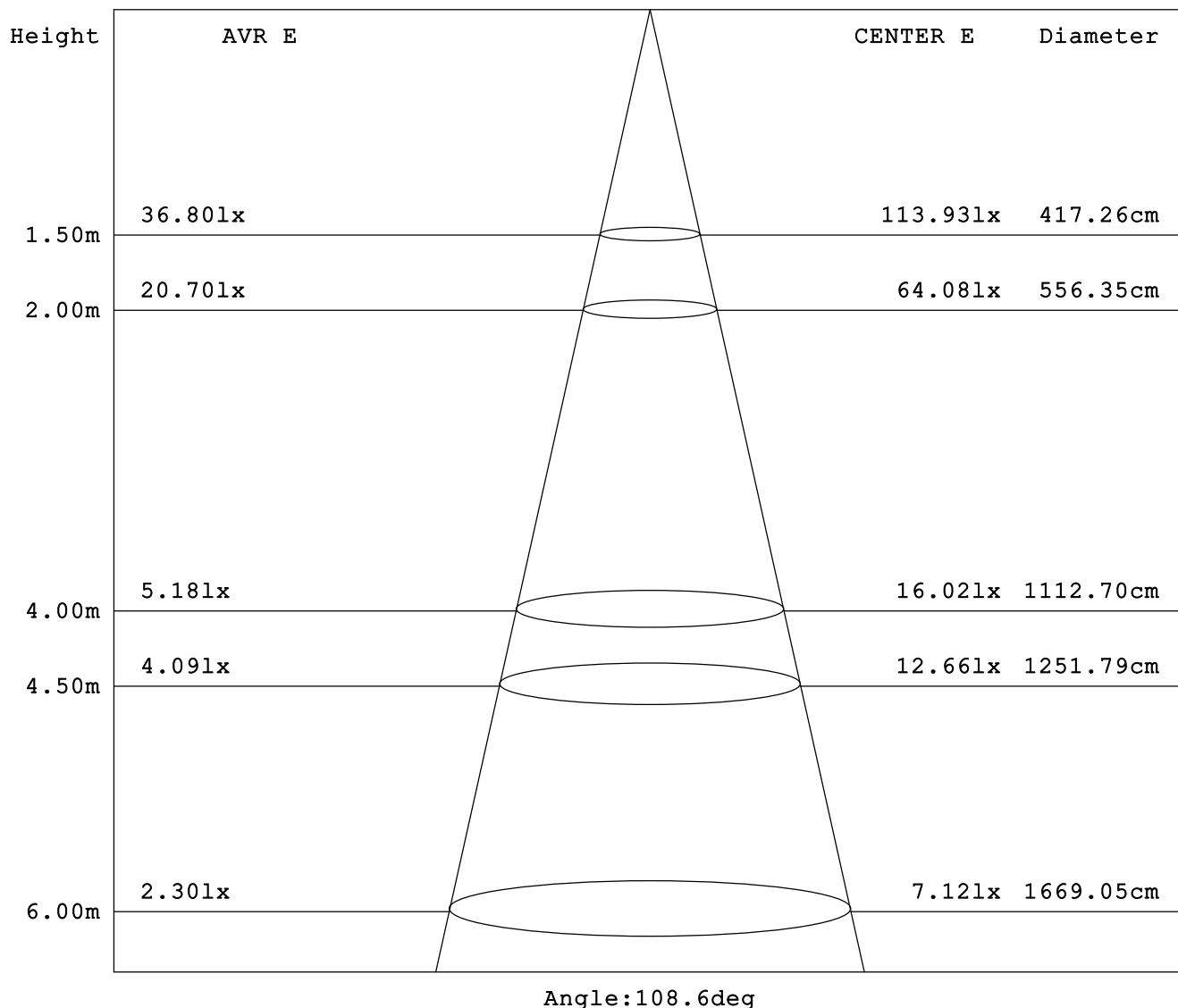
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月16日

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 4000K with trim	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 0.265*0.135*0.118	SERIAL No.:



Test System: HopooColor HPG1800
 Temperature: 25.3DEG
 Operators: W
 Test Date: 2023年06月16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 4000K with trim	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 0.265*0.135*0.118	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	255.6	255.1	254.4	254.4	254.2	255.0	255.8	255.5	0- 5	6.113	6.113
10.0	252.2	251.3	250.4	250.1	249.5	251.3	252.9	252.3	5- 10	18.11	24.22
15.0	246.1	245.1	244.1	243.5	242.3	245.0	247.8	246.6	10- 15	29.44	53.67
20.0	237.8	236.7	235.6	234.6	232.6	236.6	240.6	238.6	15- 20	39.70	93.37
25.0	227.0	226.0	225.2	223.5	220.7	225.8	231.2	228.4	20- 25	48.52	141.9
30.0	214.5	213.7	213.0	210.8	207.2	213.2	219.7	216.2	25- 30	55.62	197.5
35.0	199.9	199.4	199.1	196.2	191.9	198.9	206.8	202.4	30- 35	60.79	258.3
40.0	183.9	183.8	184.1	180.3	175.1	183.1	192.0	186.7	35- 40	63.87	322.1
45.0	167.0	167.0	167.9	163.4	157.6	166.1	176.0	170.0	40- 45	64.85	387.0
50.0	148.5	149.2	151.3	145.4	138.7	148.4	159.7	152.5	45- 50	63.80	450.8
55.0	129.2	131.1	134.9	127.3	118.8	129.9	142.8	134.1	50- 55	60.85	511.7
60.0	109.4	112.8	118.5	109.1	98.96	111.6	126.1	115.8	55- 60	56.24	567.9
65.0	88.68	94.78	102.5	91.32	78.11	93.64	110.2	97.85	60- 65	50.31	618.2
70.0	67.54	77.68	87.75	74.54	57.12	76.40	94.60	80.47	65- 70	43.40	661.6
75.0	47.26	61.83	73.54	59.12	37.41	60.58	79.97	64.44	70- 75	35.99	697.6
80.0	27.70	47.44	60.47	45.23	18.99	46.37	66.54	49.94	75- 80	28.46	726.1
85.0	11.28	35.27	48.91	33.48	5.283	34.13	54.12	37.23	80- 85	21.43	747.5
90.0	2.142	25.27	38.27	23.95	0.928	24.20	42.91	26.84	85- 90	15.46	763.0
95.0	1.428	17.38	29.13	16.38	1.071	16.56	33.48	18.60	90- 95	11.04	774.0
100.0	1.356	11.10	21.49	10.35	1.142	10.03	24.99	11.67	95-100	7.623	781.6
105.0	1.428	6.319	13.20	5.747	1.285	5.176	16.35	6.140	100-105	4.745	786.4
110.0	1.499	3.213	5.283	2.998	1.428	2.891	8.282	3.141	105-110	2.506	788.9
115.0	1.642	2.356	3.498	2.284	1.642	2.249	4.498	2.356	110-115	1.435	790.3
120.0	1.713	2.070	2.570	2.034	1.785	2.070	3.284	2.070	115-120	1.119	791.4
125.0	1.856	2.034	2.213	2.034	1.999	2.142	2.641	2.034	120-125	0.975	792.4
130.0	2.070	2.142	2.213	2.213	2.142	2.249	2.356	2.177	125-130	0.928	793.4
135.0	2.213	2.284	2.356	2.284	2.284	2.356	2.499	2.320	130-135	0.912	794.3
140.0	2.284	2.391	2.427	2.391	2.427	2.499	2.570	2.463	135-140	0.882	795.1
145.0	2.427	2.534	2.570	2.534	2.570	2.606	2.641	2.606	140-145	0.834	796.0
150.0	2.570	2.641	2.713	2.641	2.713	2.748	2.784	2.677	145-150	0.772	796.8
155.0	2.641	2.713	2.784	2.748	2.856	2.856	2.856	2.784	150-155	0.691	797.4
160.0	2.784	2.784	2.856	2.820	2.927	2.963	2.927	2.891	155-160	0.592	798.0
165.0	2.856	2.891	2.927	2.891	2.998	2.998	2.998	2.963	160-165	0.479	798.5
170.0	2.927	2.963	2.998	2.963	3.070	3.070	3.070	3.034	165-170	0.353	798.9
175.0	3.070	3.034	3.070	2.998	3.141	3.070	3.070	3.070	170-175	0.217	799.1
180.0	3.141	3.070	3.070	3.070	3.141	3.070	3.070	3.070	175-180	0.074	799.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

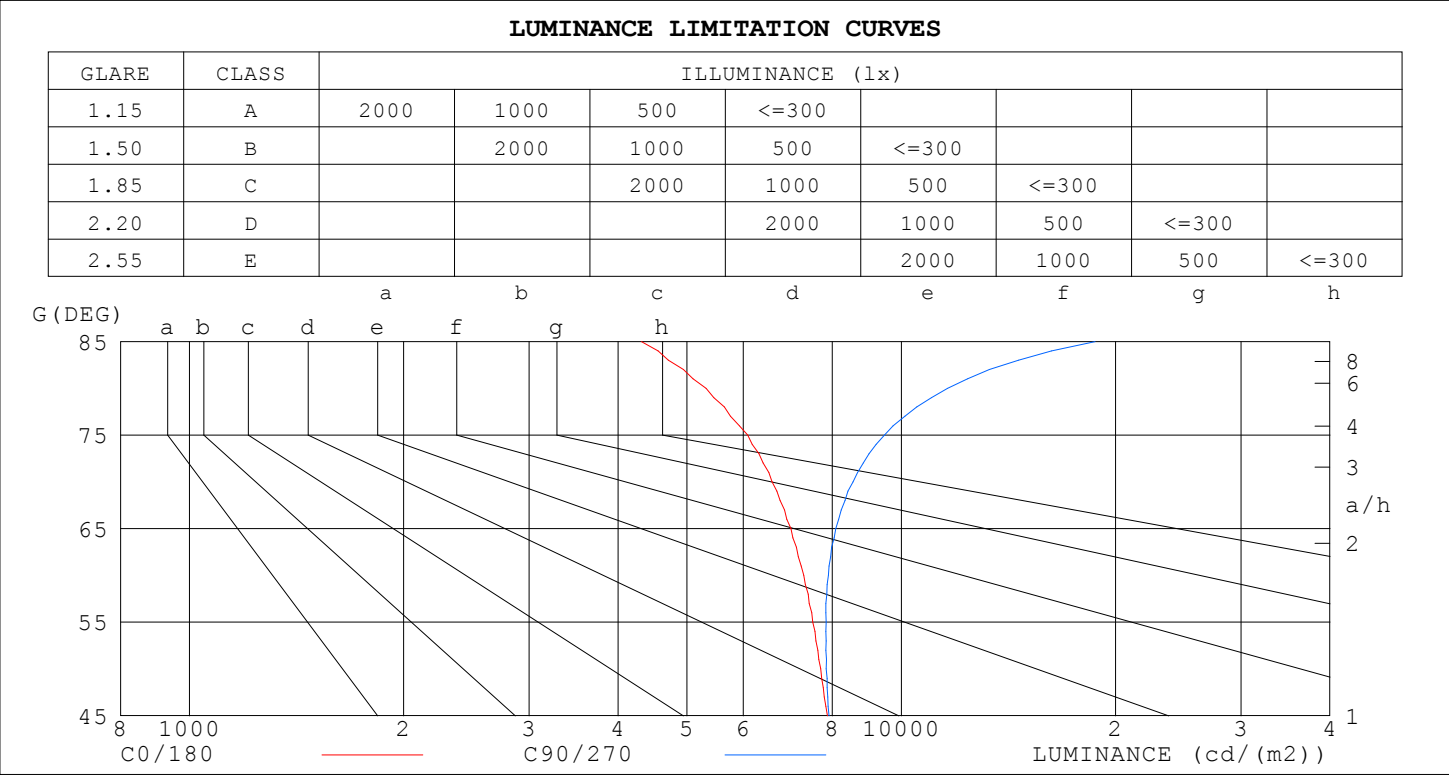
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月16日

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 4000K with trim	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 0.265*0.135*0.118	SERIAL No.:



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	4315	18706
80	5318	11609
75	6088	9472
70	6583	8552
65	6995	8087
60	7297	7902
55	7511	7843
50	7705	7846
45	7873	7917

Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月16日

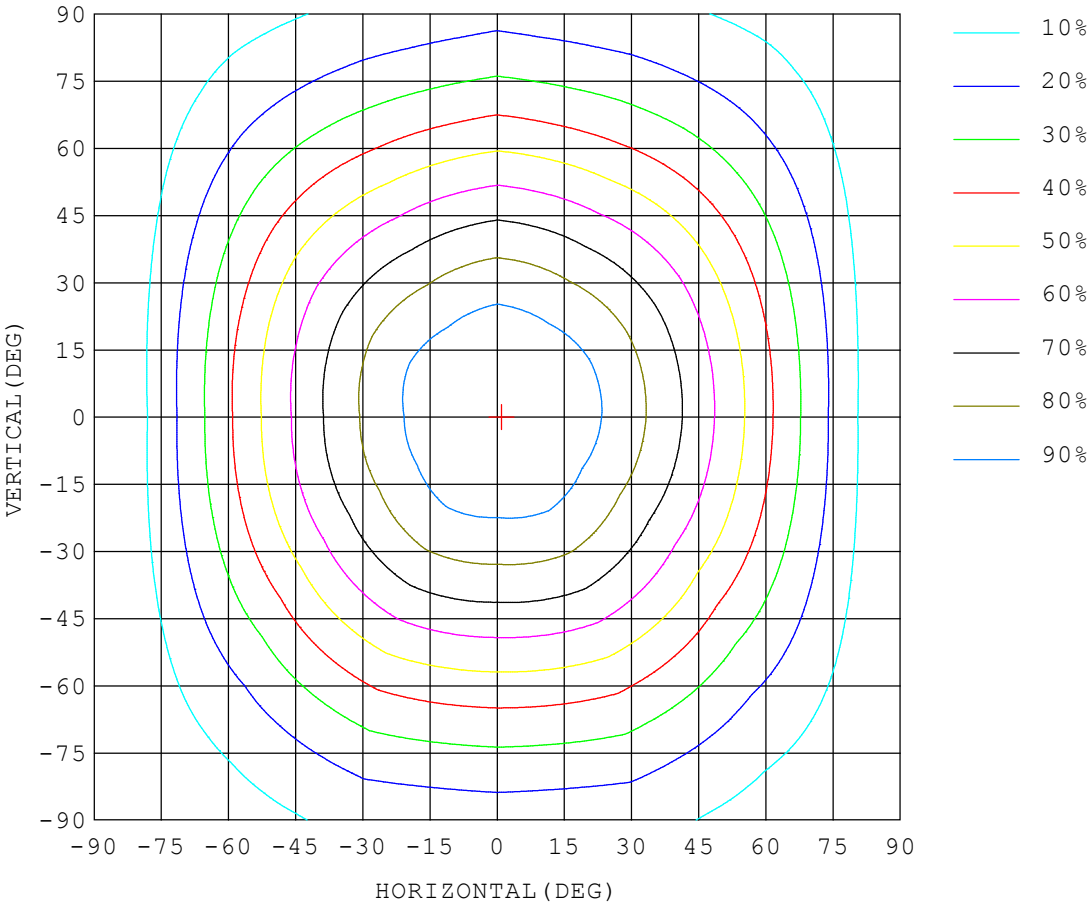
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 350mA 4000K with trim	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 0.265*0.135*0.118	SERIAL No.:

UNIT: cd



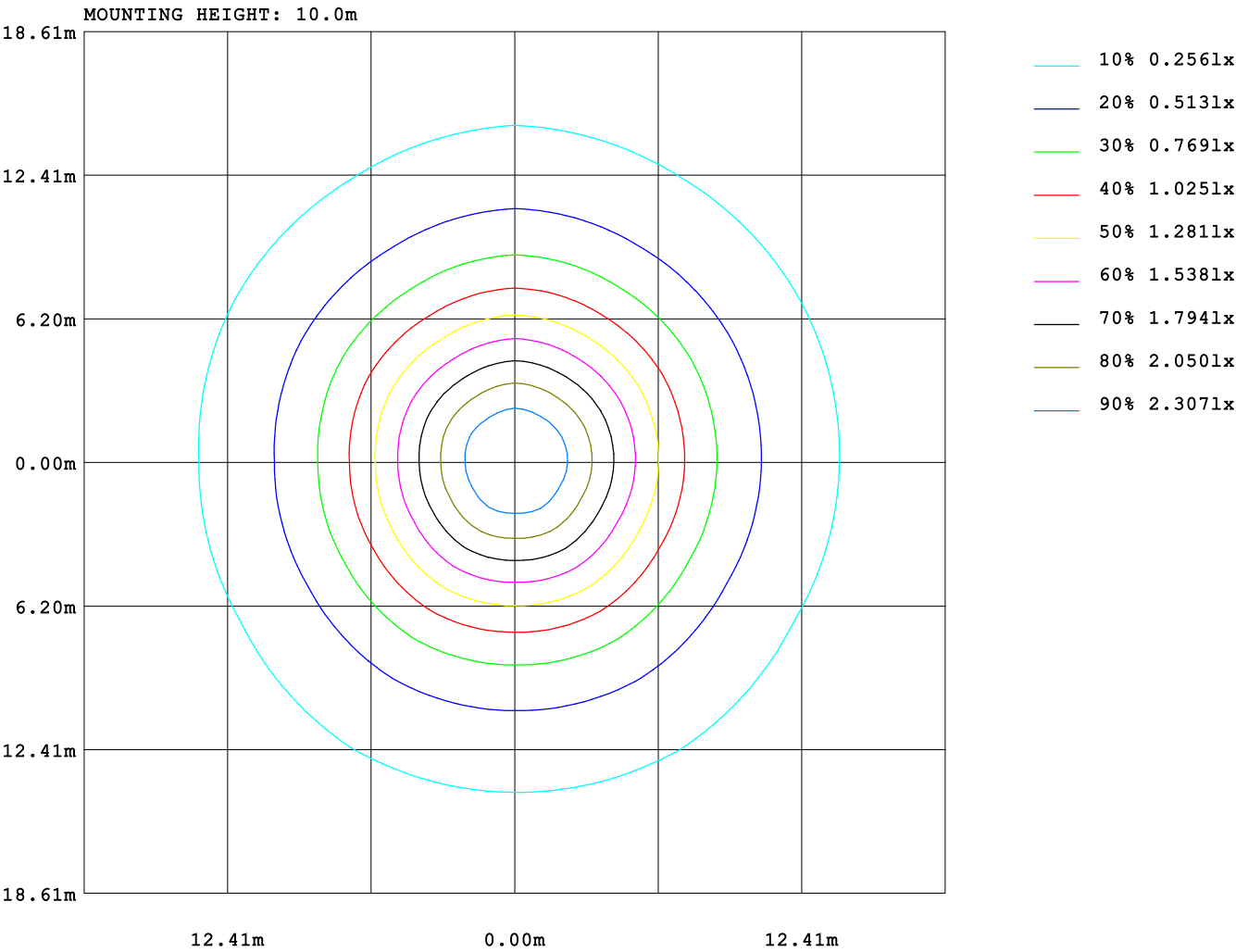
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月16日

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 4000K with trim	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 0.265*0.135*0.118	SERIAL No.:



Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月16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 4000K with trim									TYPE:						WEIGHT:					
SPECIFICATION:									DIMENSION: 0.265*0.135*0.118						SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.01	0.08	0.22	0.43	0.67	0.94	1.19	1.40	1.58	1.59	1.44	1.24	1.00	0.74	0.49	0.27	0.10	0.02	13.4	12.3		
90																						
80	0.01	0.11	0.33	0.65	1.02	1.42	1.80	2.12	2.35	2.37	2.16	1.87	1.50	1.10	0.72	0.39	0.14	0.02	20.1	19.6		
70	0.02	0.15	0.46	0.91	1.44	1.99	2.51	2.95	3.26	3.27	3.00	2.59	2.08	1.53	0.99	0.52	0.19	0.03	27.9	27.6		
60	0.02	0.19	0.59	1.19	1.89	2.62	3.29	3.86	4.24	4.26	3.92	3.38	2.72	1.99	1.28	0.67	0.24	0.03	36.4	36.2		
50	0.02	0.23	0.73	1.47	2.36	3.27	4.09	4.78	5.23	5.26	4.85	4.19	3.37	2.46	1.57	0.82	0.29	0.04	45.0	44.9		
40	0.03	0.27	0.85	1.72	2.78	3.87	4.85	5.63	6.15	6.17	5.70	4.95	3.98	2.89	1.83	0.95	0.33	0.04	53.0	52.9		
30	0.03	0.30	0.94	1.91	3.11	4.36	5.49	6.34	6.89	6.91	6.41	5.58	4.48	3.24	2.05	1.05	0.36	0.04	59.5	59.4		
	0.03	0.31	1.00	2.04	3.32	4.67	5.92	6.86	7.40	7.42	6.93	6.03	4.81	3.47	2.19	1.12	0.38	0.05	64.0	63.9		
	0.03	0.32	1.02	2.09	3.40	4.79	6.09	7.11	7.66	7.69	7.19	6.23	4.96	3.58	2.26	1.15	0.39	0.05	66.0	65.9		
	0.03	0.31	1.01	2.07	3.37	4.75	6.04	7.05	7.63	7.66	7.14	6.18	4.93	3.55	2.24	1.14	0.39	0.04	65.6	65.5		
	0.03	0.31	0.98	2.00	3.24	4.56	5.79	6.80	7.35	7.37	6.87	5.90	4.70	3.40	2.14	1.09	0.38	0.04	63.0	62.9		
-30	0.03	0.29	0.91	1.84	2.99	4.21	5.39	6.33	6.78	6.81	6.39	5.49	4.32	3.12	1.97	1.01	0.35	0.04	58.3	58.2		
-40	0.02	0.26	0.81	1.62	2.64	3.76	4.82	5.62	6.00	6.02	5.68	4.91	3.86	2.74	1.73	0.90	0.31	0.04	51.7	51.6		
-50	0.02	0.22	0.68	1.36	2.24	3.21	4.11	4.74	5.06	5.07	4.79	4.19	3.30	2.33	1.45	0.76	0.27	0.03	43.8	43.7		
-60	0.02	0.18	0.54	1.09	1.81	2.60	3.32	3.80	4.06	4.07	3.85	3.39	2.68	1.89	1.16	0.61	0.22	0.03	35.3	35.1		
-70	0.01	0.13	0.41	0.83	1.38	2.00	2.55	2.89	3.08	3.10	2.93	2.60	2.06	1.45	0.89	0.46	0.17	0.02	27.0	26.6		
-80	0.01	0.10	0.29	0.59	0.99	1.44	1.83	2.06	2.20	2.21	2.09	1.87	1.49	1.04	0.63	0.33	0.12	0.02	19.3	18.7		
-90	0.01	0.07	0.19	0.39	0.66	0.97	1.22	1.36	1.46	1.46	1.38	1.25	1.00	0.69	0.42	0.22	0.09	0.02	12.8	11.6		
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																						
Φ t	0.37	3.80	11.9	24.2	39.3	55.5	70.3	81.8	88.4	88.8	82.8	71.9	57.3	41.2	26.0	13.4	4.72	0.60	799			
Φ a	0.00	2.63	11.1	23.6	39.2	55.5	70.3	81.8	88.4	88.8	82.8	71.9	57.3	41.2	25.6	12.8	3.87	0.04		768		

Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月16日

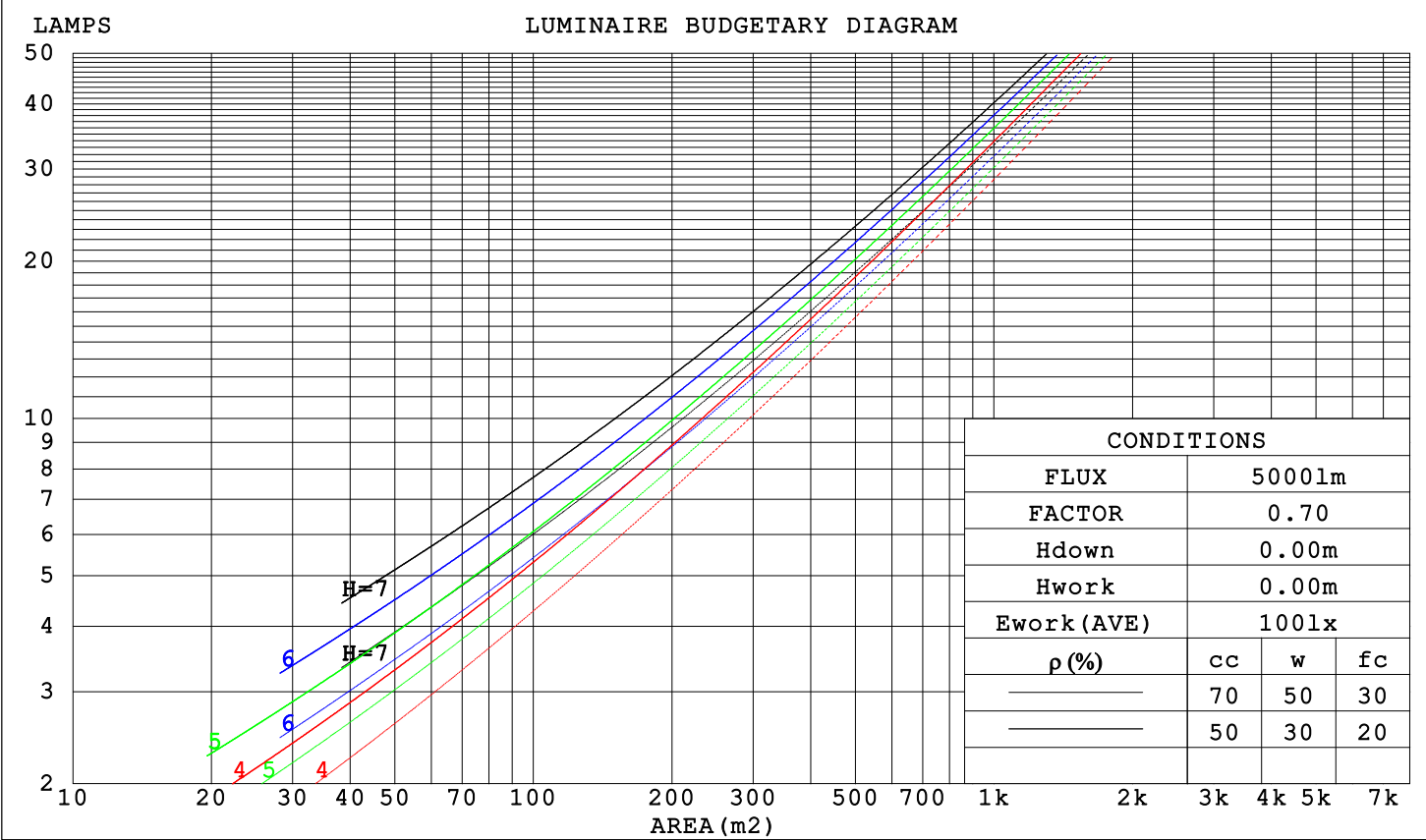
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address:															
NAME: 350mA 4000K with trim								TYPE:				WEIGHT:			
SPECIFICATION:								DIMENSION: 0.265*0.135*0.118				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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.95
1.0	1.01	.96	.92	.98	.94	.90	.93	.90	.86	.88	.86	.83	.84	.82	.80	.77
2.0	.88	.80	.74	.85	.79	.73	.81	.75	.70	.77	.72	.68	.73	.69	.66	.63
3.0	.77	.68	.61	.75	.67	.60	.71	.64	.59	.68	.62	.57	.64	.60	.56	.53
4.0	.68	.59	.52	.66	.58	.51	.63	.56	.50	.60	.54	.49	.57	.52	.48	.45
5.0	.60	.51	.44	.59	.50	.44	.56	.49	.43	.54	.47	.42	.52	.46	.41	.39
6.0	.54	.45	.39	.53	.45	.38	.51	.43	.38	.49	.42	.37	.47	.41	.36	.34
7.0	.49	.40	.34	.48	.40	.34	.46	.39	.33	.44	.38	.33	.43	.37	.32	.30
8.0	.45	.36	.30	.44	.36	.30	.42	.35	.30	.41	.34	.29	.39	.33	.29	.27
9.0	.41	.33	.27	.40	.33	.27	.39	.32	.27	.38	.31	.26	.36	.30	.26	.24
10.0	.38	.30	.25	.37	.30	.25	.36	.29	.24	.35	.28	.24	.34	.28	.24	.22



Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月16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 4000K with trim								TYPE:				WEIGHT:			
SPECIFICATION:								DIMENSION: 0.265*0.135*0.118				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	.343	.195	.062	.335	.191	.061	.319	.183	.058	.304	.175	.056	.290	.168	.054	
2.0	.309	.170	.052	.302	.166	.051	.287	.160	.050	.274	.154	.048	.262	.148	.047	
3.0	.281	.149	.045	.274	.147	.044	.261	.142	.043	.249	.137	.042	.239	.132	.041	
4.0	.256	.133	.039	.250	.131	.039	.239	.127	.038	.228	.123	.037	.218	.119	.036	
5.0	.235	.120	.035	.230	.118	.034	.219	.114	.034	.210	.111	.033	.201	.108	.032	
6.0	.217	.109	.031	.212	.107	.031	.203	.104	.030	.194	.101	.030	.186	.098	.029	
7.0	.201	.099	.028	.197	.098	.028	.189	.095	.027	.181	.093	.027	.174	.090	.027	
8.0	.187	.092	.026	.183	.090	.026	.176	.088	.025	.169	.086	.025	.162	.083	.024	
9.0	.175	.085	.024	.172	.084	.023	.165	.082	.023	.159	.079	.023	.153	.077	.022	
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.149	.074	.021	.144	.072	.021	

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	.225	.225	.225	.192	.192	.192	.131	.131	.131	.075	.075	.075	.024	.024	.024	
1.0	.217	.191	.167	.186	.164	.143	.127	.113	.099	.073	.065	.058	.023	.021	.019	
2.0	.210	.167	.131	.180	.144	.113	.123	.099	.079	.071	.058	.046	.023	.019	.015	
3.0	.202	.150	.108	.173	.129	.094	.119	.090	.066	.069	.052	.039	.022	.017	.013	
4.0	.194	.136	.093	.166	.118	.080	.114	.082	.057	.066	.048	.034	.021	.016	.011	
5.0	.186	.126	.082	.160	.109	.071	.110	.076	.050	.064	.045	.030	.021	.015	.010	
6.0	.179	.118	.074	.154	.102	.065	.106	.072	.046	.062	.042	.027	.020	.014	.009	
7.0	.172	.111	.069	.148	.096	.060	.102	.068	.042	.059	.040	.025	.019	.013	.008	
8.0	.165	.105	.064	.142	.091	.056	.098	.064	.040	.057	.038	.024	.019	.012	.008	
9.0	.159	.100	.061	.137	.087	.053	.095	.061	.038	.055	.036	.022	.018	.012	.007	
10.0	.153	.096	.058	.132	.084	.051	.092	.059	.036	.054	.035	.022	.017	.011	.007	

Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月16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 4000K with trim					TYPE:			WEIGHT:			
SPECIFICATION:					DIMENSION: 0.265*0.135*0.118			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	2H	19.3	20.8	19.6	21.1	21.4	19.8	21.3	20.2	21.6	21.9
	3H	20.8	22.2	21.2	22.5	22.9	21.8	23.1	22.1	23.5	23.8
	4H	21.4	22.8	21.8	23.1	23.4	22.8	24.1	23.2	24.4	24.8
	6H	21.9	23.1	22.3	23.5	23.8	23.8	25.1	24.2	25.4	25.8
	8H	22.0	23.2	22.4	23.6	24.0	24.4	25.6	24.8	26.0	26.3
	12H	22.1	23.2	22.5	23.6	24.0	25.0	26.2	25.5	26.6	27.0
4H	2H	20.0	21.3	20.4	21.6	22.0	20.4	21.7	20.8	22.1	22.4
	3H	21.7	22.8	22.1	23.2	23.6	22.6	23.8	23.0	24.1	24.5
	4H	22.4	23.5	22.9	23.9	24.3	23.8	24.9	24.2	25.3	25.7
	6H	23.0	24.0	23.5	24.4	24.9	25.1	26.0	25.5	26.4	26.9
	8H	23.2	24.1	23.7	24.6	25.1	25.7	26.6	26.2	27.1	27.6
	12H	23.4	24.2	23.9	24.7	25.2	26.5	27.3	27.0	27.8	28.3
8H	4H	22.9	23.8	23.4	24.3	24.8	24.1	25.0	24.6	25.5	25.9
	6H	23.7	24.5	24.3	25.0	25.5	25.7	26.4	26.2	26.9	27.4
	8H	24.1	24.7	24.6	25.2	25.8	26.5	27.2	27.1	27.7	28.3
	12H	24.3	24.9	24.9	25.5	26.0	27.5	28.1	28.1	28.6	29.2
12H	4H	23.1	23.9	23.6	24.4	24.9	24.1	24.9	24.6	25.4	25.9
	6H	24.0	24.7	24.5	25.2	25.7	25.8	26.4	26.3	26.9	27.5
	8H	24.4	25.0	25.0	25.5	26.1	26.7	27.3	27.3	27.8	28.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.1 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 799.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.8)

Test System:HopooColor HPG1800
 Temperature:25.3DEG
 Operators:W
 Test Date:2023年06月16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 4000K with trim	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 0.265*0.135*0.118	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) $k(RI) \times RCR = 5$									
$k = 0.60$	55	43	36	54	43	36	53	42	36	29
0.80	65	53	45	63	52	45	61	51	44	37
1.00	73	61	53	71	60	53	69	62	52	45
1.25	80	68	61	78	68	60	75	66	59	51
1.50	85	74	66	83	73	66	79	71	64	56
2.00	91	82	75	89	81	74	85	78	72	63
2.50	96	87	80	93	85	79	89	82	77	67
3.00	99	91	85	96	89	84	92	86	81	71
4.00	103	97	91	100	95	90	95	91	87	76
5.00	106	100	95	103	98	94	98	94	90	79
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

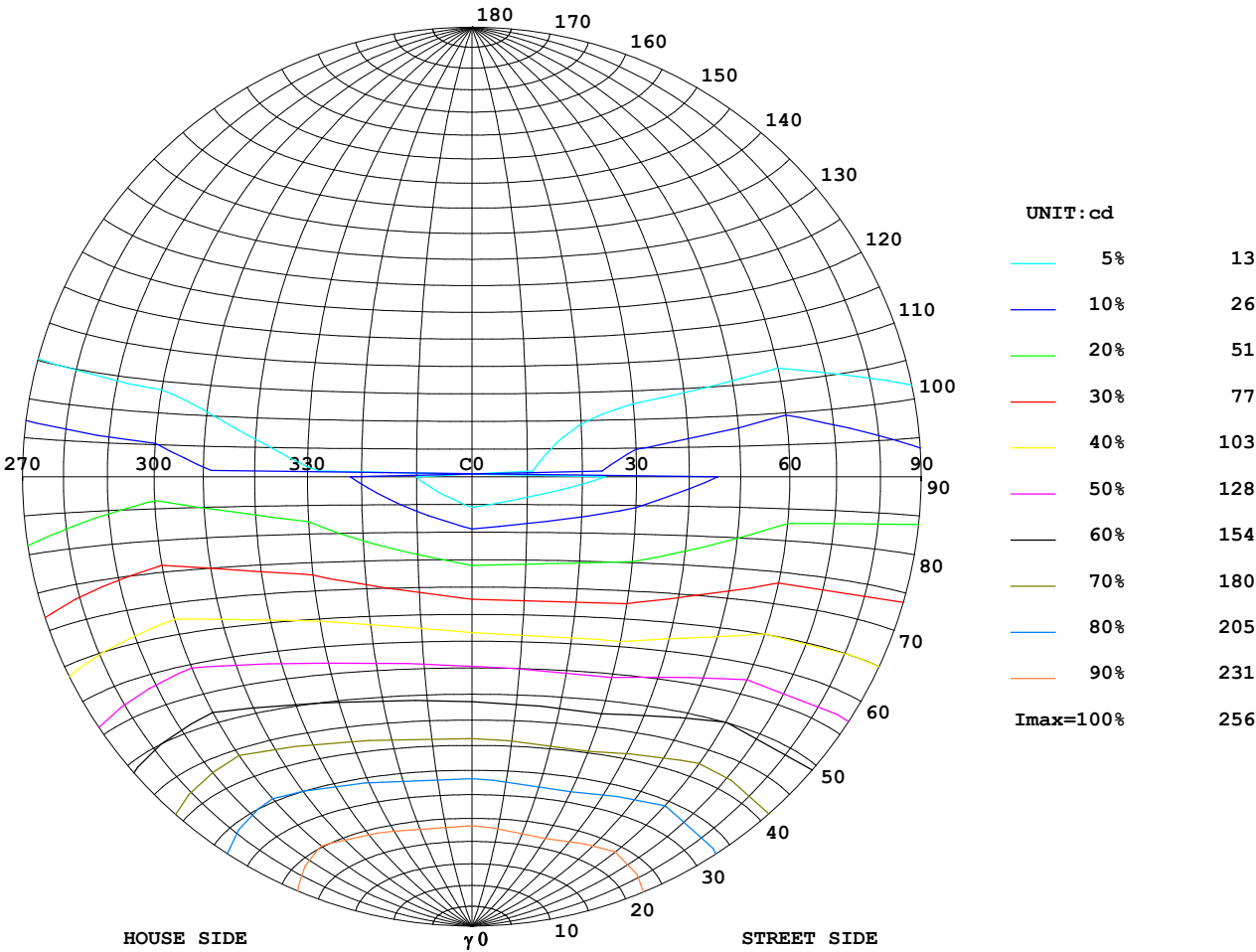
Test System: HopooColor HPG1800
 Temperature: 25.3DEG
 Operators: W
 Test Date: 2023年06月16日

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 4000K with trim	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 0.265*0.135*0.118	SERIAL No.:



Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月16日

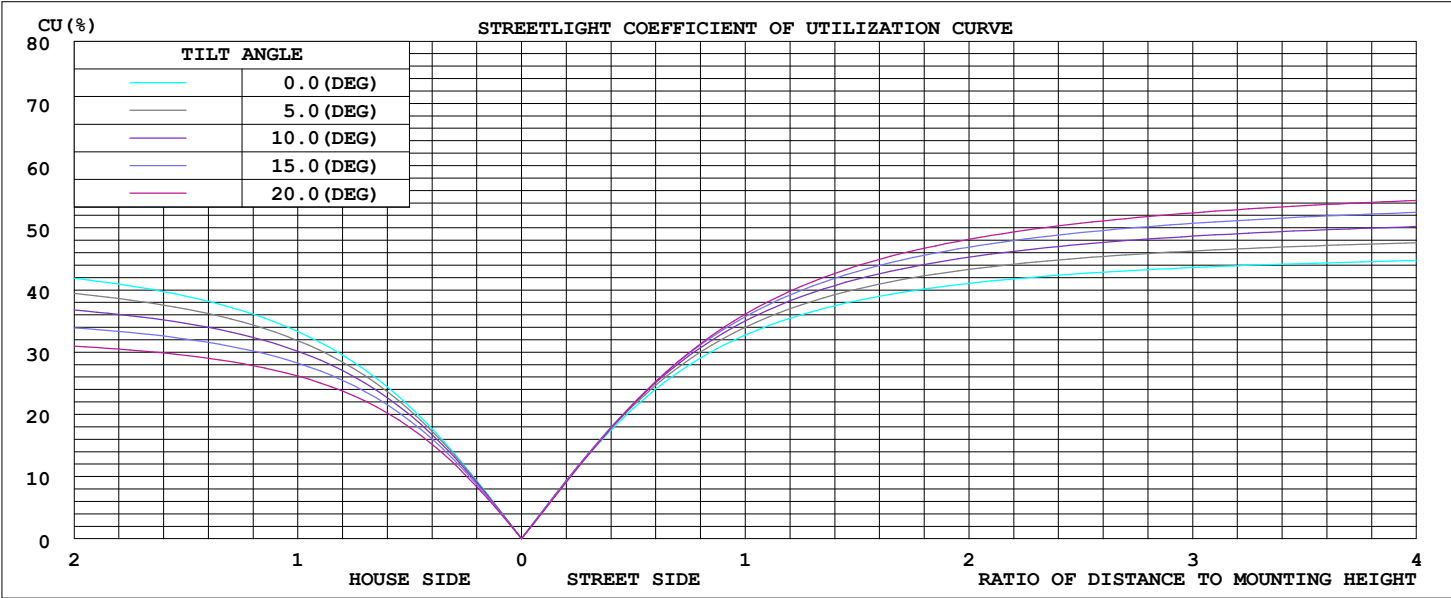
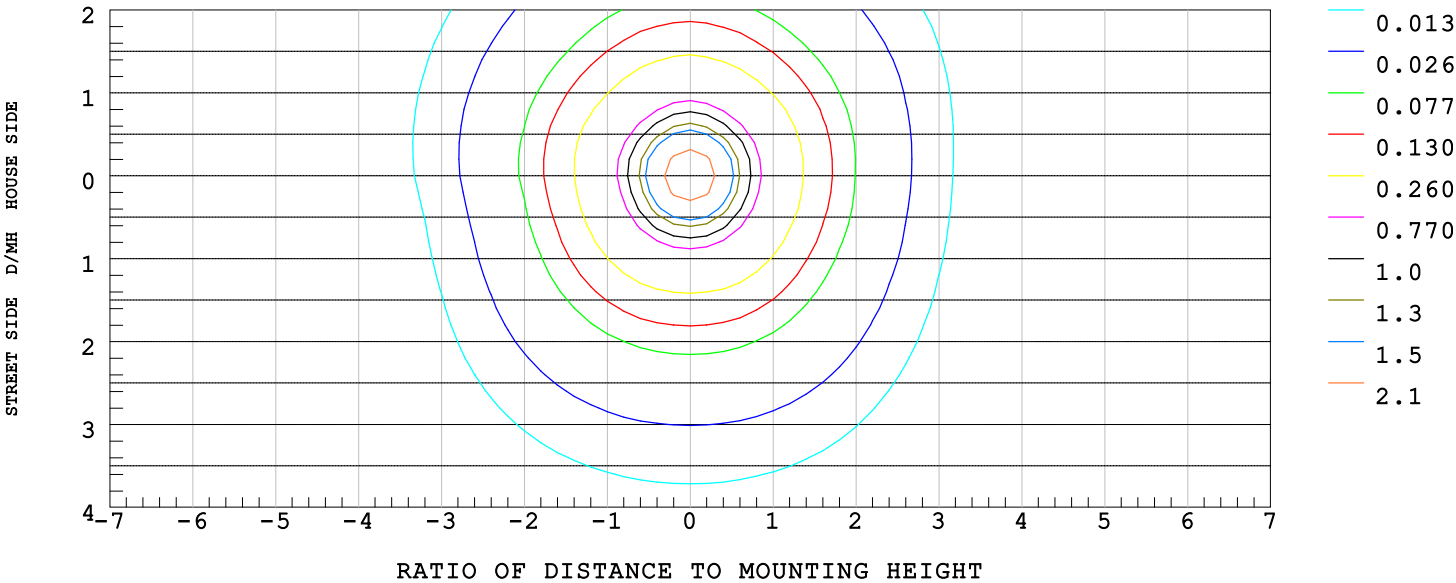
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 350mA 4000K with trim	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 0.265*0.135*0.118	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 2.56 lx



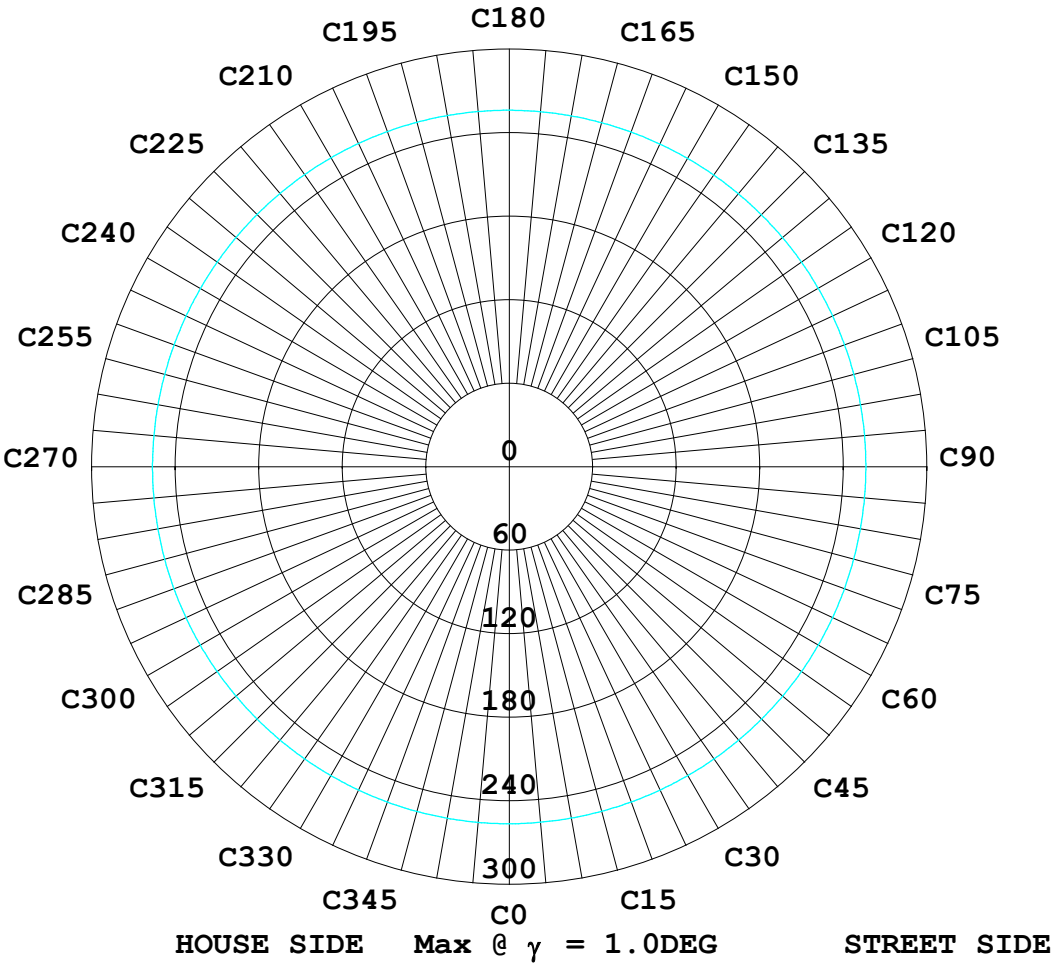
Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月16日

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 4000K with trim	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 0.265*0.135*0.118	SERIAL No.:



Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月16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 4000K with trim	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 0.265*0.135*0.118	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	256	256	256	256	256	256	256	256	256	256	256	256
5.0	256	255	255	254	255	254	254	255	255	256	255	256
10.0	252	251	252	250	251	249	250	252	251	253	252	253
15.0	246	244	246	244	245	242	242	245	245	248	246	247
20.0	238	235	238	236	237	232	233	237	236	241	238	239
25.0	227	224	228	225	226	221	221	226	226	231	228	229
30.0	215	211	216	213	214	207	207	213	214	220	216	217
35.0	200	196	203	199	200	192	192	199	199	207	202	203
40.0	184	180	187	184	185	176	175	183	184	192	186	187
45.0	167	163	171	168	169	158	158	165	167	176	170	170
50.0	149	145	154	151	151	140	139	147	150	160	153	152
55.0	129	126	137	135	134	121	119	128	132	143	135	133
60.0	109	106	120	119	117	101	98.9	108	115	126	118	114
65.0	88.6	86.8	103	103	100	82.2	78.1	89.3	97.8	110	101	94.6
70.0	67.5	68.7	86.6	87.7	84.4	64.6	57.1	70.7	82.0	94.6	85.0	75.9
75.0	47.2	51.6	71.9	73.5	70.0	48.1	37.4	53.5	67.6	79.9	70.4	58.4
80.0	27.7	36.7	58.1	60.4	56.4	33.9	18.9	38.7	54.0	66.5	56.6	43.1
85.0	11.2	24.7	45.7	48.9	44.3	22.6	5.28	26.1	42.1	54.1	44.4	29.9
90.0	2.14	15.3	35.2	38.2	34.0	13.8	0.93	16.4	31.9	42.9	34.1	19.5
95.0	1.42	8.78	25.9	29.1	25.0	7.71	1.07	9.71	23.4	33.4	25.1	12.0
100.0	1.35	3.85	18.3	21.4	17.5	3.14	1.14	4.42	15.6	24.9	17.3	5.99
105.0	1.42	1.92	10.7	13.2	9.78	1.71	1.28	2.35	7.99	16.3	9.35	2.92
110.0	1.49	1.57	4.85	5.28	4.49	1.49	1.42	1.85	3.92	8.28	4.35	1.92
115.0	1.64	1.64	3.07	3.49	2.92	1.64	1.64	1.78	2.71	4.49	2.92	1.78
120.0	1.71	1.78	2.35	2.57	2.28	1.78	1.78	1.92	2.21	3.28	2.28	1.85
125.0	1.85	1.92	2.14	2.21	2.14	1.92	1.99	2.14	2.14	2.64	2.07	1.99
130.0	2.07	2.07	2.21	2.21	2.28	2.14	2.14	2.28	2.21	2.35	2.21	2.14
135.0	2.21	2.21	2.35	2.35	2.35	2.21	2.28	2.35	2.35	2.49	2.35	2.28
140.0	2.28	2.35	2.42	2.42	2.42	2.35	2.42	2.49	2.49	2.57	2.49	2.42
145.0	2.42	2.49	2.57	2.57	2.57	2.49	2.57	2.57	2.64	2.64	2.64	2.57
150.0	2.57	2.64	2.64	2.71	2.64	2.64	2.71	2.78	2.71	2.78	2.71	2.64
155.0	2.64	2.71	2.71	2.78	2.78	2.71	2.85	2.85	2.85	2.85	2.78	2.78
160.0	2.78	2.78	2.78	2.85	2.85	2.78	2.92	2.99	2.92	2.92	2.92	2.85
165.0	2.85	2.92	2.85	2.92	2.92	2.85	2.99	2.99	2.99	2.99	2.99	2.92
170.0	2.92	2.99	2.92	2.99	2.99	2.92	3.07	3.07	3.07	3.07	3.07	2.99
175.0	3.07	3.07	2.99	3.07	2.99	2.99	3.14	3.07	3.07	3.07	3.07	3.07
180.0	3.14	3.07	3.07	3.07	3.07	3.07	3.14	3.07	3.07	3.07	3.07	3.07

Test System:HopooColor HPG1800
Temperature:25.3DEG
Operators:W
Test Date:2023年06月16日

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