

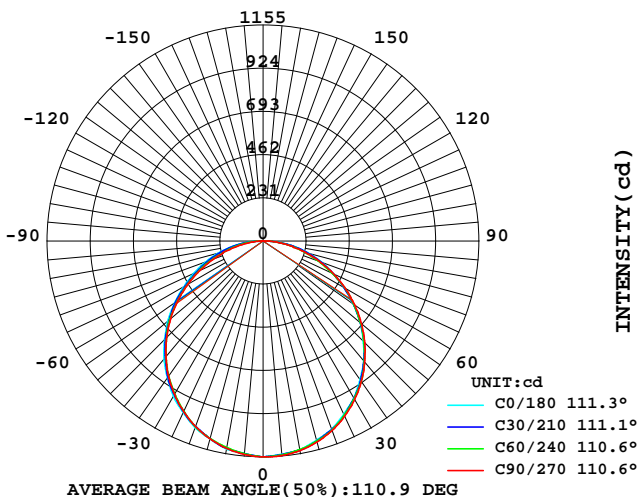
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

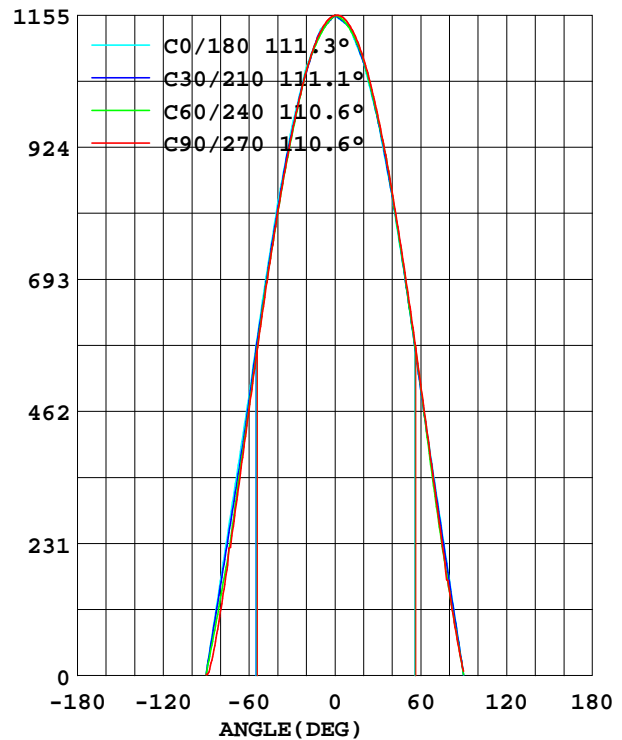
MANUFACTURER:	Address:		
NAME: 6060S 25W	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001	

DATA OF LAMP		I _{max} (cd)	1155	S/MH(C0/180)	1.24
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.23
NOMINAL POWER(W)	26	TOTAL FLUX(lm)	3265.0	Voltage(V)	221.0
RATED VOLTAGE(V)	222	EFFICIENCY(lm/W)	130.2	Current(A)	0.123
NOMINAL FLUX(lm)	3265.0	η up(%)	0.0	Power(W)	25.08
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.921
TEST VOLTAGE(V)	221.0	Effective Flux(lm)	3215.8	EEI	0.106

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



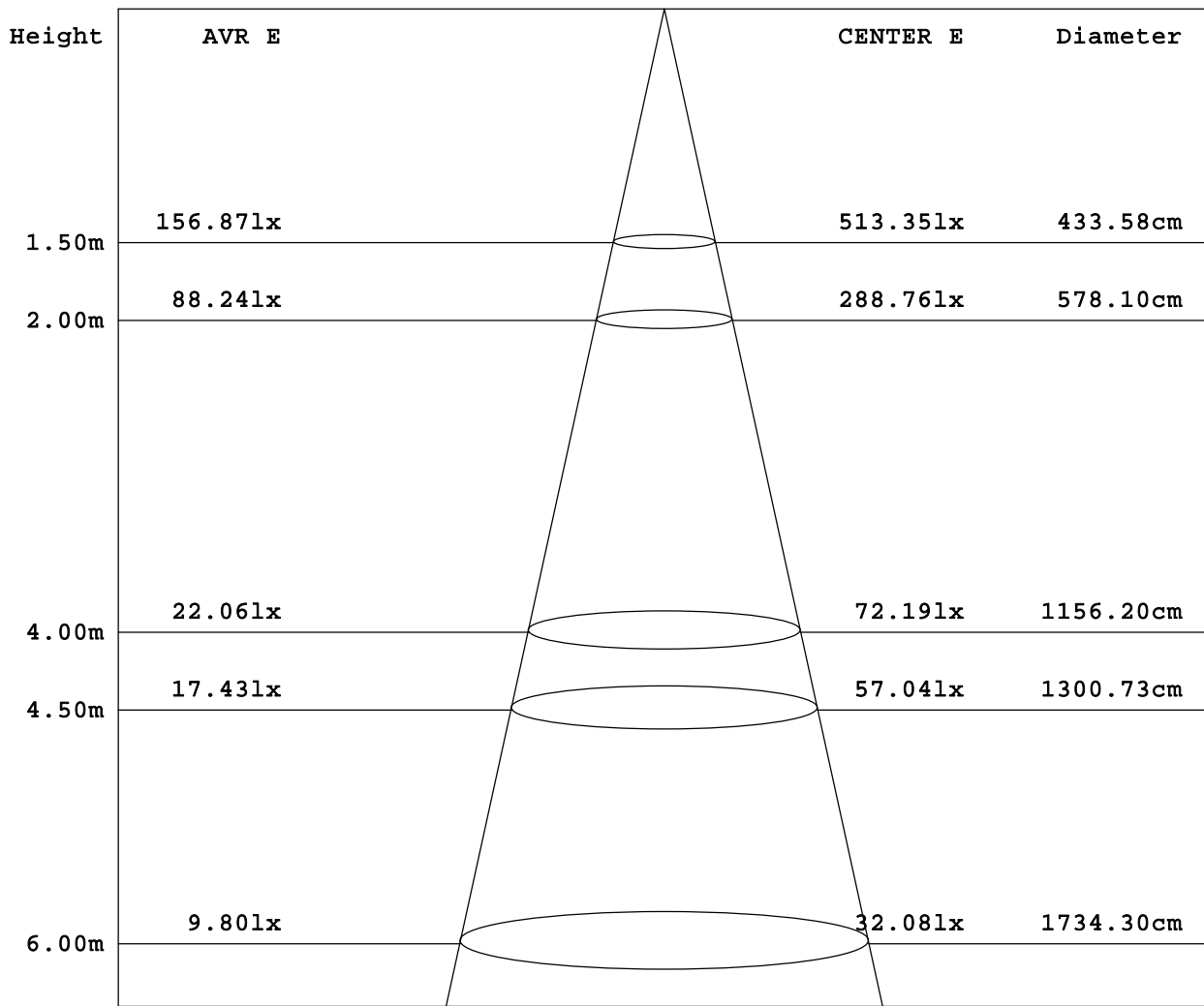
Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: 6060S 25W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001



Angle:110.6deg

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		Address:	
NAME: 6060S 25W		TYPE:	WEIGHT:
SPECIFICATION:		DIMENSION: 6060	SERIAL No.:20171009001

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1143	1142	1147	1143	1145	1147	1153	1146	0- 5	27.47	27.47
10.0	1131	1123	1127	1126	1136	1134	1139	1130	5- 10	81.36	108.8
15.0	1097	1097	1097	1102	1104	1111	1114	1106	10- 15	132.4	241.2
20.0	1064	1053	1057	1060	1073	1073	1079	1067	15- 20	178.5	419.7
25.0	1012	1006	1007	1013	1023	1031	1034	1023	20- 25	218.4	638.2
30.0	960.7	947.8	948.1	956.4	972.3	975.9	980.1	967.0	25- 30	250.5	888.7
35.0	893.0	883.1	882.8	892.6	905.4	910.5	917.2	900.8	30- 35	273.9	1163
40.0	825.3	815.1	808.8	825.3	838.5	840.9	846.1	830.5	35- 40	287.7	1450
45.0	745.6	733.5	729.4	744.1	758.7	762.7	769.8	752.1	40- 45	291.8	1742
50.0	665.9	651.8	645.7	662.5	678.8	684.5	687.0	673.7	45- 50	286.1	2028
55.0	577.9	565.0	556.3	575.5	589.6	592.3	600.8	582.0	50- 55	271.0	2299
60.0	489.9	478.8	464.9	488.7	500.3	500.4	509.4	490.5	55- 60	247.0	2546
65.0	408.8	385.2	373.0	393.5	417.1	407.8	416.3	399.0	60- 65	216.0	2763
70.0	327.6	298.9	279.6	305.5	333.8	320.0	323.9	312.7	65- 70	180.2	2943
75.0	246.5	221.1	193.5	225.6	250.6	237.5	231.4	232.3	70- 75	141.3	3084
80.0	165.3	146.6	111.4	149.1	167.4	157.0	148.3	153.8	75- 80	100.8	3185
85.0	84.23	73.89	37.87	74.47	84.20	78.65	70.80	77.26	80- 85	60.01	3245
90.0	3.087	2.254	2.205	0.833	0.980	1.078	7.644	1.617	85- 90	20.09	3265
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:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

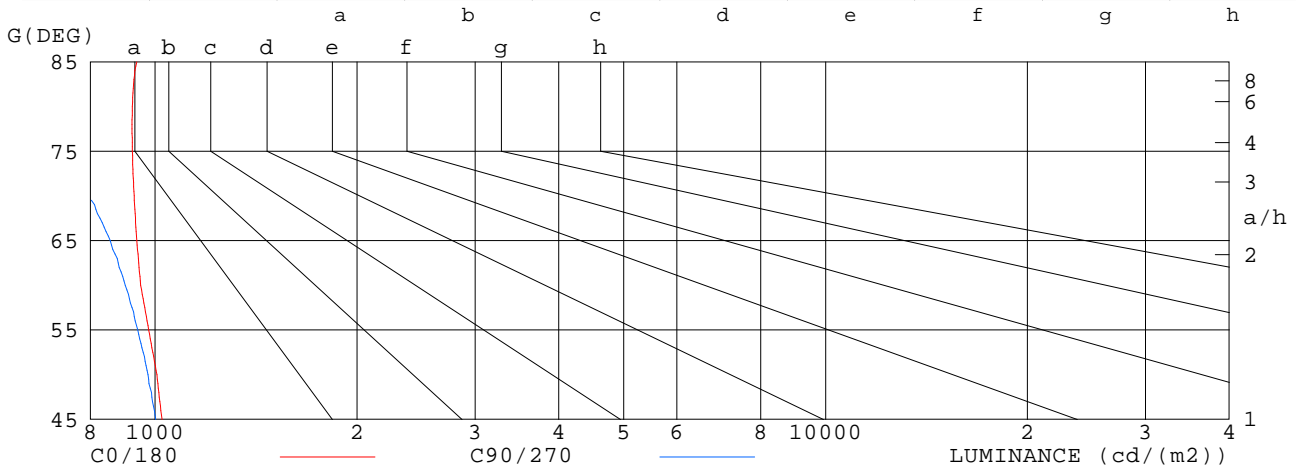
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:		
NAME: 6060S 25W	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001	

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
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	938	422
80	925	623
75	925	726
70	930	794
65	939	857
60	951	903
55	978	942
50	1006	975
45	1024	1002

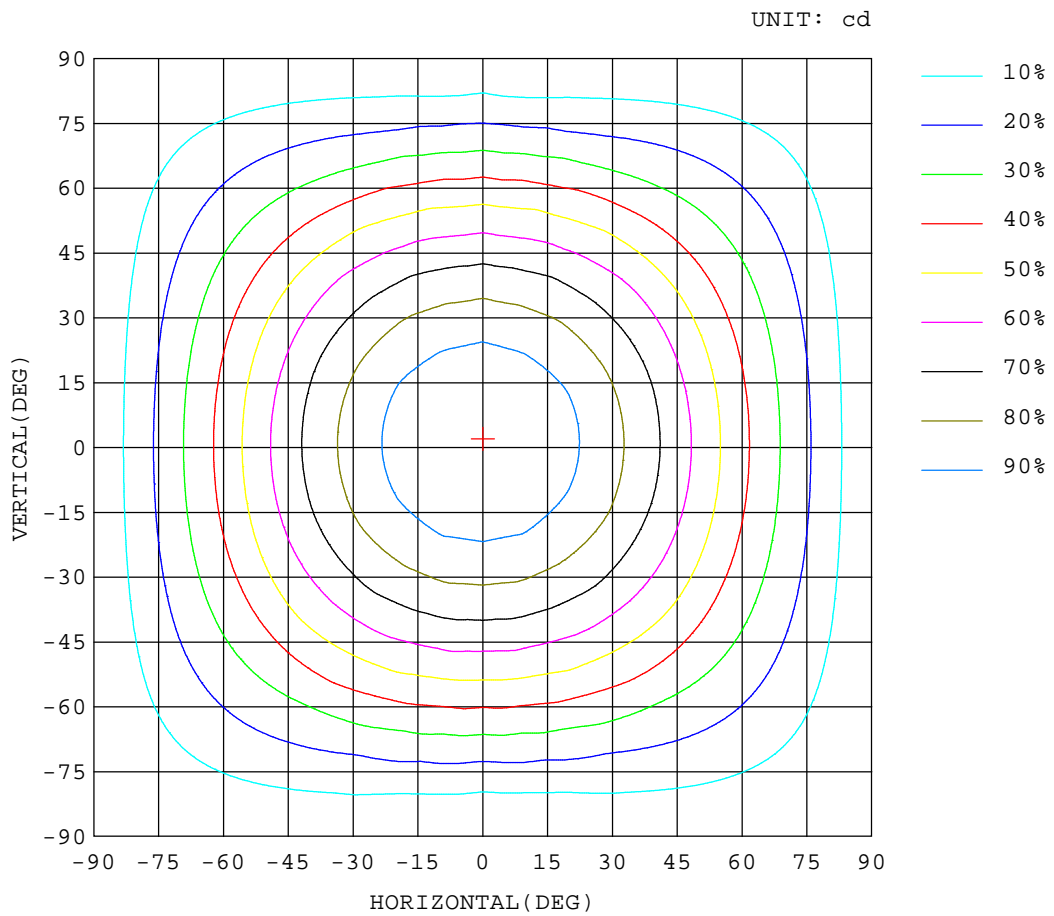
Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 6060S 25W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001



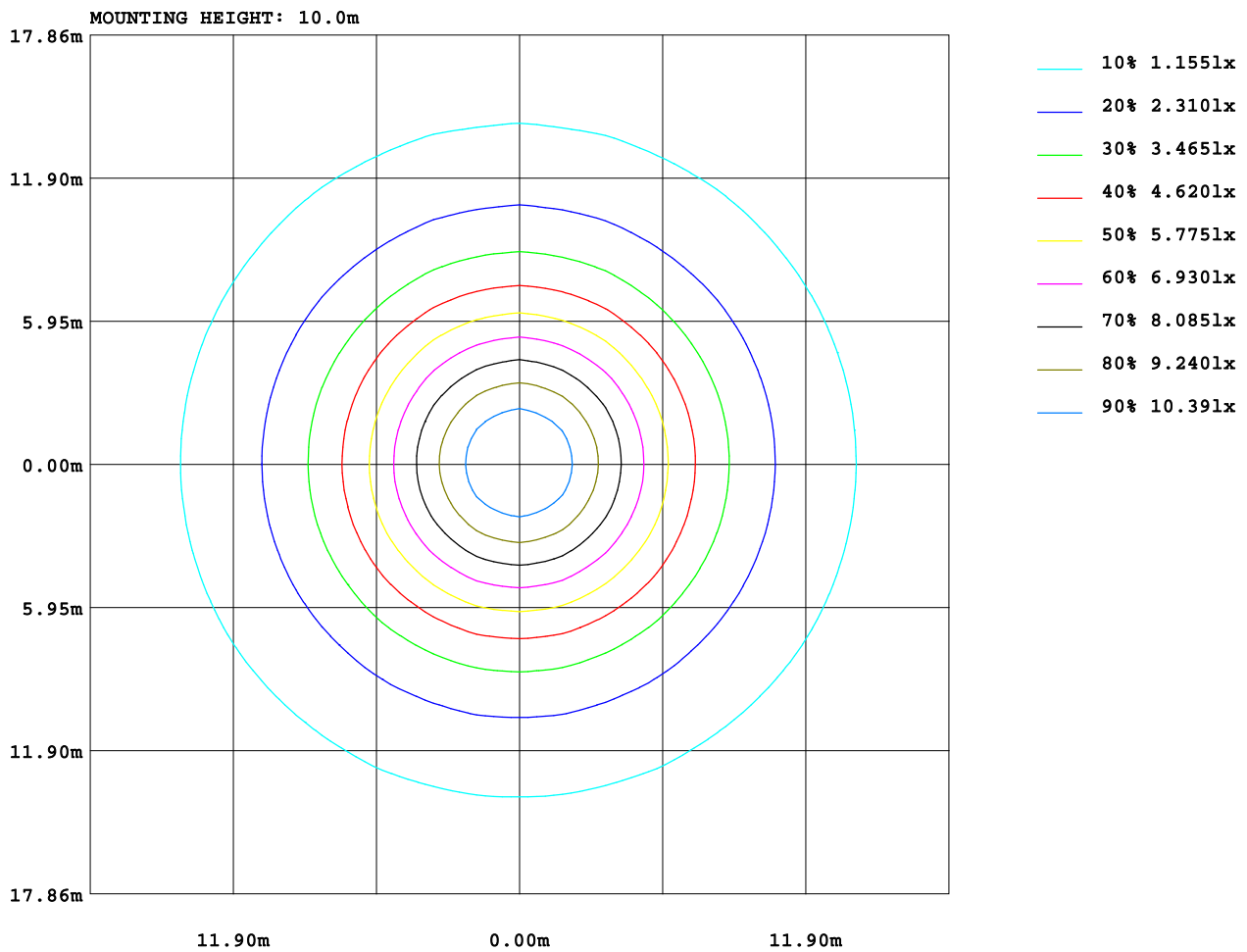
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 6060S 25W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:	Address:					
NAME: 6060S 25W	TYPE:			WEIGHT:		
SPECIFICATION:	DIMENSION: 6060			SERIAL No.:20171009001		

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a	
	0.03	0.18	0.46	0.82	1.20	1.53	1.78	1.91	2.03	1.91	1.82	1.73	1.50	1.18	0.82	0.47	0.19	0.03	19.6	2.75	
90	0.08	0.53	1.34	2.42	3.58	4.66	5.55	6.36	6.90	6.81	6.20	5.40	4.54	3.50	2.38	1.33	0.53	0.08	62.2	58.2	
80	0.13	0.85	2.20	4.00	5.99	8.00	9.97	11.5	12.4	12.3	11.3	9.76	7.82	5.86	3.92	2.17	0.85	0.13	109	108	
70	0.17	1.16	3.01	5.52	8.42	11.5	14.5	16.7	17.9	17.8	16.5	14.2	11.3	8.24	5.41	2.96	1.14	0.17	157	156	
60	0.21	1.43	3.75	6.93	10.7	14.9	18.6	21.5	23.0	22.9	21.3	18.4	14.6	10.5	6.78	3.68	1.41	0.21	201	201	
50	0.24	1.66	4.38	8.18	12.8	17.8	22.2	25.6	27.4	27.3	25.4	22.0	17.5	12.6	8.01	4.30	1.64	0.24	240	240	
40	0.27	1.84	4.88	9.20	14.5	20.1	25.1	28.9	30.9	30.9	28.7	24.8	19.8	14.2	9.02	4.78	1.81	0.27	271	270	
30	0.29	1.97	5.22	9.92	15.7	21.7	27.1	31.2	33.3	33.3	31.0	26.8	21.4	15.4	9.73	5.12	1.94	0.28	292	292	
20	0.29	2.03	5.40	10.2	16.2	22.4	28.0	32.3	34.5	34.4	32.1	27.8	22.1	16.0	10.0	5.29	2.00	0.29	302	302	
10	0.29	2.03	5.39	10.2	16.2	22.4	27.9	32.1	34.4	34.3	31.9	27.6	22.1	15.9	10.0	5.28	1.99	0.29	301	301	
0	0.29	1.96	5.19	9.86	15.5	21.4	26.8	30.8	32.9	32.8	30.6	26.5	21.1	15.3	9.67	5.09	1.93	0.28	289	288	
-10	0.27	1.83	4.83	9.10	14.3	19.7	24.6	28.3	30.2	30.2	28.1	24.4	19.5	14.1	8.92	4.74	1.80	0.27	266	265	
-20	0.24	1.65	4.32	8.04	12.6	17.4	21.7	24.8	26.5	26.5	24.6	21.4	17.1	12.4	7.88	4.24	1.62	0.24	234	233	
-30	0.21	1.41	3.68	6.77	10.5	14.5	18.0	20.6	22.0	21.9	20.4	17.7	14.2	10.3	6.63	3.62	1.40	0.21	194	194	
-40	0.17	1.14	2.95	5.36	8.13	11.1	13.8	15.8	16.8	16.7	15.6	13.6	10.9	7.96	5.26	2.90	1.13	0.17	150	149	
-50	0.13	0.84	2.15	3.87	5.73	7.61	9.44	10.7	11.3	11.2	10.5	9.23	7.44	5.61	3.80	2.12	0.84	0.13	103	102	
-60	0.08	0.52	1.31	2.33	3.40	4.35	5.15	5.77	5.98	5.91	5.62	5.02	4.26	3.34	2.30	1.30	0.52	0.08	57.3	52.7	
-70	0.03	0.18	0.45	0.79	1.13	1.43	1.61	1.62	1.52	1.41	1.54	1.57	1.41	1.13	0.80	0.46	0.19	0.03	17.3	0.00	
-80																					
-90																					
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90	
Φ t	3.40	23.2	61.0	114	177	243	302	347	371	369	344	299	239	174	112	59.9	22.9	3.41	3265		
Φ a	1.28	20.6	58.4	111	175	240	299	344	368	366	341	296	236	171	109	57.3	20.2	1.25		3216	

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

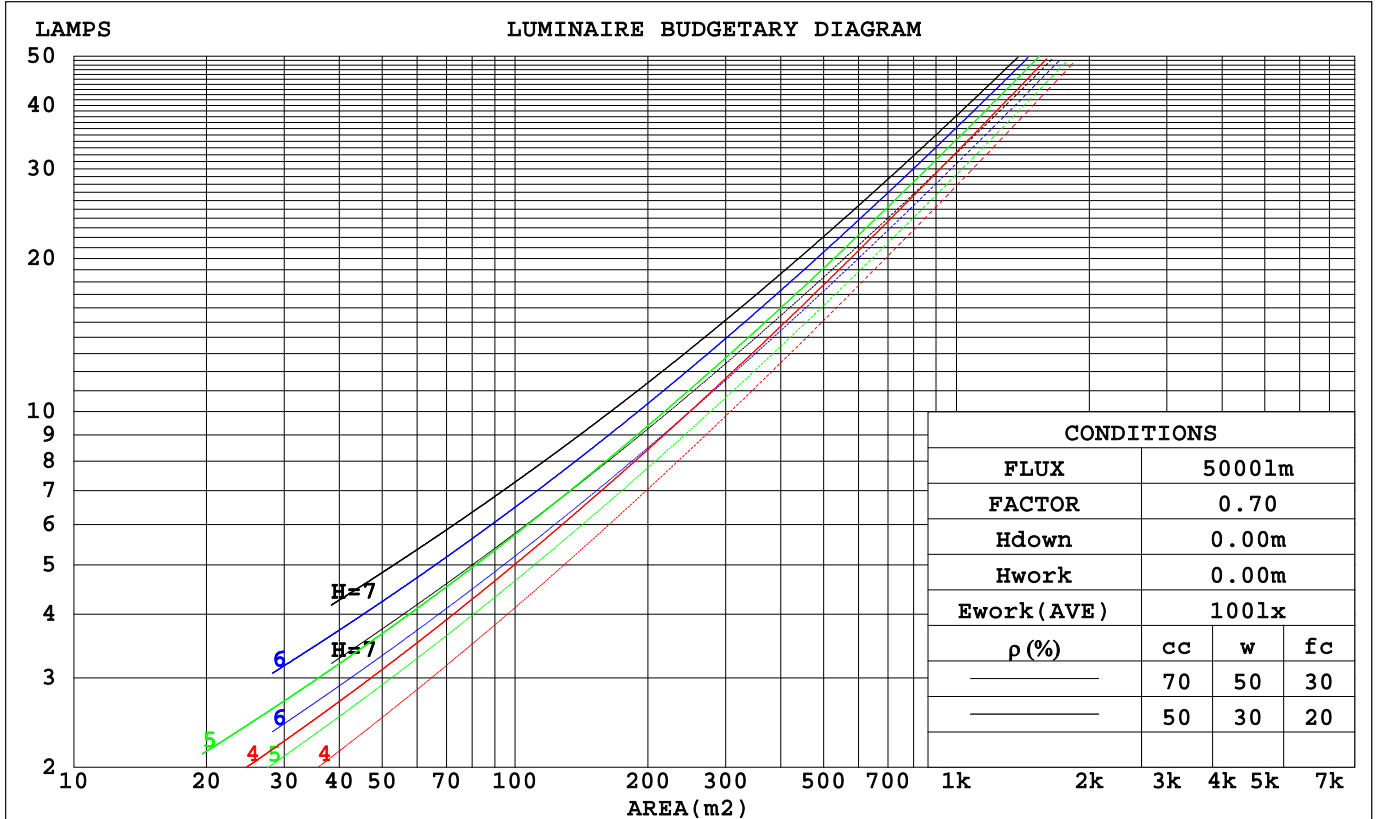
Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:				Address:			
NAME: 6060S 25W				TYPE:		WEIGHT:	
SPECIFICATION:				DIMENSION: 6060		SERIAL No.:20171009001	

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	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.62	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.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:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

WEC AND CCEC

Report number:

MANUFACTURER:	Address:					
NAME: 6060S 25W	TYPE:			WEIGHT:		
SPECIFICATION:	DIMENSION: 6060			SERIAL No.:20171009001		

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	.317	.180	.057	.310	.177	.056	.296	.170	.054	.284	.164	.053	.273	.158	.051	
2.0	.296	.162	.050	.289	.159	.049	.278	.154	.048	.267	.150	.047	.257	.145	.046	
3.0	.272	.145	.043	.267	.143	.043	.256	.139	.042	.247	.135	.041	.238	.132	.041	
4.0	.251	.130	.038	.246	.129	.038	.237	.125	.037	.228	.122	.037	.220	.120	.036	
5.0	.231	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.199	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.178	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.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	.181	.156	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.020	.017	.015	
2.0	.173	.132	.098	.148	.114	.084	.101	.079	.059	.058	.046	.034	.019	.015	.011	
3.0	.165	.114	.074	.141	.099	.064	.097	.069	.045	.056	.040	.027	.018	.013	.009	
4.0	.157	.101	.058	.135	.087	.050	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.010	.006	
6.0	.142	.082	.039	.122	.071	.034	.084	.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:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

Uncorrected UGR Table

Report number:

MANUFACTURER:					Address:					
NAME: 6060S 25W					TYPE:			WEIGHT:		
SPECIFICATION:					DIMENSION: 6060			SERIAL No.:20171009001		

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	12.7	14.2	13.0	14.4	14.6	12.5	14.0	12.8	14.2	14.4
3H	14.3	15.8	14.6	16.0	16.2	13.9	15.3	14.2	15.6	15.8
4H	15.1	16.4	15.4	16.7	16.9	14.5	15.8	14.8	16.1	16.3
6H	15.7	17.0	16.0	17.3	17.5	14.9	16.1	15.2	16.4	16.7
8H	16.0	17.2	16.3	17.5	17.8	15.0	16.2	15.3	16.5	16.8
12H	16.1	17.3	16.5	17.6	17.9	15.0	16.2	15.3	16.5	16.8
4H 2H	13.3	14.6	13.6	14.9	15.1	13.1	14.5	13.4	14.7	15.0
3H	15.1	16.3	15.5	16.6	16.9	14.7	15.9	15.1	16.2	16.5
4H	16.0	17.1	16.4	17.4	17.7	15.4	16.5	15.8	16.8	17.2
6H	16.8	17.8	17.2	18.1	18.5	15.9	16.9	16.3	17.2	17.6
8H	17.1	18.0	17.5	18.4	18.8	16.1	17.0	16.5	17.4	17.7
12H	17.4	18.2	17.8	18.6	19.0	16.2	17.0	16.6	17.4	17.8
8H 4H	16.3	17.2	16.7	17.5	17.9	15.8	16.7	16.2	17.0	17.4
6H	17.2	18.0	17.7	18.4	18.8	16.4	17.2	16.9	17.6	18.0
8H	17.7	18.3	18.1	18.8	19.2	16.7	17.4	17.2	17.8	18.2
12H	18.1	18.6	18.5	19.1	19.6	16.9	17.4	17.3	17.9	18.4
12H 4H	16.3	17.1	16.7	17.5	17.9	15.8	16.6	16.2	17.0	17.4
6H	17.3	18.0	17.8	18.4	18.9	16.5	17.2	17.0	17.6	18.1
8H	17.8	18.4	18.3	18.8	19.3	16.9	17.4	17.3	17.9	18.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 3265 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.1)

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:	Address:		
NAME: 6060S 25W	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001	

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	65	55	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	79	93	85	79	89	83	77	69
2.50	99	91	85	96	89	84	93	87	82	73
3.00	102	95	89	100	93	88	96	90	86	78
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

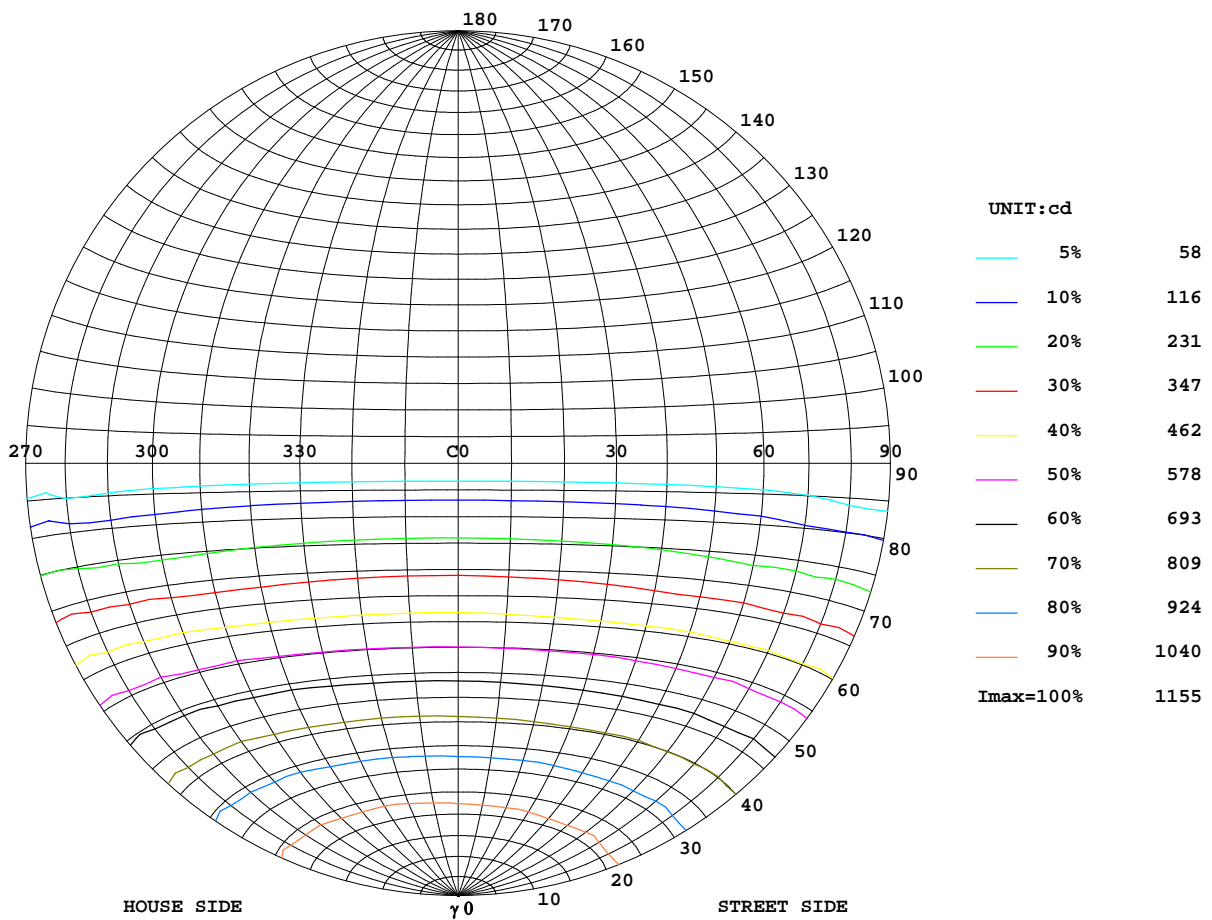
Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 6060S 25W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

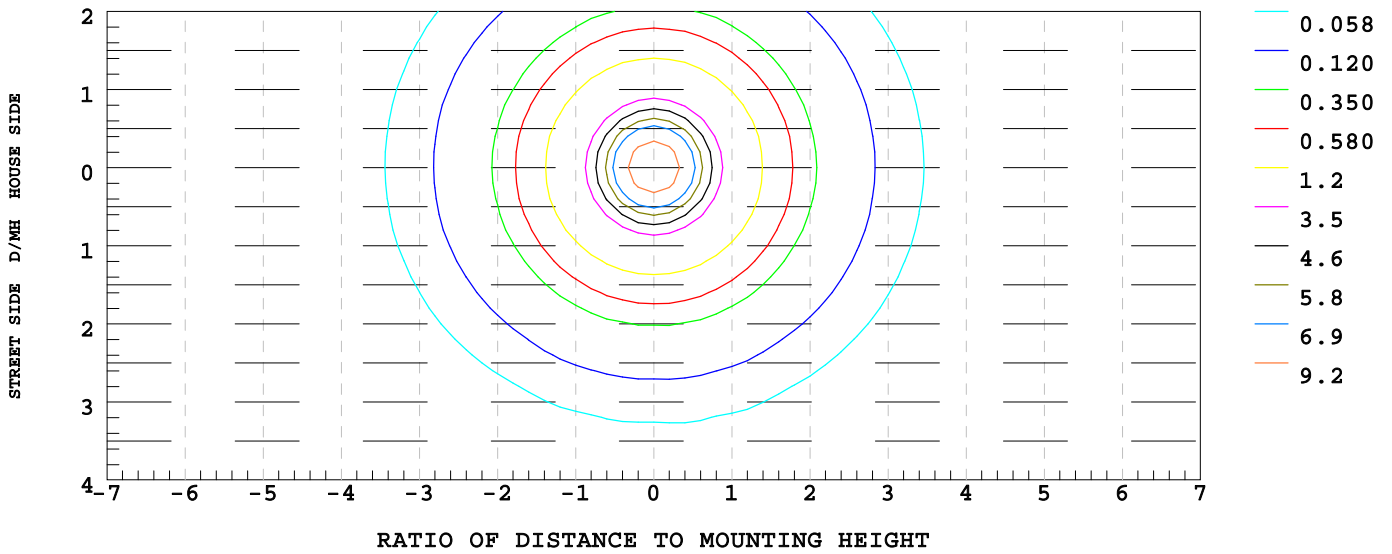
Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 6060S 25W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001

ILLUMINANCE AT MH=10 m, Enadir = 11.55 lx



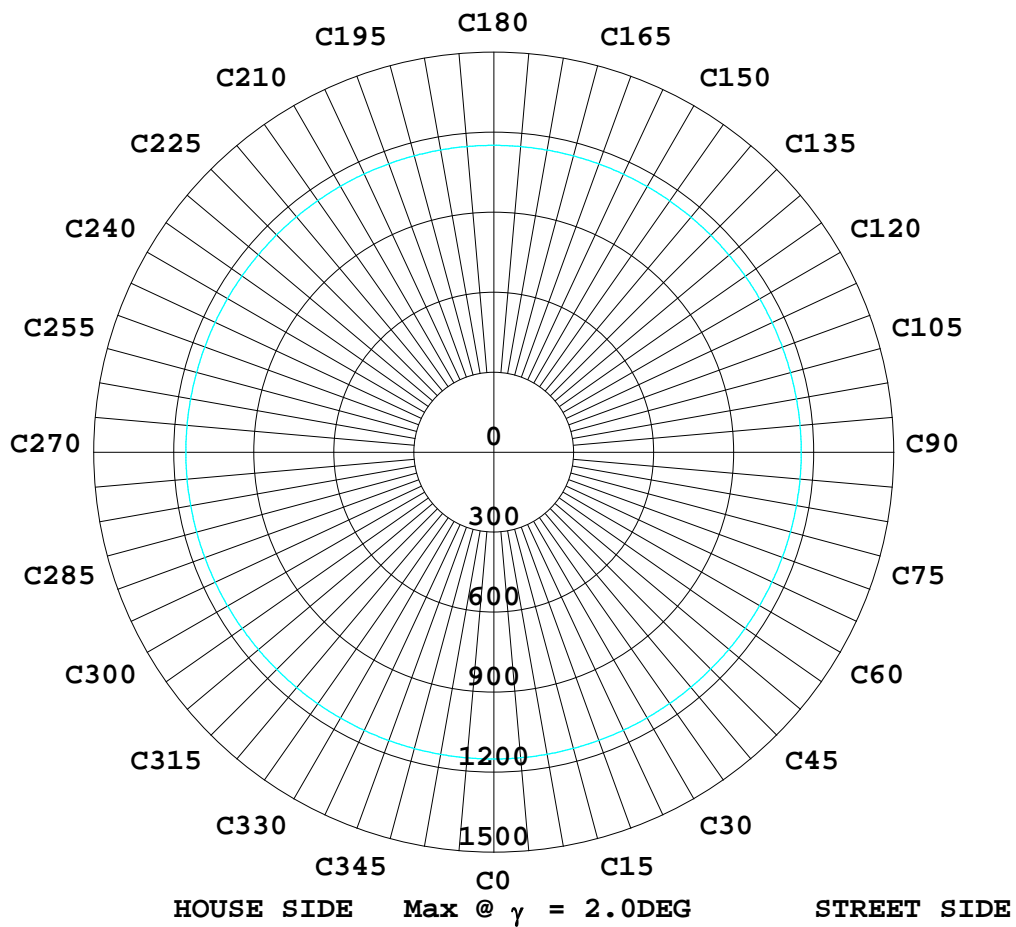
Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 6060S 25W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 6060S 25W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001

UNIT: cd

γ (DEG)	C(DEG)														
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
0.0	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155
5.0	1143	1143	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1142	1143	1143
10.0	1131	1130	1130	1129	1128	1127	1126	1125	1124	1123	1123	1122	1122	1122	1122
15.0	1097	1097	1096	1096	1095	1095	1095	1095	1096	1097	1098	1096	1094	1093	1092
20.0	1064	1063	1062	1060	1058	1057	1056	1054	1054	1053	1054	1055	1058	1056	1054
25.0	1012	1011	1010	1009	1009	1008	1008	1008	1008	1006	1004	1004	1005	1007	1007
30.0	961	960	958	956	954	952	951	949	948	948	949	946	945	946	949
35.0	893	892	891	890	889	889	889	890	886	883	881	881	881	879	881
40.0	825	824	822	820	818	816	815	814	813	815	813	809	808	808	807
45.0	746	744	743	742	741	739	738	737	735	734	734	736	731	728	728
50.0	666	665	663	662	660	658	656	654	652	652	649	649	651	647	645
55.0	578	577	576	574	573	573	572	571	568	565	562	561	560	563	559
60.0	490	489	487	485	484	482	481	480	479	479	476	473	470	469	472
65.0	409	408	406	403	401	397	393	389	387	385	385	385	381	377	376
70.0	328	327	325	323	320	317	313	309	304	299	293	291	291	291	285
75.0	247	246	244	242	240	237	234	231	226	221	216	210	204	203	202
80.0	165	165	164	163	161	159	157	154	150	147	142	137	135	128	121
85.0	84.2	83.9	83.4	82.7	81.8	80.7	79.3	77.9	76.0	73.8	71.4	68.5	66.4	62.6	58.2
90.0	3.08	3.08	3.08	3.03	2.94	2.89	2.69	2.59	2.45	2.25	2.00	1.86	1.61	1.42	1.12

Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 6060S 25W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001

UNIT: cd

γ (DEG)	C(DEG)														
	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0.0	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155
5.0	1144	1145	1146	1147	1146	1145	1145	1144	1144	1143	1143	1143	1143	1144	1144
10.0	1122	1124	1125	1127	1125	1124	1124	1124	1124	1124	1125	1126	1126	1128	1129
15.0	1092	1093	1094	1097	1095	1094	1094	1094	1095	1097	1100	1103	1102	1101	1101
20.0	1052	1052	1054	1057	1055	1054	1055	1057	1060	1063	1060	1060	1060	1060	1062
25.0	1004	1003	1004	1007	1005	1005	1007	1011	1012	1010	1010	1011	1013	1016	1017
30.0	949	946	946	948	947	948	952	954	952	951	953	957	956	957	959
35.0	886	881	880	883	881	884	890	886	885	888	889	890	893	896	900
40.0	809	810	807	809	808	813	813	812	815	818	822	825	825	824	825
45.0	728	734	729	729	730	737	733	734	735	739	745	744	744	746	748
50.0	644	648	646	646	647	651	649	650	654	660	658	659	663	664	665
55.0	557	558	558	556	560	561	562	565	571	569	571	572	576	579	582
60.0	466	465	471	465	472	469	472	479	477	478	482	486	489	489	490
65.0	379	373	379	373	381	377	384	383	384	390	394	393	394	395	397
70.0	285	283	284	280	286	287	290	292	299	298	298	300	306	311	315
75.0	201	197	194	194	197	202	202	209	209	209	215	221	226	231	235
80.0	119	116	116	111	119	121	124	125	132	138	140	145	149	153	156
85.0	52.8	44.1	38.3	37.8	47.6	49.1	55.2	60.2	64.1	68.1	69.5	72.2	74.4	76.4	78.2
90.0	0.98	0.78	0.54	2.20	0.74	0.73	0.78	0.78	0.73	0.83	0.83	0.83	0.83	0.83	0.93

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 6060S 25W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001

UNIT: cd

γ (DEG)	C(DEG)														
	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220
0.0	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155
5.0	1144	1144	1144	1145	1145	1145	1145	1145	1146	1146	1146	1146	1147	1147	1147
10.0	1130	1131	1132	1133	1134	1135	1136	1136	1136	1136	1136	1135	1135	1135	1134
15.0	1101	1101	1102	1102	1103	1104	1104	1105	1106	1106	1107	1107	1108	1109	1110
20.0	1063	1065	1067	1069	1071	1072	1073	1074	1074	1074	1074	1074	1073	1073	1073
25.0	1017	1017	1018	1020	1021	1022	1023	1024	1024	1025	1026	1027	1029	1031	1032
30.0	961	963	965	968	970	971	972	973	973	973	973	972	972	973	974
35.0	900	900	901	902	903	904	905	906	907	908	909	910	911	912	911
40.0	826	828	830	833	835	837	839	840	840	840	840	839	839	839	840
45.0	751	752	753	754	756	757	759	760	760	761	762	763	765	766	764
50.0	668	670	673	675	676	678	679	679	679	679	679	679	679	680	682
55.0	584	584	585	586	587	588	590	590	590	591	591	591	592	592	591
60.0	491	492	494	496	498	499	500	501	501	501	501	501	501	500	500
65.0	402	405	409	411	414	416	417	418	417	417	416	414	412	410	409
70.0	319	323	326	329	331	333	334	334	334	333	332	331	329	326	323
75.0	239	242	244	247	248	250	251	251	251	250	249	248	246	243	241
80.0	159	161	163	165	166	167	167	168	167	167	166	165	164	162	160
85.0	79.5	80.8	81.8	82.6	83.3	83.9	84.2	84.2	84.1	83.9	83.4	82.9	82.1	81.1	80.0
90.0	0.83	0.93	0.88	0.93	0.93	0.98	0.98	0.98	0.98	1.02	1.02	1.07	1.07	0.98	1.07

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:		
NAME: 6060S 25W	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001	

UNIT: cd

C(DEG)\ γ (DEG)	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155
5.0	1147	1148	1148	1148	1149	1150	1150	1151	1152	1153	1152	1151	1150	1149	1148
10.0	1134	1133	1133	1133	1133	1134	1134	1136	1137	1139	1137	1135	1133	1132	1131
15.0	1111	1112	1111	1109	1109	1108	1109	1110	1112	1114	1111	1109	1107	1106	1106
20.0	1073	1073	1075	1077	1075	1074	1073	1074	1076	1079	1075	1072	1071	1070	1071
25.0	1031	1029	1029	1029	1030	1031	1029	1028	1030	1034	1029	1026	1026	1026	1025
30.0	976	979	977	975	974	975	975	974	975	980	974	971	972	970	968
35.0	911	912	914	916	912	911	913	911	912	917	911	908	909	906	906
40.0	841	840	840	843	847	842	841	841	841	846	839	838	836	836	840
45.0	763	763	764	763	765	768	763	764	763	770	761	761	759	762	758
50.0	685	682	680	681	680	684	683	680	681	687	679	677	678	678	673
55.0	592	595	597	593	593	593	600	594	593	601	591	590	595	587	585
60.0	500	501	502	506	503	502	504	506	501	509	499	501	498	495	496
65.0	408	407	407	408	412	411	408	416	409	416	407	411	403	404	404
70.0	320	317	315	313	313	317	317	317	317	324	314	313	311	310	306
75.0	238	234	230	226	223	222	226	223	229	231	226	219	220	216	217
80.0	157	154	151	147	143	143	138	141	142	148	139	136	133	138	139
85.0	78.6	77.0	75.2	72.9	71.1	69.1	66.0	63.5	63.9	70.8	55.6	58.3	62.9	66.6	69.4
90.0	1.07	1.07	1.07	1.12	1.17	1.07	1.12	1.07	1.17	7.64	1.07	1.17	1.27	1.42	1.47

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 6060S 25W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 6060	SERIAL No.:20171009001

UNIT: cd

C(DEG)\ γ (DEG)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155
5.0	1147	1147	1146	1146	1145	1145	1144	1144	1144	1144	1143	1143
10.0	1131	1130	1130	1130	1130	1131	1131	1131	1131	1131	1131	1131
15.0	1106	1106	1108	1106	1105	1103	1102	1101	1100	1099	1099	1098
20.0	1072	1069	1067	1067	1066	1066	1066	1066	1066	1066	1065	1065
25.0	1023	1022	1022	1023	1024	1022	1020	1018	1016	1015	1014	1013
30.0	968	970	971	967	964	963	962	962	962	962	962	961
35.0	909	906	903	901	900	901	900	898	897	896	895	894
40.0	835	832	831	831	829	828	828	828	827	827	827	827
45.0	755	755	753	752	753	754	753	751	749	748	747	747
50.0	672	671	672	674	670	669	667	666	666	666	667	666
55.0	585	587	585	582	581	580	580	580	580	579	579	579
60.0	497	492	491	491	490	490	491	491	491	491	491	491
65.0	400	398	398	399	400	402	404	406	407	408	409	409
70.0	306	307	309	313	316	319	322	324	326	327	328	328
75.0	220	225	229	232	236	239	241	243	245	246	246	247
80.0	143	147	151	154	156	159	161	163	164	165	165	166
85.0	71.1	73.5	75.5	77.2	78.7	80.1	81.3	82.4	83.2	83.7	84.0	84.3
90.0	1.56	1.56	1.66	1.61	1.81	1.96	2.25	2.64	2.79	2.89	2.94	3.08

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2017/10/09

Test Set: 5.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: 4000K LED 2835