

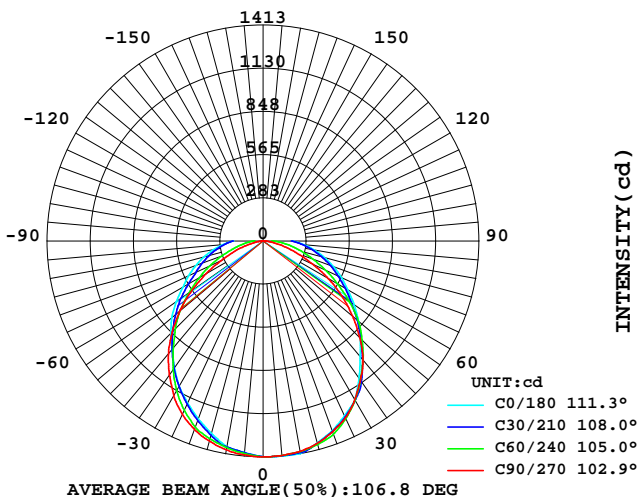
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

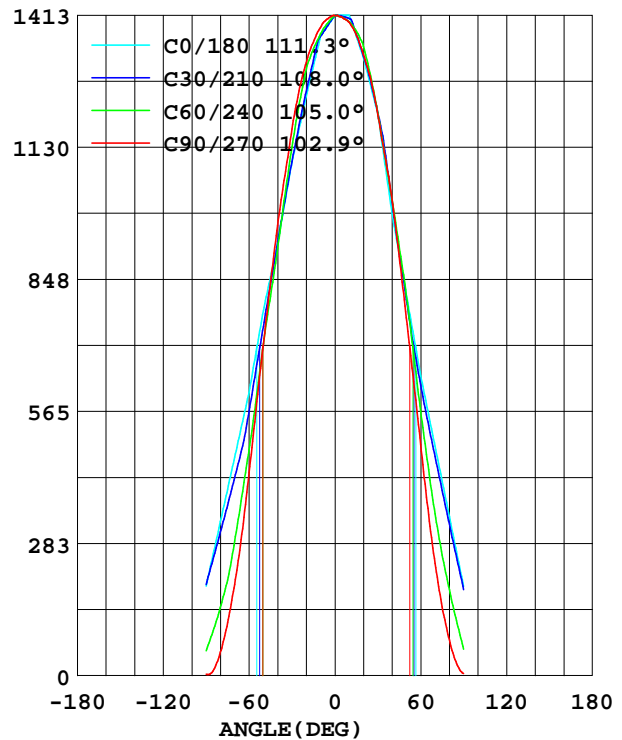
MANUFACTURER:	Address:		
NAME: 22998	TYPE:General light W Connector	LIGHT BOX	
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002	

DATA OF LAMP		Imax(cd)	1413	S/MH(C0/180)	1.17
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.23
NOMINAL POWER(W)	30	TOTAL FLUX(lm)	3957.7	Voltage(V)	220.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	131.3	Current(A)	0.143
NOMINAL FLUX(lm)	3957.7	η up(%)	0.0	Power(W)	30.15
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.953
TEST VOLTAGE(V)	220.7	Effective Flux(lm)	3916.4	EEI	0.105

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



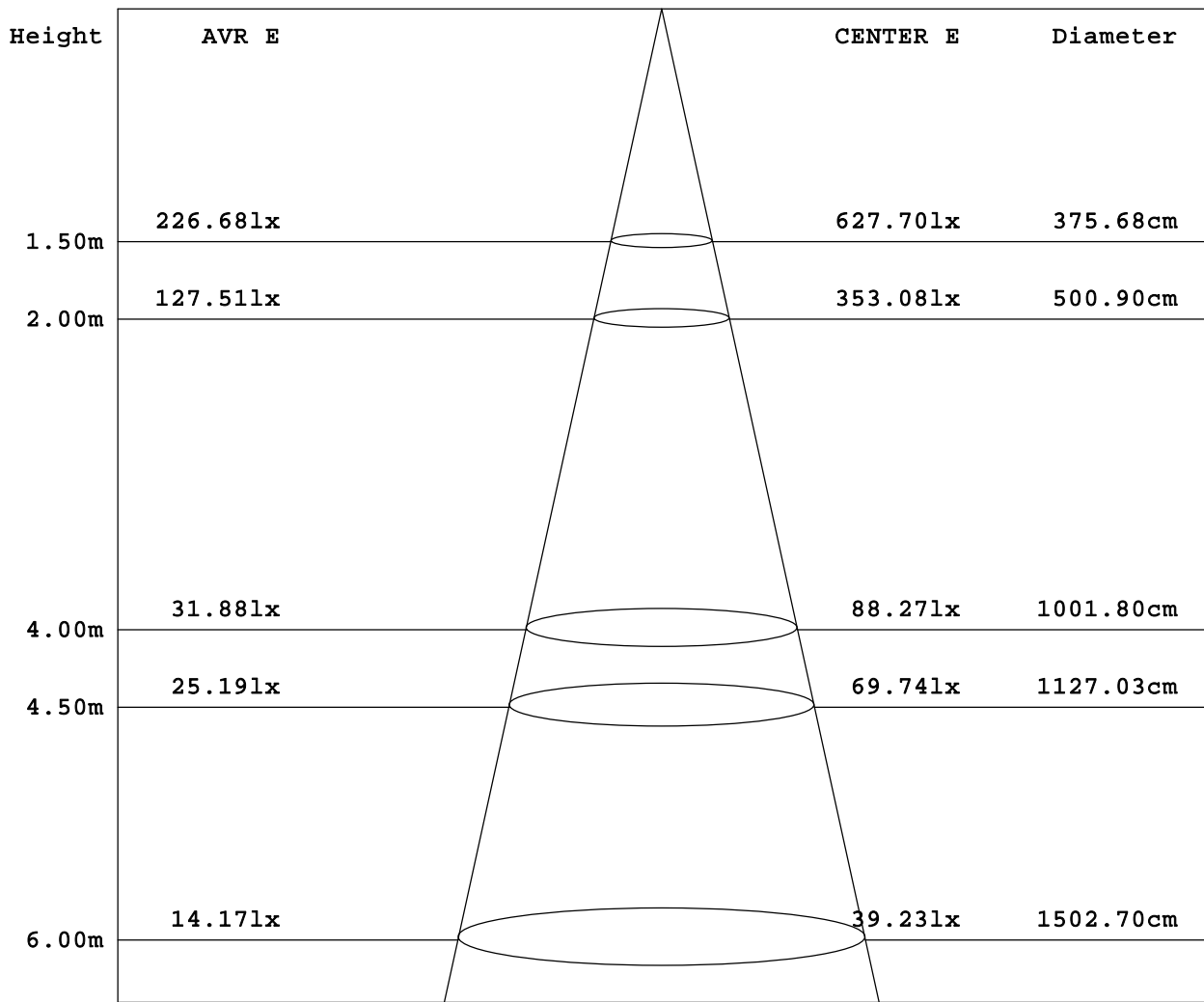
Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	WEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002



Angle:102.8deg

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector	HEIGHT Box
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1390	1393	1405	1409	1413	1409	1409	1394	0- 5	33.62	33.62
10.0	1368	1370	1387	1398	1413	1402	1397	1369	5- 10	99.75	133.3
15.0	1304	1334	1355	1373	1368	1383	1370	1332	10- 15	162.3	295.7
20.0	1240	1267	1312	1318	1322	1334	1329	1271	15- 20	218.2	514.0
25.0	1169	1192	1251	1256	1262	1276	1276	1204	20- 25	266.0	780.0
30.0	1099	1110	1170	1179	1202	1205	1200	1123	25- 30	303.5	1084
35.0	1012	1017	1069	1102	1095	1124	1112	1035	30- 35	328.6	1412
40.0	925.2	919.5	962.7	1019	987.7	1035	1018	940.4	35- 40	340.3	1753
45.0	853.0	816.7	842.3	903.3	901.2	923.4	896.3	844.3	40- 45	340.4	2093
50.0	780.9	724.5	709.8	792.1	814.7	818.2	765.6	752.5	45- 50	330.6	2424
55.0	693.3	627.4	570.1	674.4	727.9	695.3	629.3	647.5	50- 55	310.1	2734
60.0	605.6	531.5	434.8	562.8	641.2	576.0	494.4	543.8	55- 60	279.6	3013
65.0	536.6	434.2	302.4	469.1	566.0	489.7	358.0	455.6	60- 65	244.6	3258
70.0	467.6	352.3	195.1	384.2	490.9	405.6	240.3	378.3	65- 70	208.4	3467
75.0	398.5	289.7	113.3	312.7	415.8	328.9	147.1	311.7	70- 75	172.2	3639
80.0	329.5	232.0	50.07	245.4	340.7	256.7	76.43	248.1	75- 80	137.7	3777
85.0	260.5	177.3	10.43	182.3	265.5	189.3	26.36	188.4	80- 85	105.3	3882
90.0	191.5	124.8	2.793	122.1	190.4	125.0	4.753	131.7	85- 90	75.79	3958
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

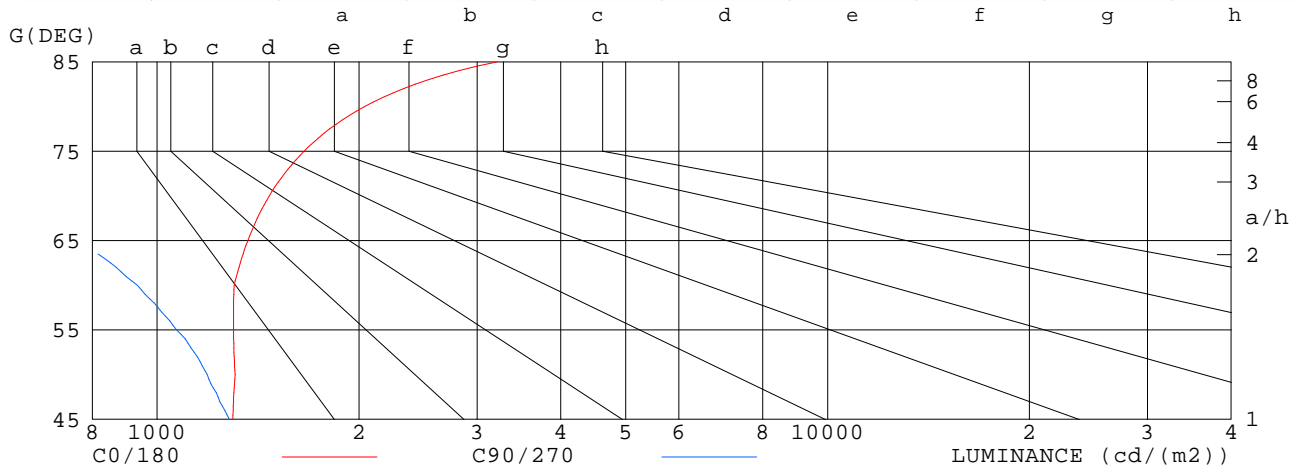
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	WEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
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	3215	129
80	2041	310
75	1656	471
70	1470	614
65	1365	769
60	1302	935
55	1300	1069
50	1306	1187
45	1297	1281

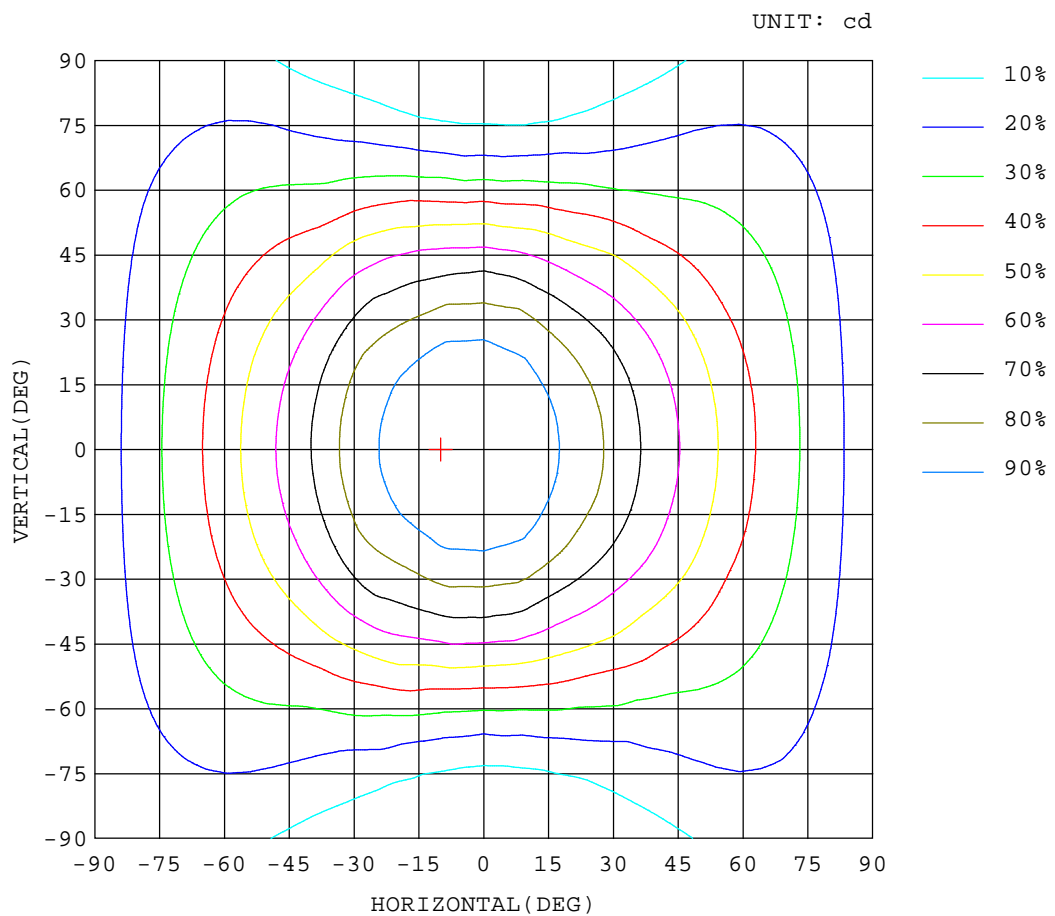
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	WEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002



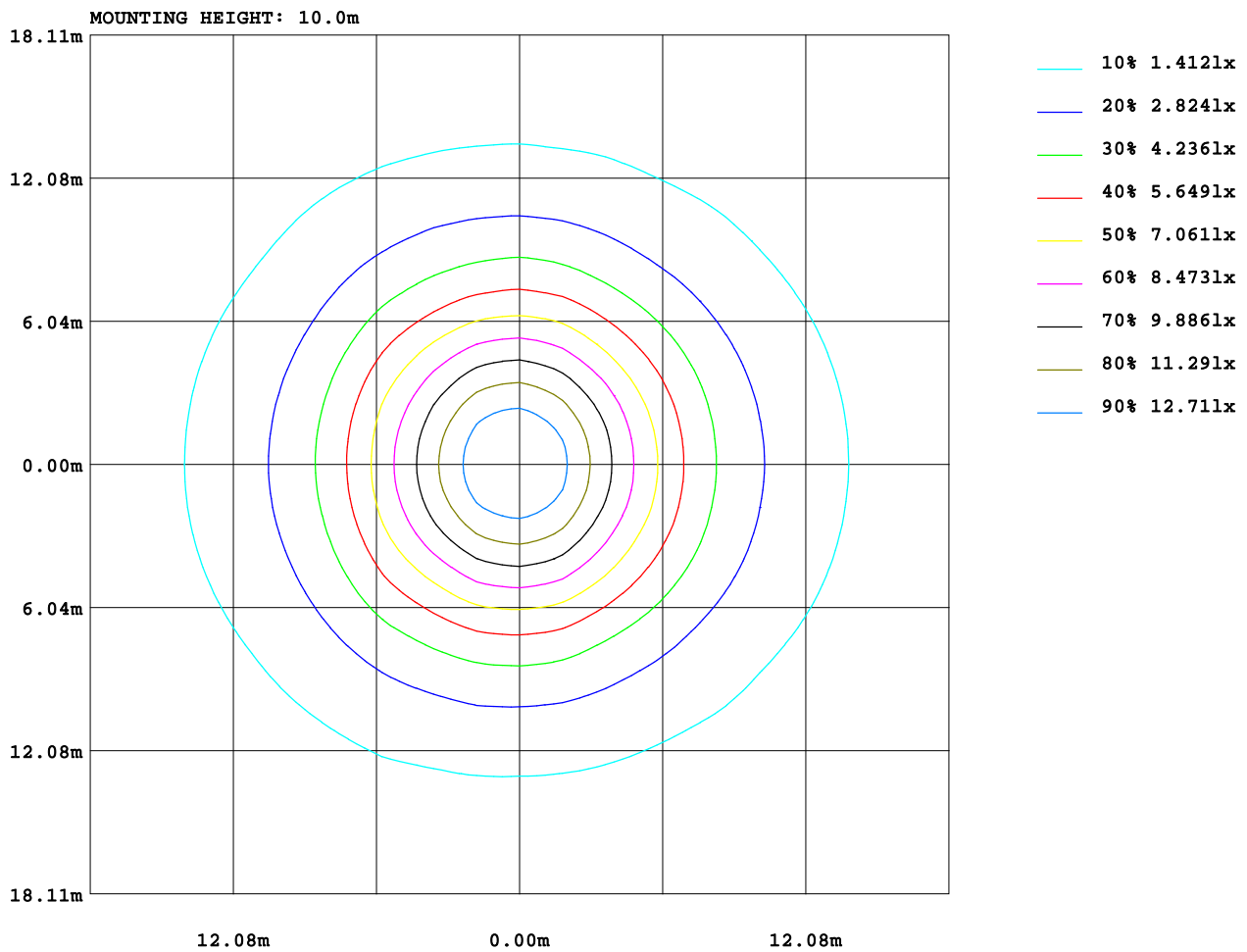
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	HEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	WEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.53	1.64	2.81	3.63	3.68	3.22	2.49	1.60	1.02	0.91	1.40	2.26	3.11	3.69	3.68	2.88	1.69	0.53	40.8	26.9		
90	0.53	1.64	2.81	3.63	3.68	3.22	2.49	1.60	1.02	0.91	1.40	2.26	3.11	3.69	3.68	2.88	1.69	0.53	40.8	26.9		
80	0.57	1.95	3.59	5.05	5.82	6.06	5.93	5.23	4.69	4.50	4.73	5.23	5.65	5.59	4.90	3.55	1.96	0.57	75.6	69.4		
70	0.62	2.25	4.35	6.51	8.17	9.41	10.7	11.1	10.9	10.7	10.4	9.66	8.70	7.65	6.16	4.21	2.22	0.61	125	125		
60	0.66	2.52	5.08	7.96	10.6	13.3	16.4	18.3	18.9	18.6	17.2	15.0	12.4	9.86	7.42	4.85	2.46	0.65	183	183		
50	0.69	2.77	5.76	9.31	13.0	17.5	22.2	25.3	26.9	26.5	23.8	20.2	16.3	12.2	8.63	5.46	2.68	0.68	241	241		
40	0.72	2.98	6.34	10.5	15.4	21.2	27.1	31.0	33.4	33.0	29.6	24.8	19.7	14.5	9.83	6.01	2.88	0.71	290	290		
30	0.74	3.15	6.81	11.5	17.3	24.1	31.0	35.8	38.4	37.8	34.0	28.5	22.4	16.4	10.9	6.45	3.03	0.73	330	330		
20	0.76	3.26	7.14	12.3	18.6	26.2	33.5	38.7	41.3	40.6	36.8	31.0	24.2	17.7	11.6	6.78	3.13	0.74	355	355		
10	0.77	3.32	7.31	12.6	19.3	27.2	34.6	39.9	42.6	41.9	38.1	32.1	25.1	18.2	12.1	6.93	3.18	0.75	366	366		
0	0.77	3.32	7.30	12.6	19.2	27.1	34.6	39.9	42.5	41.8	38.1	32.0	25.0	18.2	12.0	6.90	3.18	0.75	366	366		
-10	0.76	3.26	7.11	12.2	18.5	25.9	33.1	38.3	40.9	40.4	36.6	30.7	24.1	17.6	11.6	6.71	3.11	0.74	352	352		
-20	0.74	3.14	6.77	11.4	17.1	23.8	30.4	34.9	37.6	37.2	33.6	28.0	22.1	16.3	10.7	6.37	3.00	0.73	325	325		
-30	0.72	2.97	6.28	10.3	15.1	20.8	26.4	30.1	32.3	31.9	28.5	24.0	19.1	14.2	9.63	5.90	2.85	0.70	282	282		
-40	0.69	2.76	5.68	9.10	12.7	17.0	21.2	24.0	25.5	25.0	22.7	19.5	15.7	11.8	8.43	5.38	2.65	0.68	231	231		
-50	0.65	2.51	5.01	7.71	10.2	12.8	15.4	17.0	17.5	17.2	16.1	14.1	11.8	9.46	7.22	4.79	2.44	0.64	173	173		
-60	0.61	2.24	4.28	6.28	7.76	8.88	9.94	10.0	9.63	9.44	9.39	8.95	8.14	7.22	5.99	4.17	2.21	0.61	116	116		
-70	0.57	1.95	3.52	4.86	5.53	5.62	5.31	4.51	3.80	3.62	4.05	4.64	5.16	5.24	4.75	3.53	1.96	0.57	69.2	61.0		
-80	0.53	1.65	2.77	3.50	3.53	3.02	2.21	1.28	0.70	0.62	1.10	1.98	2.85	3.47	3.57	2.89	1.70	0.53	37.9	24.8		
-90	0.53	1.65	2.77	3.50	3.53	3.02	2.21	1.28	0.70	0.62	1.10	1.98	2.85	3.47	3.57	2.89	1.70	0.53	37.9	24.8		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90					
Φ t	12.1	47.7	97.9	158	222	294	363	408	429	422	387	333	272	210	149	93.8	46.4	11.9	3958			
Φ a	12.1	47.7	97.9	158	221	290	358	402	424	417	381	328	268	209	149	93.8	46.4	11.9		3916		

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

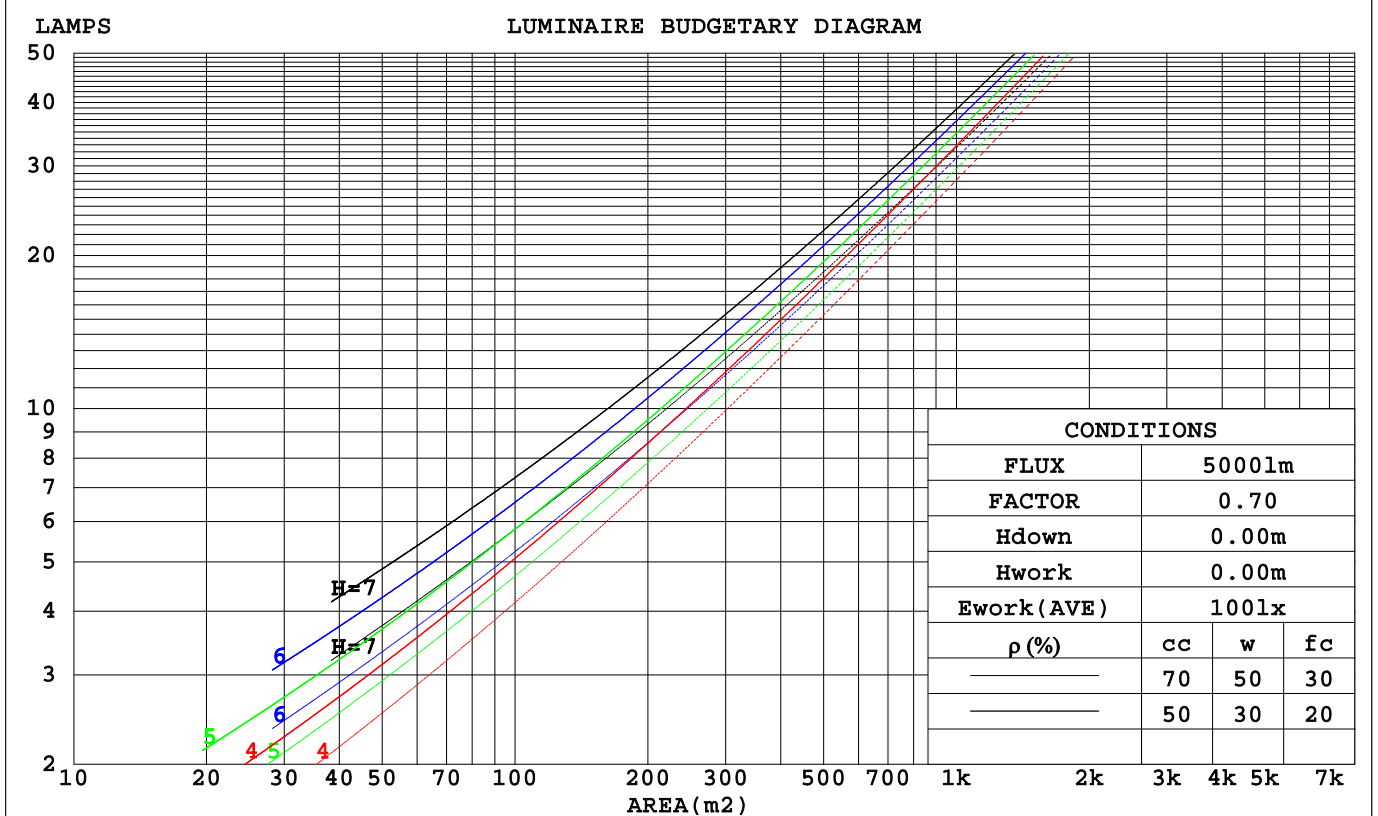
Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			Address:		
NAME: 22998			TYPE:General light W Connector Box		
SPECIFICATION:			DIMENSION: 1500mm		SERIAL No.:201703016002

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.02	.98	.93	1.00	.96	.92	.96	.92	.89	.92	.89	.86	.88	.86	.84	.81
2.0	.89	.82	.76	.87	.80	.75	.83	.78	.73	.80	.75	.71	.77	.73	.70	.68
3.0	.78	.70	.63	.77	.69	.62	.74	.67	.61	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.53	.68	.60	.53	.65	.58	.52	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.36	.48	.41	.35	.47	.40	.35	.46	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.28	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

WEC AND CCEC

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	WEIGHT
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.338	.192	.061	.331	.189	.060	.317	.182	.058	.305	.176	.056	.294	.170	.055	
2.0	.305	.167	.051	.299	.165	.051	.287	.160	.050	.276	.155	.049	.266	.151	.047	
3.0	.278	.148	.044	.272	.146	.044	.262	.142	.043	.252	.138	.042	.243	.135	.042	
4.0	.254	.132	.039	.249	.130	.039	.240	.127	.038	.231	.124	.037	.223	.121	.037	
5.0	.233	.119	.034	.229	.118	.034	.221	.115	.034	.213	.112	.033	.206	.110	.033	
6.0	.216	.108	.031	.212	.107	.031	.204	.105	.030	.198	.103	.030	.191	.101	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027	
8.0	.187	.091	.026	.183	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.084	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.022	.148	.075	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.182	.156	.132	.156	.134	.114	.107	.092	.079	.061	.053	.046	.020	.017	.015	
2.0	.174	.132	.096	.149	.113	.083	.102	.079	.058	.059	.046	.034	.019	.015	.011	
3.0	.166	.114	.073	.142	.099	.063	.098	.069	.045	.056	.040	.026	.018	.013	.009	
4.0	.158	.101	.058	.136	.087	.050	.093	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.011	.006	
6.0	.143	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.003	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003	

Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

Uncorrected UGR Table

Report number:

MANUFACTURER:					Address:					
NAME: 22998					TYPE:General light W Connector Box					
SPECIFICATION:					DIMENSION: 1500mm			SERIAL No.:201703016002		
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	13.6	15.1	13.8	15.3	15.5	12.4	14.0	12.7	14.2	14.4
3H	15.7	17.1	16.0	17.3	17.6	13.3	14.7	13.6	14.9	15.2
4H	16.8	18.2	17.1	18.4	18.7	13.5	14.9	13.8	15.1	15.4
6H	18.0	19.3	18.3	19.5	19.8	13.6	14.8	13.9	15.1	15.4
8H	18.6	19.8	18.9	20.1	20.4	13.5	14.8	13.9	15.1	15.4
12H	19.3	20.5	19.6	20.8	21.1	13.5	14.7	13.9	15.0	15.3
4H 2H	14.1	15.4	14.4	15.7	15.9	13.2	14.5	13.5	14.8	15.0
3H	16.5	17.7	16.8	17.9	18.3	14.3	15.5	14.6	15.8	16.1
4H	17.8	18.9	18.2	19.2	19.6	14.7	15.8	15.0	16.1	16.4
6H	19.2	20.2	19.6	20.5	20.9	14.8	15.8	15.2	16.2	16.5
8H	20.0	20.9	20.4	21.2	21.6	14.8	15.8	15.3	16.1	16.5
12H	20.8	21.6	21.2	22.0	22.4	14.8	15.7	15.3	16.1	16.5
8H 4H	18.1	19.0	18.5	19.4	19.7	15.4	16.4	15.8	16.7	17.1
6H	19.8	20.6	20.2	21.0	21.4	15.9	16.6	16.3	17.1	17.5
8H	20.8	21.5	21.2	21.9	22.3	16.0	16.7	16.5	17.1	17.6
12H	21.9	22.5	22.3	22.9	23.4	16.0	16.6	16.5	17.1	17.6
12H 4H	18.1	18.9	18.5	19.3	19.7	15.7	16.5	16.1	16.9	17.3
6H	19.9	20.6	20.3	21.0	21.5	16.3	17.0	16.8	17.5	17.9
8H	21.0	21.6	21.4	22.0	22.5	16.6	17.2	17.1	17.6	18.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 3958 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.8)

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:	Address:		
NAME: 22998	TYPE:General light W Connector	WEIGHT Box	
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002	

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	57	46	39	57	46	39	56	45	39	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	75	64	57	74	64	56	72	65	56	49
1.25	82	72	64	81	71	64	78	69	63	56
1.50	87	77	70	85	76	69	82	74	68	61
2.00	94	85	78	92	84	77	88	81	76	68
2.50	98	90	83	96	88	82	92	85	80	72
3.00	101	94	88	99	92	87	95	89	85	76
4.00	105	99	94	103	97	93	98	94	90	81
5.00	108	102	98	105	100	96	100	97	93	84
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

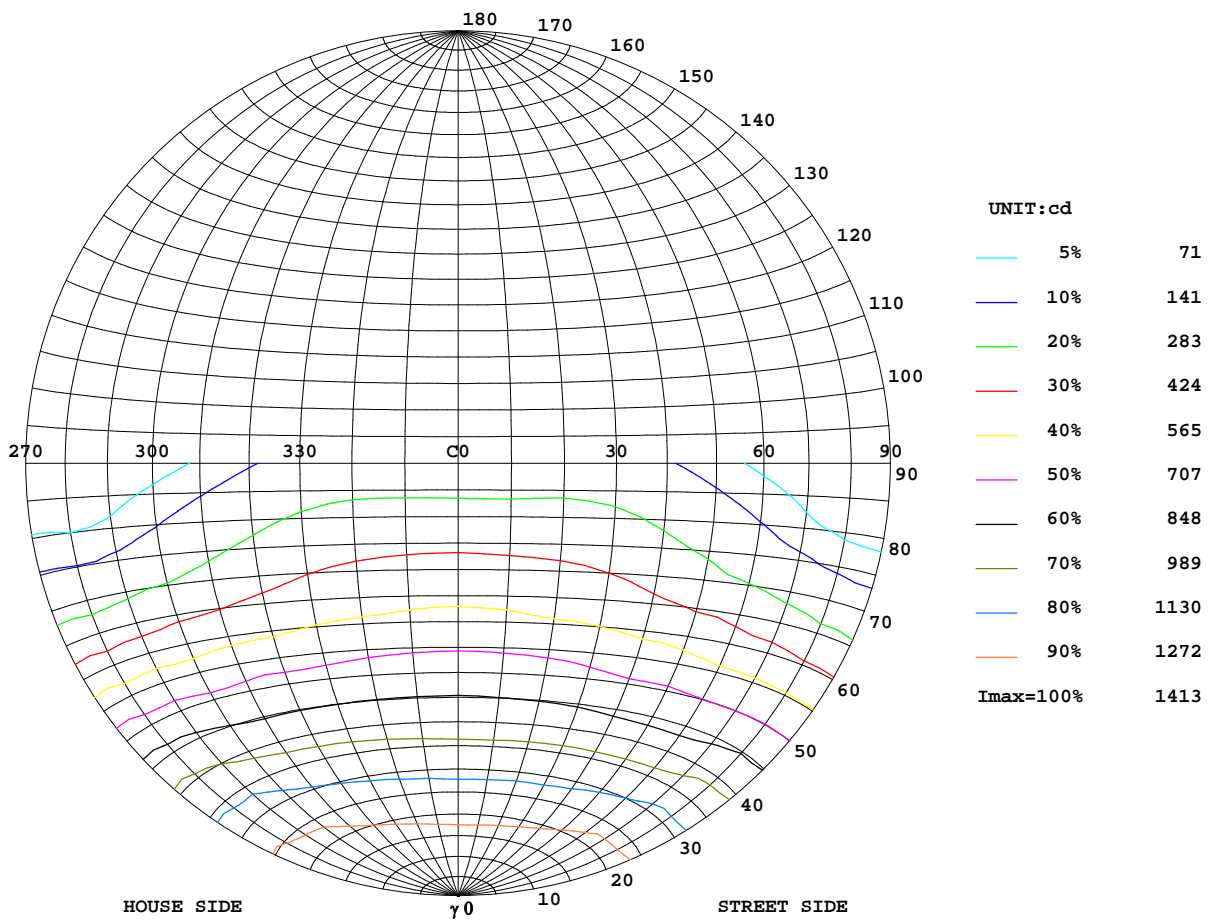
Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector	Light Box
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

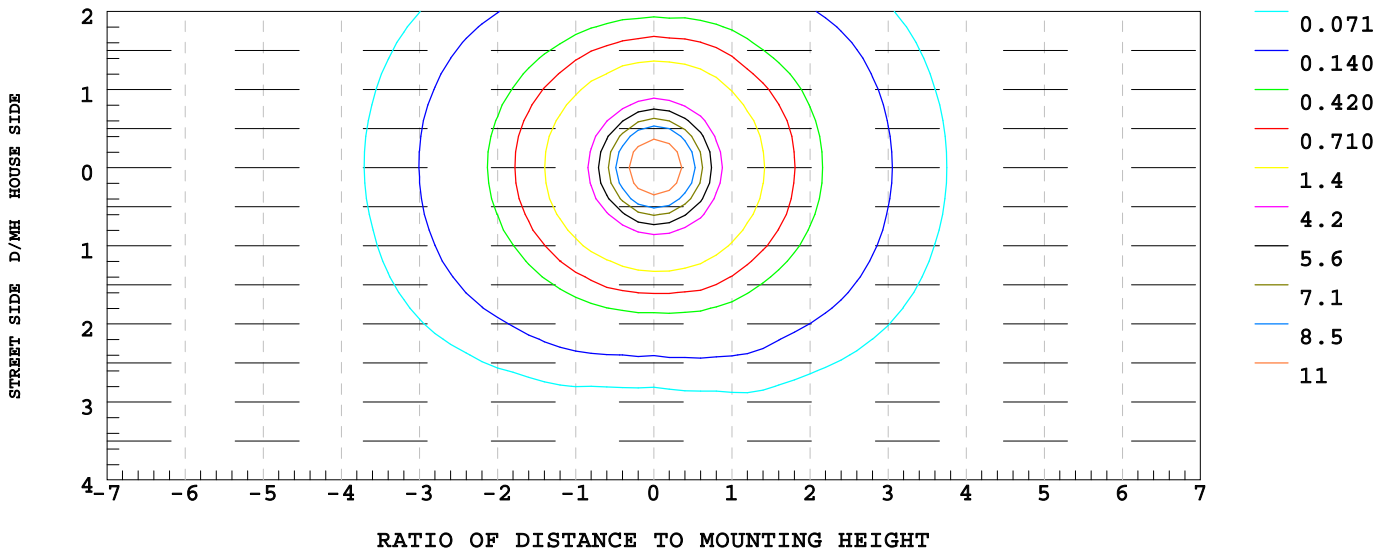
Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	HEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002

ILLUMINANCE AT MH=10 m, Enadir = 14.12 lx



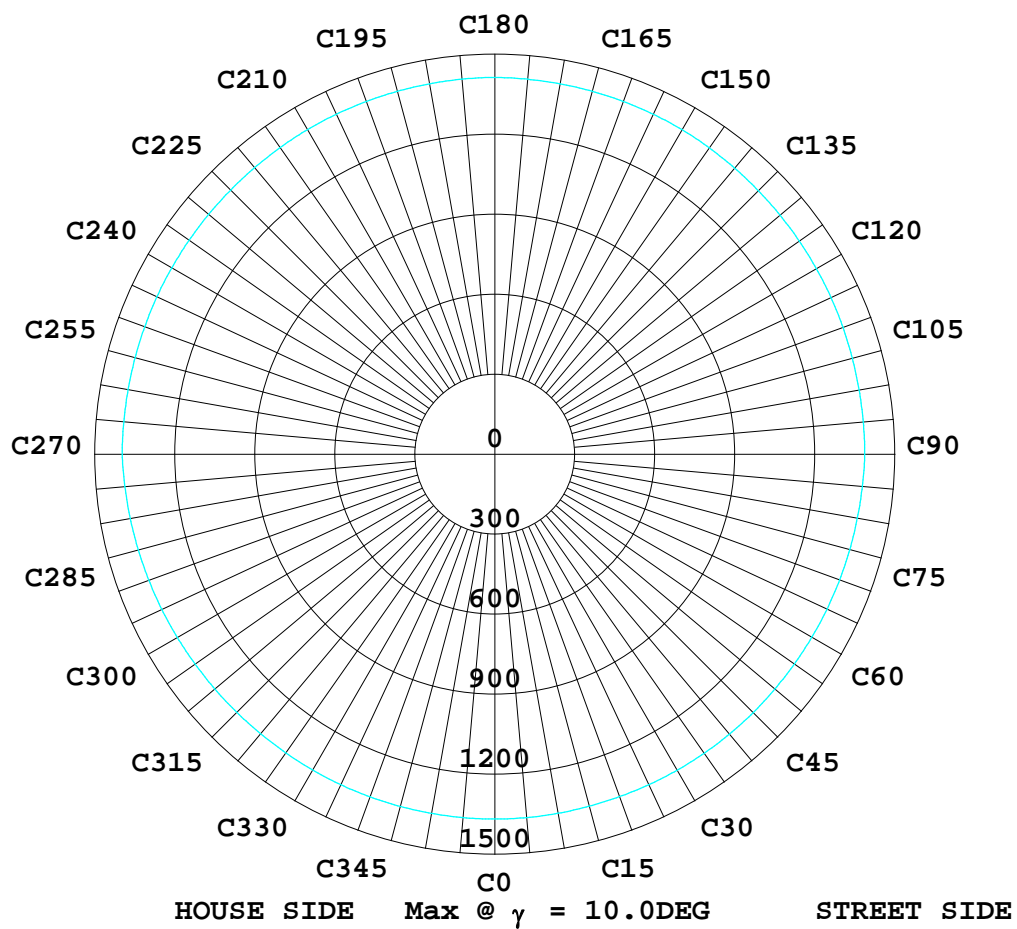
Test System:HOPPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	WEIGHT:
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	WEIGHT
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002

UNIT: cd

γ (DEG)	C(DEG)														
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
0.0	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412
5.0	1390	1390	1390	1390	1390	1391	1391	1391	1392	1393	1394	1395	1396	1397	1399
10.0	1368	1368	1367	1366	1366	1367	1368	1369	1369	1370	1370	1371	1373	1374	1376
15.0	1304	1304	1305	1307	1309	1313	1317	1321	1327	1334	1340	1340	1341	1341	1342
20.0	1240	1240	1242	1243	1245	1247	1250	1254	1260	1267	1275	1286	1297	1299	1298
25.0	1169	1170	1171	1173	1174	1176	1177	1181	1187	1192	1199	1210	1221	1235	1242
30.0	1099	1099	1101	1101	1102	1101	1100	1101	1104	1110	1117	1123	1131	1142	1156
35.0	1012	1012	1013	1015	1016	1016	1016	1016	1016	1017	1019	1021	1027	1033	1047
40.0	925	924	923	924	926	927	926	924	920	920	915	914	913	917	930
45.0	853	852	849	846	845	842	837	829	821	817	816	814	811	814	822
50.0	781	780	775	771	766	758	747	735	725	725	722	715	710	705	705
55.0	693	691	688	683	676	668	657	643	629	627	622	604	592	587	585
60.0	606	602	598	591	582	576	566	552	539	532	512	496	483	473	465
65.0	537	533	529	519	510	501	485	468	453	434	414	407	383	362	351
70.0	468	464	461	454	448	438	424	406	382	352	330	307	288	268	248
75.0	399	396	393	390	386	378	365	346	319	290	266	235	204	184	164
80.0	330	328	326	326	326	318	307	287	260	232	204	176	146	119	91.4
85.0	261	259	259	263	265	260	251	230	203	177	150	123	96.5	74.1	52.7
90.0	192	191	192	200	205	202	195	175	149	125	99.6	74.2	53.0	36.9	24.0

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	WEIGHT
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002

UNIT: cd

γ (DEG)	C(DEG)														
	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0.0	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412
5.0	1400	1402	1404	1405	1405	1406	1406	1406	1406	1407	1407	1408	1409	1409	1410
10.0	1378	1381	1383	1387	1387	1387	1388	1389	1391	1393	1394	1396	1398	1400	1403
15.0	1344	1347	1351	1355	1355	1355	1356	1358	1361	1365	1369	1374	1373	1372	1370
20.0	1299	1302	1306	1312	1311	1311	1313	1317	1324	1328	1324	1320	1318	1318	1318
25.0	1241	1241	1244	1251	1250	1252	1257	1264	1263	1256	1253	1253	1256	1260	1260
30.0	1162	1160	1163	1170	1169	1173	1181	1182	1176	1172	1172	1174	1179	1183	1187
35.0	1065	1062	1063	1069	1070	1076	1087	1081	1078	1080	1084	1093	1102	1110	1115
40.0	948	957	955	963	965	976	978	976	980	985	994	1009	1019	1013	1007
45.0	828	841	836	842	846	861	856	863	872	883	900	902	903	900	897
50.0	707	708	707	710	720	732	733	744	762	779	780	785	792	791	791
55.0	580	576	573	570	579	590	600	624	648	651	658	667	674	678	682
60.0	452	440	439	435	442	453	474	505	515	527	545	556	563	578	594
65.0	335	316	315	302	318	329	356	377	399	424	443	454	469	488	508
70.0	225	209	203	195	208	222	243	270	305	324	338	356	384	411	435
75.0	140	123	114	113	119	136	152	186	208	232	258	284	313	340	364
80.0	73.5	60.2	53.7	50.0	58.8	69.3	86.2	107	139	166	192	217	245	272	296
85.0	34.7	20.5	15.1	10.4	18.1	24.8	40.8	60.3	83.5	107	131	156	182	207	230
90.0	14.4	8.03	4.06	2.79	4.21	8.42	15.1	24.8	38.0	54.2	74.2	97.5	122	145	166

Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	WEIGHT
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002

UNIT: cd

C(DEG)\ γ (DEG)	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220
0.0	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412
5.0	1410	1411	1411	1412	1412	1412	1413	1412	1412	1412	1412	1411	1411	1410	1410
10.0	1405	1407	1408	1410	1411	1412	1413	1412	1411	1410	1408	1407	1406	1404	1403
15.0	1368	1368	1368	1367	1367	1367	1368	1367	1368	1368	1368	1369	1370	1373	1376
20.0	1319	1319	1320	1322	1322	1322	1322	1323	1324	1323	1323	1325	1326	1328	1331
25.0	1260	1260	1260	1261	1262	1263	1262	1263	1264	1265	1266	1268	1271	1275	1276
30.0	1190	1192	1195	1197	1201	1204	1202	1203	1204	1204	1203	1204	1205	1203	1204
35.0	1109	1103	1098	1096	1095	1096	1095	1097	1100	1103	1109	1117	1123	1130	1127
40.0	999	993	989	986	985	986	988	990	992	995	1001	1007	1013	1020	1027
45.0	893	891	892	894	897	900	901	902	901	902	902	903	905	910	916
50.0	793	796	801	807	811	814	815	814	812	812	809	806	805	804	807
55.0	695	704	713	719	724	727	728	727	726	725	720	714	706	695	691
60.0	608	619	627	633	637	639	641	641	641	640	636	630	622	608	591
65.0	526	541	550	556	562	564	566	566	565	562	558	551	543	530	510
70.0	453	468	477	483	487	489	491	491	490	487	484	477	469	454	432
75.0	383	396	404	409	412	415	416	416	415	412	410	405	396	380	358
80.0	314	326	333	336	338	340	341	340	340	338	336	332	324	309	287
85.0	247	256	262	263	264	265	266	265	265	263	263	261	254	239	218
90.0	181	188	191	191	190	190	190	190	190	189	190	190	184	172	152

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	WEIGHT
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002

UNIT: cd

C(DEG)\ γ (DEG)	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412
5.0	1409	1409	1409	1409	1409	1408	1408	1408	1408	1409	1407	1405	1403	1401	1399
10.0	1402	1401	1400	1399	1398	1398	1397	1397	1397	1397	1393	1388	1384	1381	1378
15.0	1383	1385	1381	1379	1376	1374	1372	1370	1370	1370	1363	1357	1352	1348	1344
20.0	1334	1336	1340	1346	1342	1337	1333	1330	1329	1329	1321	1314	1309	1305	1302
25.0	1276	1277	1279	1282	1287	1287	1281	1277	1275	1275	1266	1259	1254	1252	1243
30.0	1205	1206	1205	1204	1206	1212	1209	1202	1199	1200	1192	1188	1187	1179	1160
35.0	1124	1120	1116	1112	1110	1113	1120	1112	1108	1112	1102	1098	1099	1080	1066
40.0	1035	1032	1022	1017	1017	1012	1011	1011	1010	1018	1004	998	986	970	958
45.0	923	927	928	917	913	911	905	901	893	896	884	883	871	860	850
50.0	818	818	815	814	804	794	779	773	765	766	753	752	749	745	736
55.0	695	701	700	689	677	663	653	638	628	629	617	620	630	620	618
60.0	576	573	573	565	555	543	521	505	486	494	481	490	494	496	506
65.0	490	470	465	452	434	416	391	381	353	358	350	364	369	385	397
70.0	406	376	361	346	326	303	277	257	240	240	235	243	259	278	289
75.0	329	301	279	258	234	205	181	169	150	147	144	145	164	181	204
80.0	257	231	208	184	158	128	103	87.9	76.8	76.4	70.2	77.2	88.8	114	137
85.0	189	164	141	117	94.6	72.5	52.9	37.2	27.8	26.3	23.0	30.7	45.4	64.4	84.8
90.0	125	100	77.0	56.4	39.6	26.1	16.1	8.77	4.11	4.75	3.67	8.33	15.5	25.8	39.7

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 22998	TYPE:General light W Connector Box	WEIGHT
SPECIFICATION:	DIMENSION: 1500mm	SERIAL No.:201703016002

UNIT: cd

C(DEG)\ γ (DEG)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412
5.0	1398	1396	1395	1394	1393	1392	1392	1391	1391	1391	1390	1390
10.0	1375	1372	1370	1369	1368	1367	1367	1367	1367	1367	1367	1368
15.0	1341	1339	1337	1332	1326	1321	1316	1312	1309	1307	1305	1304
20.0	1298	1288	1278	1271	1265	1260	1255	1251	1248	1244	1241	1241
25.0	1230	1219	1211	1204	1199	1193	1188	1182	1178	1175	1171	1170
30.0	1148	1138	1131	1123	1118	1113	1110	1107	1104	1103	1100	1099
35.0	1054	1047	1039	1035	1031	1031	1027	1025	1021	1017	1014	1012
40.0	950	944	942	940	940	938	938	935	933	930	927	925
45.0	842	839	842	844	845	846	849	850	851	852	852	853
50.0	735	742	746	753	751	755	760	766	770	775	777	780
55.0	628	642	647	648	653	662	670	678	684	689	691	694
60.0	519	528	535	544	558	570	580	588	595	600	605	607
65.0	407	420	438	456	471	486	499	511	521	529	535	538
70.0	311	332	353	378	401	421	436	447	455	462	466	468
75.0	230	258	285	312	336	358	373	384	391	395	398	399
80.0	165	193	221	248	276	297	312	322	327	329	330	330
85.0	108	134	161	188	216	238	253	261	263	263	262	261
90.0	57.4	79.8	105	132	158	180	194	201	200	197	194	192

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017年03月01日

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 5630 4000K LED