

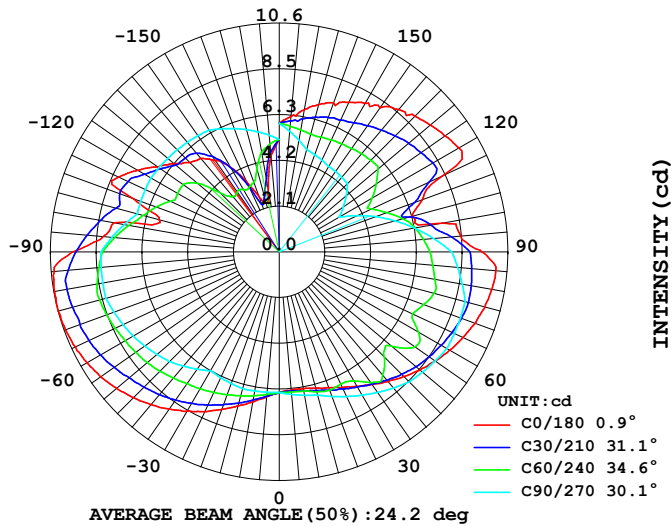
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

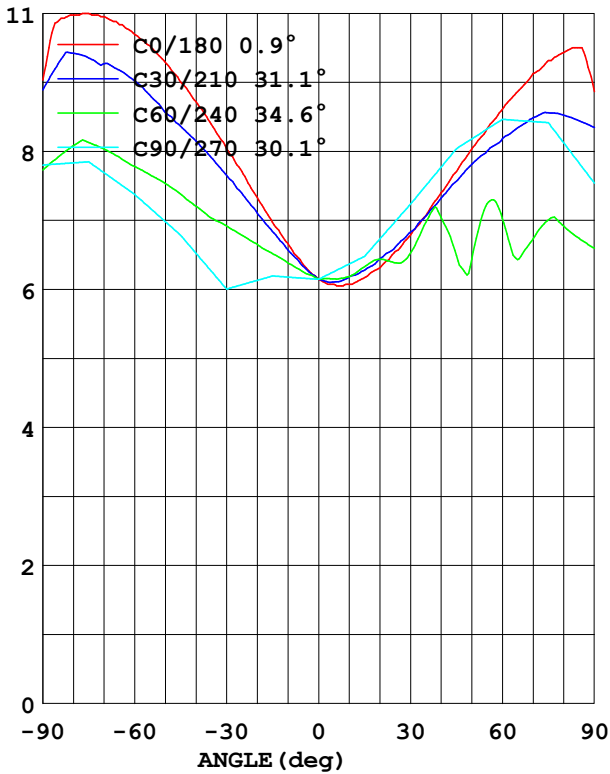
MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K) : 0	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	10.57	S/MH (C0/180)	2.06
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.60
NOMINAL POWER (W)	12	TOTAL FLUX (lm)	94.2	Voltage (V)	220.6
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	8.4	Current (A)	0.103
NOMINAL FLUX (lm)	94.2	η up (%)	43.1	Power (W)	11.20
LAMPS QUANTITY	1	η down (%)	56.9	Power Factor (PF)	0.492
TEST VOLTAGE (V)	220.7	Effective Flux (lm)	94.2	EEL	0.852

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

Color Temperature Data List

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K) : 0	DIMENSION:	SERIAL No. :

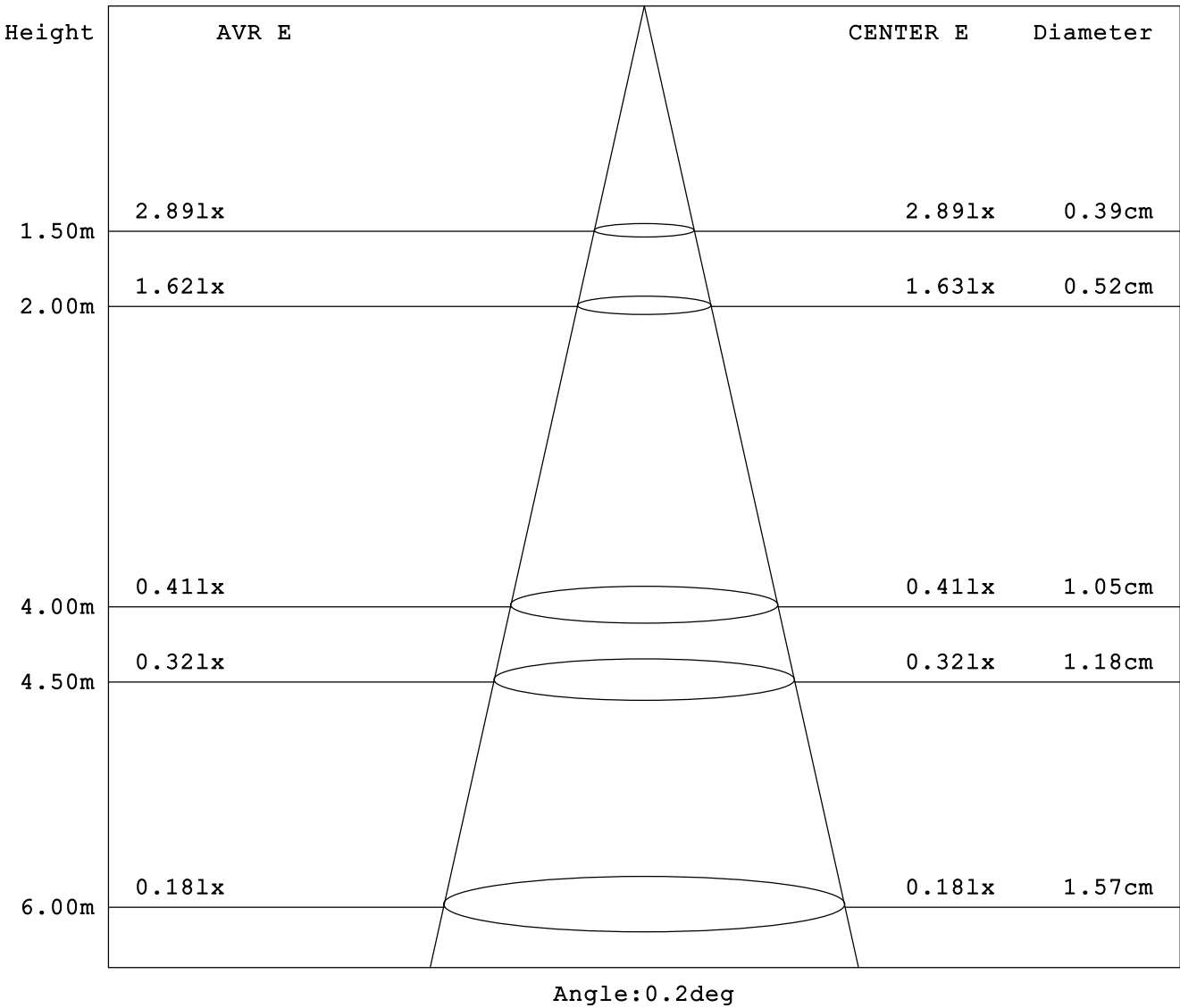
Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K) : 0	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1900
 Temperature: 25.3°C
 Operators:
 Test Date: 2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
 Humidity: 65.0%
 Test Distance: 5.000 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K): 0	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	6.725	6.663	6.516	6.430	6.425	6.474	6.616	6.757	0- 5	0.157	0.157
10.0	7.050	6.864	6.533	6.332	6.425	6.554	6.733	7.077	5- 10	0.475	0.632
15.0	7.375	7.077	6.550	6.371	6.525	6.675	6.850	7.426	10- 15	0.805	1.436
20.0	7.750	7.299	6.483	6.379	6.675	6.812	7.116	7.780	15- 20	1.146	2.583
25.0	8.150	7.506	6.416	6.537	6.925	7.027	7.383	8.194	20- 25	1.501	4.085
30.0	8.500	7.716	6.350	6.731	7.175	7.212	7.650	8.570	25- 30	1.868	5.954
35.0	8.875	7.900	6.625	6.960	7.475	7.443	7.933	8.923	30- 35	2.247	8.202
40.0	9.224	8.083	6.900	7.178	7.825	7.638	8.216	9.248	35- 40	2.637	10.83
45.0	9.525	8.318	7.175	7.518	8.150	7.821	8.500	9.532	40- 45	3.021	13.86
50.0	9.825	8.540	7.383	7.844	8.500	8.013	8.650	9.792	45- 50	3.397	17.25
55.0	10.07	8.745	7.591	8.154	8.800	8.186	8.800	9.995	50- 55	3.757	21.01
60.0	10.25	8.897	7.800	8.457	9.099	8.301	8.950	10.06	55- 60	4.089	25.10
65.0	10.40	9.022	7.966	8.818	9.375	8.428	8.933	10.10	60- 65	4.382	29.48
70.0	10.52	9.130	8.133	9.073	9.650	8.522	8.916	10.04	65- 70	4.626	34.11
75.0	10.57	9.264	8.299	9.254	9.849	8.530	8.900	9.888	70- 75	4.823	38.93
80.0	10.55	9.291	8.283	9.503	9.974	8.515	8.591	9.655	75- 80	4.941	43.87
85.0	10.45	9.035	8.266	9.519	10.05	8.438	8.283	9.161	80- 85	4.919	48.79
90.0	9.550	8.750	8.250	9.525	9.375	8.349	7.975	8.650	85- 90	4.796	53.59
95.0	8.175	8.266	7.766	9.319	8.425	7.848	7.166	7.995	90- 95	4.495	58.08
100.0	7.775	7.734	7.283	9.106	7.675	7.328	6.358	7.324	95-100	4.130	62.22
105.0	5.750	7.254	6.800	8.779	6.350	6.506	5.550	6.439	100-105	3.773	65.99
110.0	7.150	6.781	6.816	8.435	7.050	5.573	4.766	5.536	105-110	3.521	69.51
115.0	8.200	6.474	6.833	8.470	8.349	5.832	3.983	5.106	110-115	3.354	72.86
120.0	7.550	6.323	6.850	8.571	9.600	6.480	3.200	4.959	115-120	3.195	76.06
125.0	6.850	6.333	6.791	8.708	9.350	7.018	3.625	4.701	120-125	2.973	79.03
130.0	6.350	6.300	6.733	8.422	9.125	6.950	4.050	4.200	125-130	2.733	81.77
135.0	5.850	6.025	6.675	8.034	8.875	6.828	4.475	3.684	130-135	2.469	84.24
140.0	5.650	5.509	6.616	7.893	8.600	6.666	4.508	3.062	135-140	2.188	86.43
145.0	5.175	4.649	6.558	7.723	8.125	6.529	4.541	2.368	140-145	1.893	88.32
150.0	4.525	3.319	6.500	7.468	7.925	6.385	4.575	1.876	145-150	1.593	89.91
155.0	3.575	2.459	6.283	7.239	7.625	6.274	4.683	2.256	150-155	1.298	91.21
160.0	2.675	2.686	6.066	6.926	7.350	6.108	4.791	2.943	155-160	1.028	92.24
165.0	2.350	3.219	5.850	6.505	7.050	6.054	4.900	3.705	160-165	0.800	93.04
170.0	2.975	4.035	5.633	6.019	6.675	5.940	5.250	4.564	165-170	0.596	93.64
175.0	4.450	4.790	5.416	5.671	6.275	5.957	5.600	5.288	170-175	0.379	94.02
180.0	5.200	5.200	5.200	5.200	5.950	5.950	5.950	5.950	175-180	0.131	94.15
deg	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

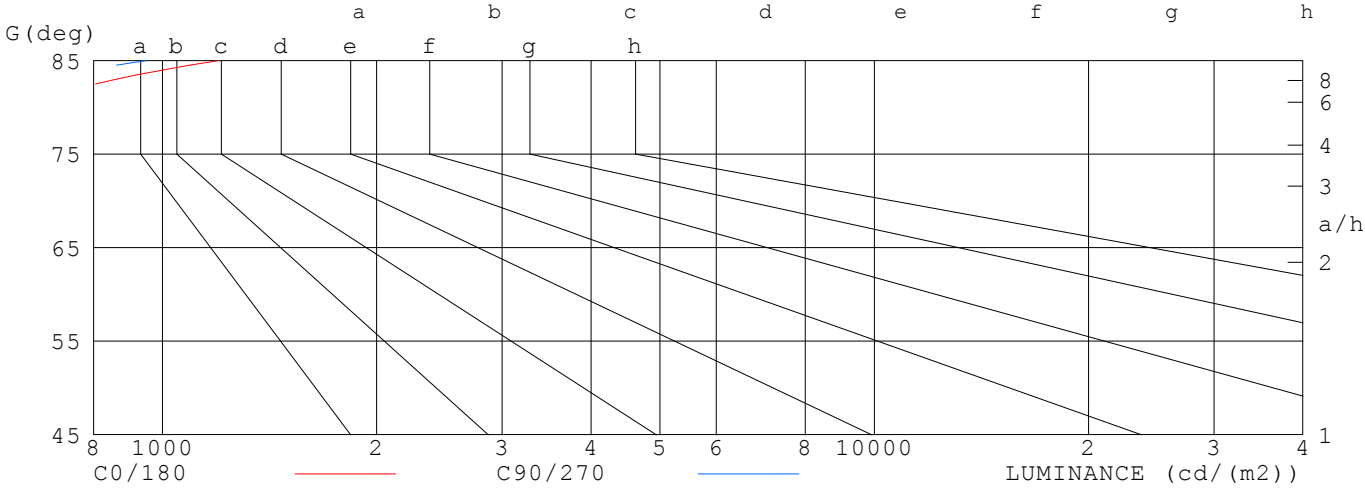
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K) : 0	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
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	1199	948
80	608	477
75	409	321
70	308	238
65	246	189
60	205	156
55	176	132
50	153	115
45	135	101

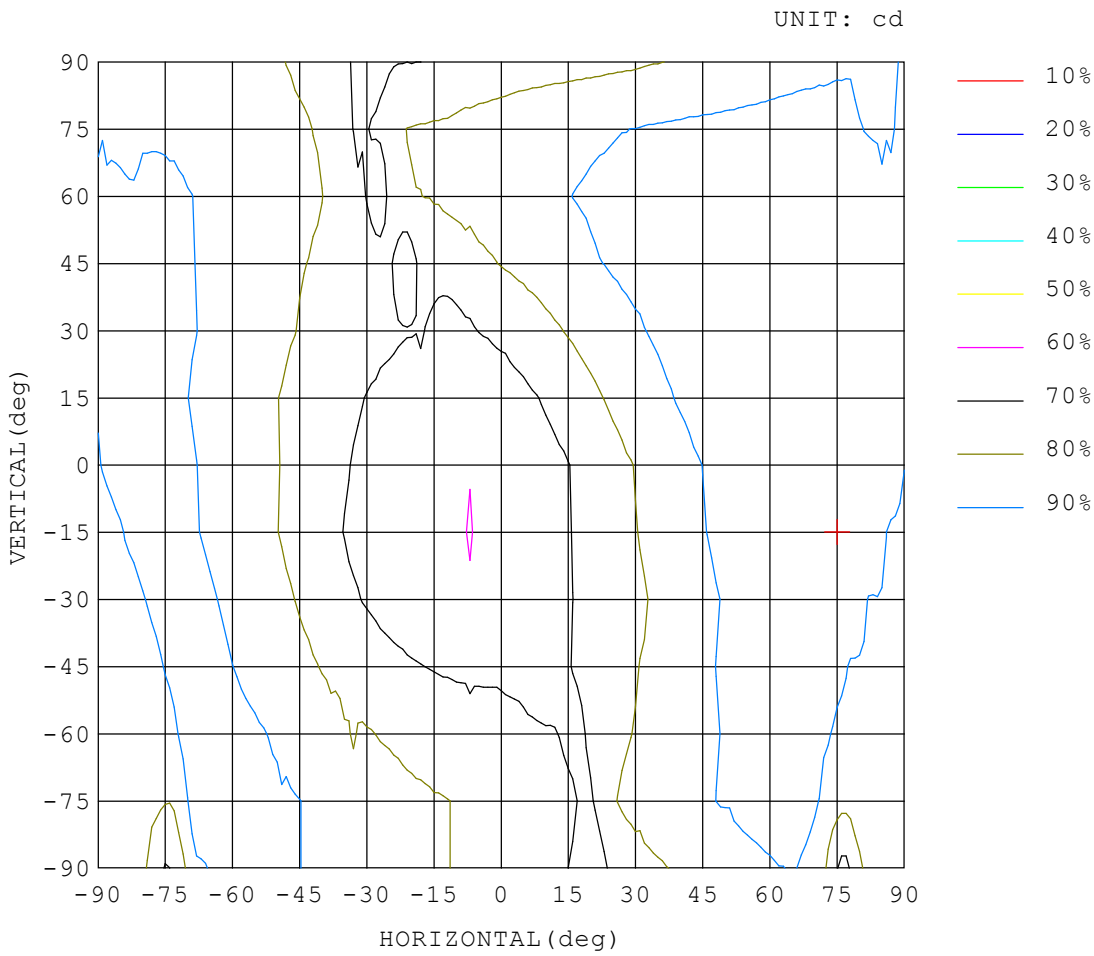
Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K): 0	DIMENSION:	SERIAL No.:



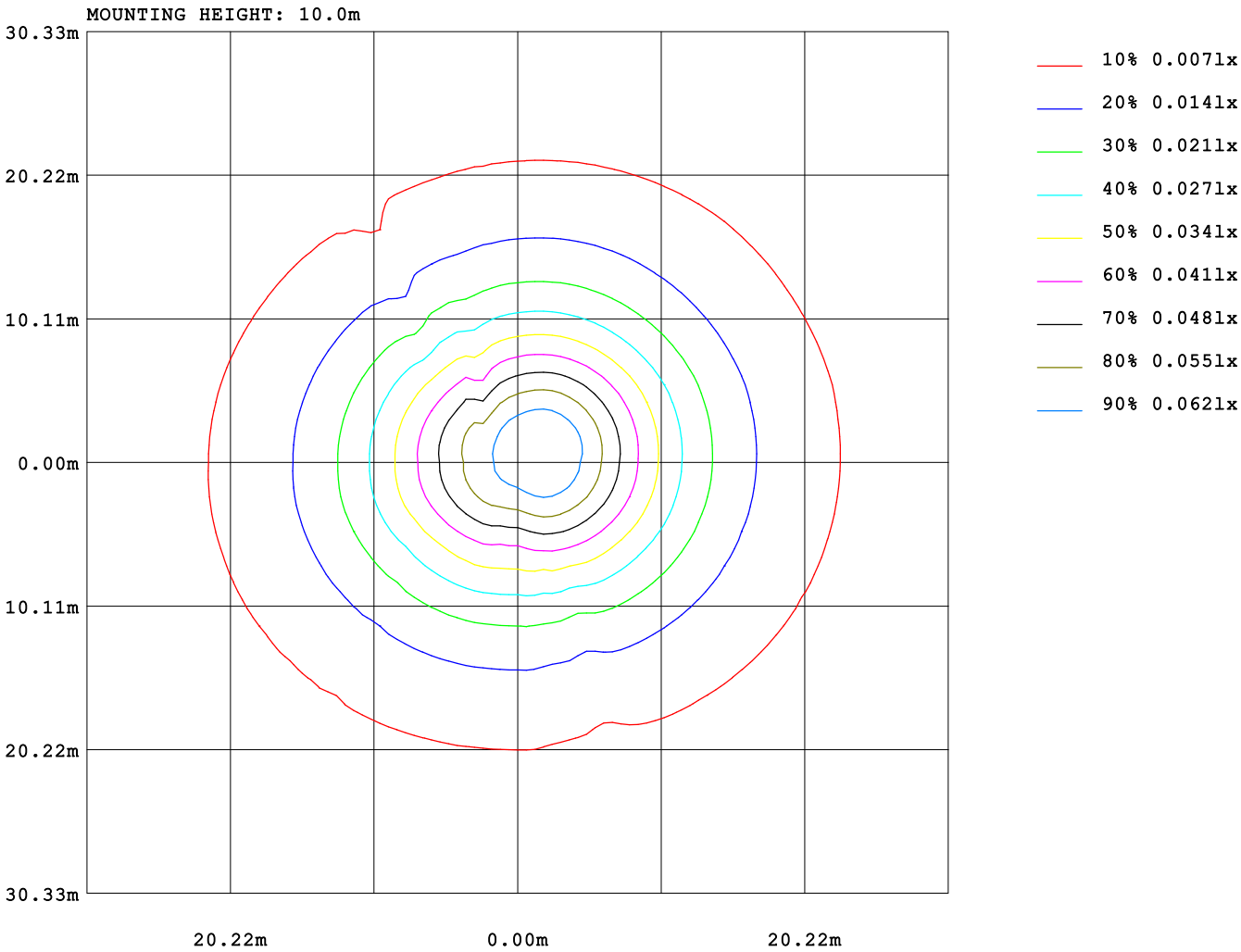
Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K): 0	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: NORDECOR																			
Address:																			
NAME: 6652										TYPE:					WEIGHT:				
SPECIFICATION: 12W					CCT (K): 0					DIMENSION:					SERIAL No.:				

VERTICAL (deg)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.02	0.07	0.12	0.16	0.19	0.20	0.22	0.24	0.26	0.27	0.26	0.24	0.22	0.20	0.16	0.12	0.08	0.02	3.05	3.05		
90																						
80	0.02	0.07	0.12	0.16	0.19	0.20	0.22	0.24	0.26	0.27	0.26	0.24	0.22	0.20	0.16	0.12	0.08	0.02	3.05	3.05		
70	0.02	0.08	0.12	0.16	0.19	0.20	0.23	0.27	0.28	0.30	0.29	0.27	0.24	0.21	0.17	0.13	0.08	0.03	3.26	3.26		
60	0.03	0.08	0.12	0.16	0.19	0.20	0.23	0.27	0.28	0.29	0.30	0.28	0.26	0.23	0.18	0.13	0.08	0.03	3.33	3.33		
50	0.03	0.08	0.12	0.16	0.19	0.20	0.21	0.25	0.27	0.28	0.28	0.27	0.25	0.22	0.18	0.13	0.08	0.03	3.22	3.22		
40	0.03	0.08	0.12	0.16	0.19	0.21	0.20	0.24	0.26	0.27	0.28	0.27	0.25	0.22	0.18	0.14	0.08	0.03	3.19	3.19		
30	0.03	0.08	0.12	0.16	0.18	0.20	0.20	0.22	0.24	0.26	0.26	0.26	0.25	0.22	0.19	0.14	0.08	0.03	3.11	3.11		
	0.03	0.08	0.12	0.15	0.18	0.20	0.21	0.20	0.21	0.23	0.24	0.25	0.24	0.22	0.18	0.14	0.08	0.03	2.98	2.98		
	0.03	0.08	0.12	0.15	0.18	0.19	0.20	0.19	0.20	0.22	0.23	0.24	0.23	0.21	0.18	0.14	0.08	0.03	2.89	2.89		
	0.03	0.08	0.12	0.15	0.17	0.19	0.19	0.20	0.19	0.20	0.22	0.23	0.23	0.21	0.18	0.13	0.08	0.03	2.81	2.81		
	0.03	0.08	0.12	0.15	0.17	0.19	0.19	0.19	0.19	0.20	0.21	0.22	0.22	0.20	0.17	0.13	0.08	0.03	2.77	2.77		
	0.03	0.08	0.12	0.15	0.17	0.18	0.19	0.19	0.19	0.20	0.21	0.22	0.22	0.20	0.17	0.13	0.08	0.03	2.75	2.75		
-30	0.02	0.08	0.12	0.15	0.17	0.18	0.18	0.19	0.19	0.21	0.22	0.22	0.22	0.20	0.17	0.13	0.08	0.03	2.77	2.77		
-40	0.02	0.08	0.12	0.16	0.18	0.19	0.20	0.20	0.19	0.20	0.22	0.22	0.21	0.20	0.17	0.13	0.08	0.02	2.80	2.80		
-50	0.02	0.08	0.13	0.16	0.19	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.21	0.20	0.17	0.13	0.08	0.02	2.86	2.86		
-60	0.02	0.07	0.13	0.16	0.19	0.21	0.22	0.23	0.23	0.22	0.21	0.23	0.22	0.20	0.17	0.13	0.08	0.02	2.96	2.96		
-70	0.02	0.07	0.13	0.17	0.20	0.22	0.24	0.24	0.24	0.24	0.21	0.23	0.22	0.20	0.17	0.13	0.07	0.02	3.02	3.02		
-80	0.02	0.07	0.13	0.17	0.20	0.23	0.25	0.25	0.25	0.25	0.22	0.23	0.22	0.20	0.17	0.13	0.07	0.02	3.09	3.09		
-90	0.02	0.07	0.13	0.17	0.21	0.24	0.25	0.26	0.26	0.25	0.23	0.23	0.22	0.20	0.17	0.13	0.07	0.02	3.15	3.15		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (deg)				20	30	40	50	60	70	80	90		
Φ t	0.45	1.35	2.20	2.86	3.34	3.61	3.81	4.04	4.17	4.29	4.29	4.31	4.13	3.74	3.15	2.38	1.43	0.47	94			
Φ a	0.45	1.35	2.20	2.86	3.34	3.61	3.81	4.04	4.17	4.29	4.29	4.31	4.13	3.74	3.15	2.38	1.43	0.47		94		

Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

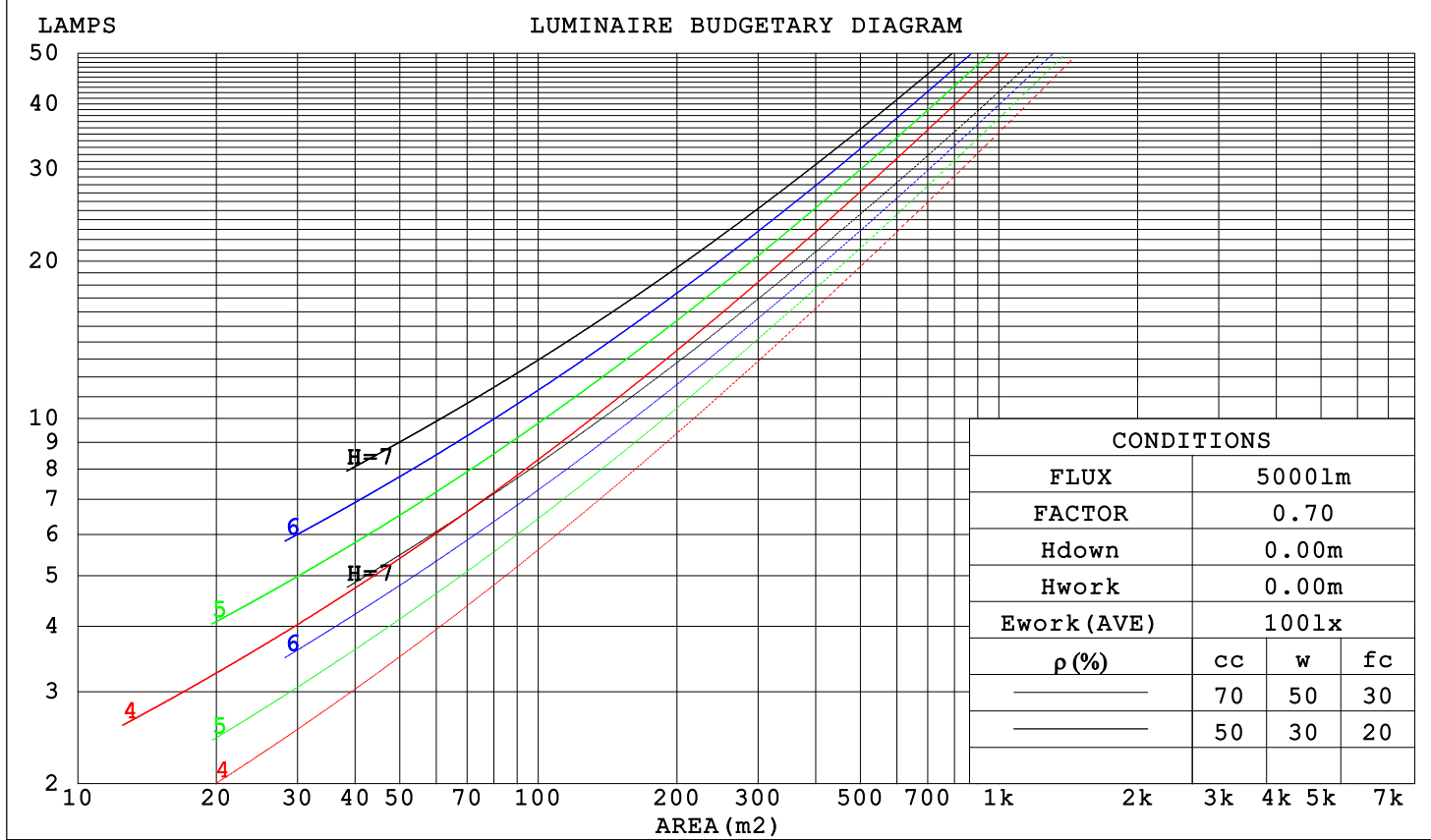
Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: NORDECOR															
Address:															
NAME: 6652								TYPE:				WEIGHT:			
SPECIFICATION: 12W				CCT (K): 0				DIMENSION:				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	1.09	1.09	1.09	1.01	1.01	1.01	.87	.87	.87	.74	.74	.74	.62	.62	.62	.57
1.0	.88	.82	.76	.81	.76	.71	.69	.65	.61	.57	.54	.51	.47	.45	.42	.37
2.0	.74	.65	.58	.68	.61	.54	.57	.52	.46	.48	.43	.39	.38	.35	.32	.27
3.0	.63	.54	.46	.58	.50	.43	.49	.42	.37	.40	.35	.31	.33	.28	.25	.21
4.0	.55	.45	.38	.51	.42	.35	.43	.36	.30	.35	.30	.25	.28	.24	.20	.17
5.0	.48	.39	.32	.45	.36	.29	.38	.30	.25	.31	.25	.21	.25	.20	.17	.13
6.0	.43	.33	.27	.40	.31	.25	.33	.26	.21	.28	.22	.18	.22	.18	.14	.11
7.0	.38	.29	.23	.36	.27	.21	.30	.23	.18	.25	.19	.15	.20	.16	.12	.10
8.0	.35	.26	.20	.32	.24	.19	.27	.21	.16	.23	.17	.13	.18	.14	.11	.08
9.0	.31	.23	.17	.29	.22	.16	.25	.18	.14	.21	.15	.12	.17	.13	.09	.07
10.0	.29	.21	.15	.27	.19	.14	.23	.17	.12	.19	.14	.10	.16	.11	.08	.06



Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

WEC AND CCEC

Report number:

MANUFACTURER: NORDECOR															
Address:															
NAME: 6652								TYPE:				WEIGHT:			
SPECIFICATION: 12W				CCT (K): 0				DIMENSION:				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						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.425	.242	.077	.404	.231	.073	.366	.210	.067	.331	.191	.061	.299	.173	.056	
2.0	.353	.194	.059	.335	.184	.057	.300	.167	.052	.268	.150	.047	.238	.135	.042	
3.0	.307	.163	.049	.290	.155	.047	.258	.140	.043	.229	.125	.038	.201	.112	.035	
4.0	.273	.142	.042	.257	.135	.040	.228	.121	.036	.201	.108	.033	.176	.095	.029	
5.0	.246	.125	.036	.231	.119	.035	.205	.106	.031	.180	.095	.028	.156	.083	.025	
6.0	.223	.112	.032	.210	.106	.031	.186	.095	.028	.163	.084	.025	.141	.074	.022	
7.0	.205	.101	.029	.193	.096	.027	.170	.086	.025	.149	.076	.022	.129	.067	.020	
8.0	.189	.092	.026	.178	.088	.025	.157	.078	.022	.137	.069	.020	.118	.061	.018	
9.0	.176	.085	.024	.165	.081	.023	.146	.072	.020	.127	.064	.018	.110	.056	.016	
10.0	.164	.079	.022	.154	.075	.021	.136	.067	.019	.119	.059	.017	.102	.051	.015	

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						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.519	.519	.519	.443	.443	.443	.303	.303	.303	.174	.174	.174	.056	.056	.056	
1.0	.519	.486	.456	.444	.417	.393	.304	.287	.272	.175	.166	.158	.056	.053	.051	
2.0	.514	.465	.424	.440	.400	.366	.301	.277	.255	.174	.161	.150	.056	.052	.049	
3.0	.507	.449	.404	.434	.388	.350	.298	.269	.246	.172	.157	.145	.055	.051	.047	
4.0	.499	.438	.391	.428	.378	.340	.294	.264	.239	.170	.154	.142	.055	.050	.047	
5.0	.491	.429	.383	.422	.371	.333	.291	.259	.235	.168	.152	.139	.054	.050	.046	
6.0	.484	.421	.376	.416	.365	.328	.287	.255	.232	.167	.150	.138	.054	.049	.046	
7.0	.477	.415	.372	.410	.360	.324	.284	.252	.230	.165	.149	.137	.053	.049	.045	
8.0	.470	.410	.368	.405	.356	.321	.280	.250	.228	.163	.147	.136	.053	.048	.045	
9.0	.464	.405	.366	.400	.352	.319	.277	.247	.226	.161	.146	.135	.052	.048	.045	
10.0	.458	.401	.364	.395	.349	.317	.274	.245	.225	.160	.145	.135	.052	.048	.045	

Test System:HOPOO HPG1900
 Temperature:25.3'C
 Operators:
 Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:5.000 m
 Remarks:

UGR Table

Report number:

MANUFACTURER: NORDECOR											
Address:											
NAME: 6652					TYPE:			WEIGHT:			
SPECIFICATION: 12W		CCT(K): 0			DIMENSION:			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	4.5	5.6	5.2	6.4	7.5	2.8	3.9	3.6	4.7	5.8	
3H	7.9	8.9	8.7	9.8	10.9	6.0	7.0	6.8	7.9	8.9	
4H	9.8	10.8	10.6	11.6	12.7	7.9	8.9	8.7	9.7	10.8	
6H	11.8	12.8	12.7	13.6	14.7	10.0	10.9	10.8	11.8	12.9	
8H	12.9	13.8	13.7	14.7	15.8	11.2	12.1	12.0	13.0	14.1	
12H	14.1	15.0	15.0	15.9	17.0	12.5	13.4	13.4	14.3	15.4	
4H	2H	5.3	6.3	6.1	7.1	8.2	4.1	5.2	5.0	6.0	7.1
	3H	8.8	9.7	9.7	10.6	11.8	7.4	8.3	8.2	9.1	10.3
	4H	10.9	11.7	11.8	12.6	13.8	9.3	10.1	10.2	11.0	12.1
	6H	13.1	13.8	14.0	14.8	16.0	11.4	12.1	12.3	13.0	14.2
	8H	14.2	14.9	15.2	15.9	17.1	12.6	13.3	13.5	14.2	15.4
12H	2H	15.5	16.2	16.5	17.1	18.3	14.0	14.7	15.0	15.6	16.8
	4H	11.5	12.2	12.4	13.1	14.3	10.3	10.9	11.2	11.9	13.1
	6H	14.0	14.6	15.0	15.5	16.8	12.6	13.2	13.5	14.1	15.3
	8H	15.4	15.9	16.3	16.9	18.1	13.9	14.4	14.8	15.4	16.6
	12H	16.9	17.3	17.8	18.3	19.6	15.4	15.9	16.4	16.8	18.1
12H	4H	11.6	12.2	12.5	13.2	14.4	10.6	11.2	11.5	12.1	13.4
	6H	14.3	14.8	15.2	15.7	17.0	13.0	13.5	14.0	14.5	15.8
	8H	15.7	16.2	16.7	17.2	18.4	14.4	14.9	15.4	15.9	17.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.3					

CIE Pub.117 Corrected 94.15 lm Total Lamp Luminous Flux.(8log(F/F0) = -8.2)

Test System:HOPOO HPG1900
 Temperature:25.3'C
 Operators:
 Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:5.000 m
 Remarks:

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K): 0	DIMENSION:	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) $k(RI) \times RCR = 5$									
$k = 0.60$	37	24	17	35	24	17	32	22	16	8
0.80	46	32	23	43	30	23	39	28	21	11
1.00	53	39	30	50	37	28	44	35	26	15
1.25	60	46	36	56	43	34	49	39	31	18
1.50	65	51	41	61	48	39	53	43	35	21
2.00	73	60	50	68	56	48	59	50	42	25
2.50	78	66	57	73	62	53	63	54	47	28
3.00	82	71	62	76	66	58	66	58	52	31
4.00	87	78	70	81	73	66	70	63	57	35
5.00	91	82	75	84	77	71	72	67	62	38
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

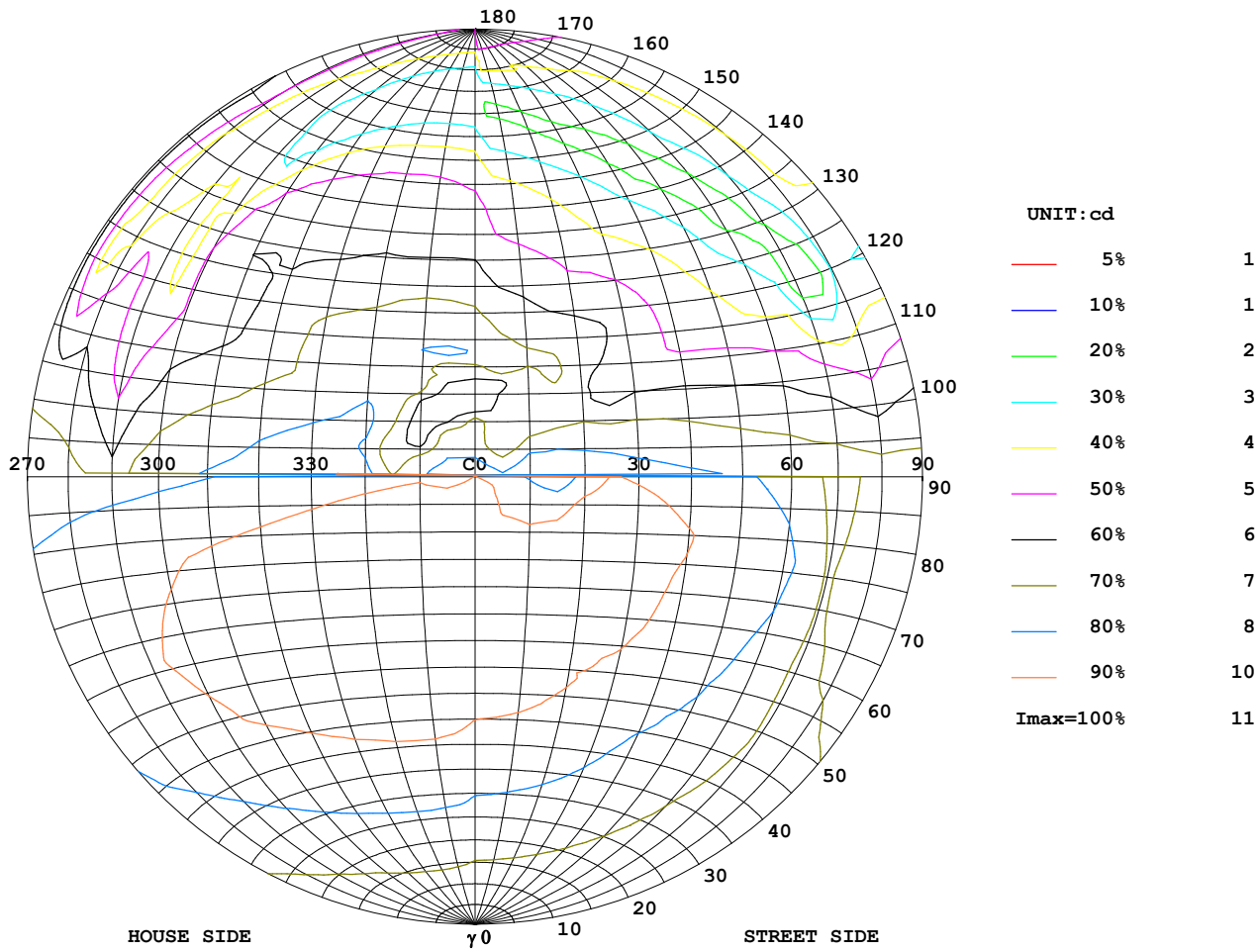
Test System: HOPOO HPG1900
 Temperature: 25.3°C
 Operators:
 Test Date: 2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
 Humidity: 65.0%
 Test Distance: 5.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K): 0	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

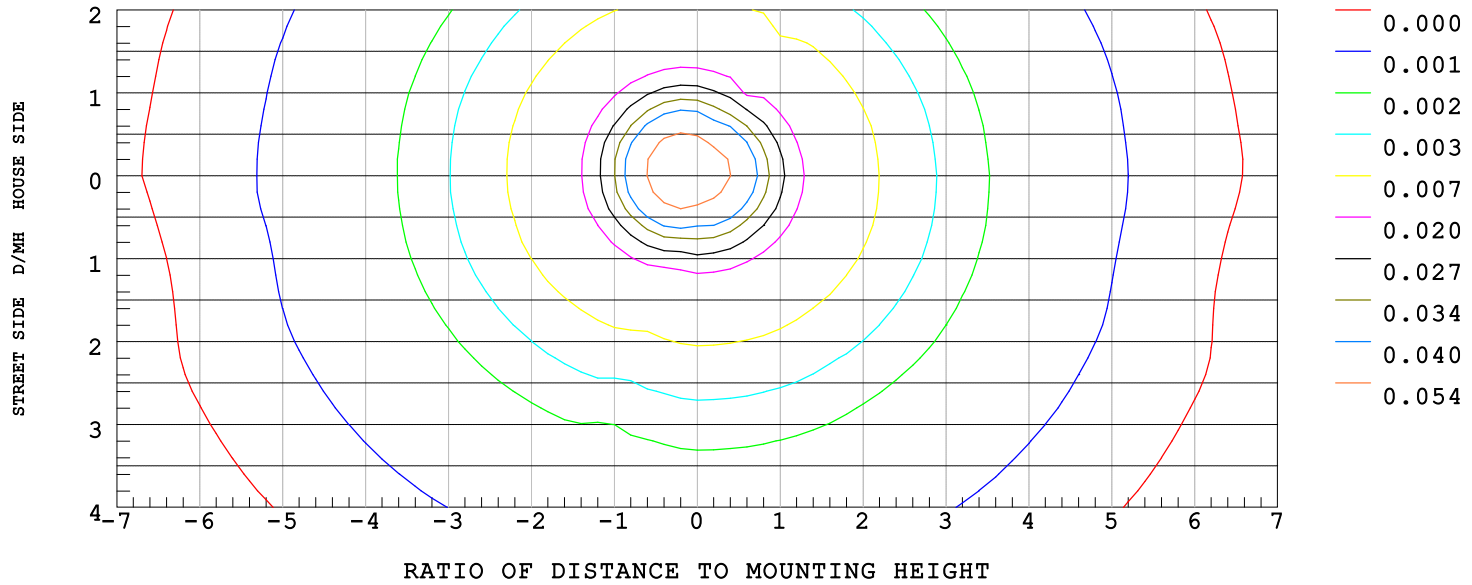
Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K): 0	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 0.06 lx



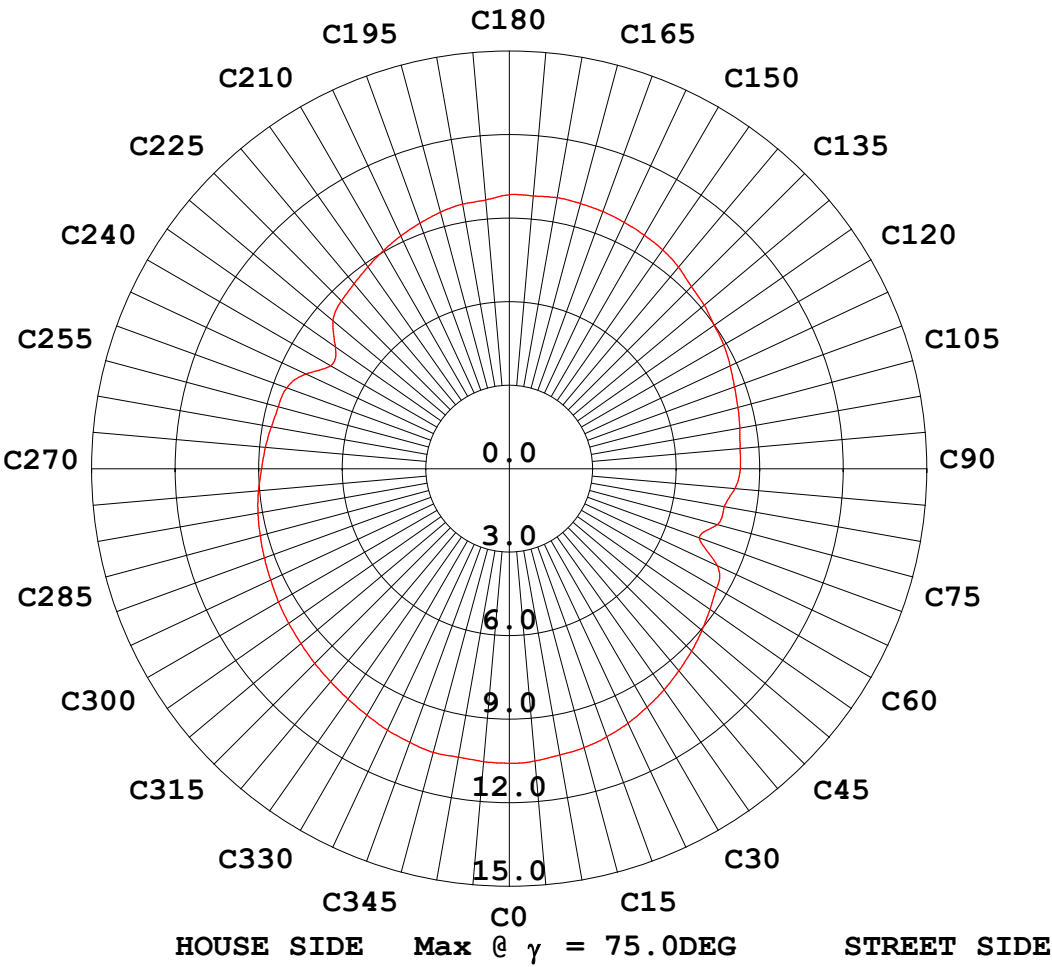
Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K): 0	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K) : 0	DIMENSION:	SERIAL No.:

UNIT: cd

C (deg) γ (deg)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
0.0	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
5.0	6.72	6.72	6.72	6.72	6.71	6.70	6.69	6.68	6.67	6.66	6.64	6.63	6.61	6.59	6.58
10.0	7.05	7.04	7.03	7.02	7.00	6.97	6.95	6.92	6.89	6.86	6.83	6.79	6.75	6.71	6.67
15.0	7.37	7.36	7.35	7.33	7.30	7.27	7.23	7.18	7.13	7.07	7.01	6.94	6.89	6.83	6.77
20.0	7.75	7.73	7.71	7.67	7.63	7.58	7.51	7.44	7.36	7.29	7.20	7.12	7.03	6.89	6.84
25.0	8.15	8.12	8.09	8.04	7.96	7.89	7.81	7.71	7.61	7.50	7.40	7.29	7.17	7.05	6.83
30.0	8.50	8.47	8.43	8.37	8.30	8.20	8.09	7.98	7.84	7.71	7.58	7.44	7.31	7.16	7.01
35.0	8.87	8.84	8.79	8.72	8.62	8.50	8.36	8.20	8.05	7.90	7.74	7.58	7.44	7.26	7.06
40.0	9.22	9.19	9.12	9.04	8.92	8.78	8.62	8.43	8.25	8.08	7.93	7.78	7.61	7.40	7.10
45.0	9.52	9.49	9.43	9.35	9.19	9.04	8.84	8.63	8.48	8.31	8.15	7.98	7.80	7.56	7.18
50.0	9.82	9.74	9.73	9.60	9.44	9.26	9.05	8.89	8.72	8.54	8.35	8.14	7.96	7.67	7.28
55.0	10.0	10.0	9.96	9.82	9.59	9.47	9.31	9.14	8.94	8.74	8.51	8.31	8.10	7.76	7.22
60.0	10.2	10.2	10.1	9.99	9.79	9.69	9.54	9.35	9.13	8.89	8.66	8.45	8.22	7.90	7.14
65.0	10.4	10.3	10.2	10.1	10.0	9.88	9.70	9.50	9.25	9.02	8.77	8.56	8.36	8.00	7.23
70.0	10.5	10.5	10.3	10.2	10.1	10.0	9.80	9.59	9.35	9.13	8.92	8.69	8.49	8.11	7.29
75.0	10.5	10.5	10.4	10.3	10.2	10.0	9.89	9.69	9.47	9.26	9.03	8.80	8.59	8.25	7.25
80.0	10.5	10.1	9.76	10.0	10.2	10.1	9.96	9.78	9.57	9.29	9.03	8.77	8.54	8.14	7.11
85.0	10.4	9.37	9.08	9.03	9.79	10.0	9.79	9.56	9.29	9.03	8.81	8.58	8.37	7.94	6.92
90.0	9.55	9.00	8.32	7.47	8.95	9.57	9.40	9.22	9.00	8.75	8.57	8.37	8.17	7.72	6.72
95.0	8.17	8.34	6.60	6.64	8.27	9.07	8.91	8.74	8.56	8.26	8.07	7.89	7.63	7.11	6.08
100.0	7.77	6.26	5.66	7.59	8.76	8.53	8.39	8.26	8.10	7.73	7.57	7.38	7.06	6.46	5.48
105.0	5.75	5.81	7.21	8.42	8.25	8.01	7.82	7.76	7.51	7.25	7.08	6.83	6.51	5.84	4.97
110.0	7.15	7.08	7.67	8.28	7.46	8.31	7.84	7.32	6.93	6.78	6.54	6.27	6.07	5.28	4.68
115.0	8.20	8.31	8.32	8.22	8.17	8.08	7.70	7.20	6.87	6.47	6.04	5.75	5.55	4.64	4.44
120.0	7.55	7.70	7.74	7.67	7.50	7.33	7.19	7.11	6.71	6.32	6.11	5.91	5.42	4.15	4.57
125.0	6.85	7.02	7.08	6.96	6.78	6.67	6.70	6.60	6.40	6.33	6.29	6.02	5.42	3.86	4.93
130.0	6.35	6.38	6.37	6.36	6.37	6.34	6.25	6.26	6.28	6.30	6.22	5.99	4.94	3.93	4.99
135.0	5.85	5.97	6.09	6.21	6.16	6.11	6.14	6.23	6.14	6.02	5.80	5.34	3.88	4.21	4.42
140.0	5.65	5.74	5.80	5.85	5.92	5.97	5.96	5.85	5.71	5.50	5.11	4.08	3.34	4.16	3.88
145.0	5.17	5.31	5.42	5.50	5.53	5.44	5.38	5.23	5.01	4.64	3.85	2.96	3.38	3.69	3.56
150.0	4.52	4.64	4.71	4.73	4.72	4.65	4.50	4.32	3.92	3.31	2.76	2.95	3.32	3.44	3.40
155.0	3.57	3.66	3.71	3.71	3.67	3.56	3.36	3.01	2.61	2.45	2.67	3.02	3.29	3.41	3.54
160.0	2.67	2.69	2.68	2.62	2.53	2.42	2.33	2.29	2.39	2.68	3.01	3.30	3.43	3.66	4.26
165.0	2.35	2.35	2.36	2.39	2.44	2.54	2.66	2.81	3.02	3.21	3.39	3.62	4.00	4.42	4.82
170.0	2.97	3.01	3.07	3.14	3.23	3.33	3.46	3.60	3.80	4.03	4.24	4.46	4.69	4.86	5.01
175.0	4.45	4.46	4.48	4.51	4.54	4.58	4.63	4.68	4.73	4.79	4.85	4.91	5.00	5.08	5.15
180.0	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20

Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K): 0	DIMENSION:	SERIAL No.:

UNIT: cd

C (deg) γ (deg)	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0.0	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
5.0	6.57	6.55	6.53	6.51	6.50	6.49	6.48	6.46	6.45	6.44	6.44	6.43	6.43	6.42	6.42
10.0	6.63	6.60	6.57	6.53	6.51	6.47	6.46	6.44	6.42	6.42	6.40	6.36	6.33	6.37	6.39
15.0	6.71	6.65	6.60	6.55	6.51	6.47	6.43	6.42	6.36	6.31	6.38	6.37	6.37	6.37	6.39
20.0	6.74	6.64	6.55	6.48	6.44	6.43	6.42	6.33	6.40	6.39	6.38	6.38	6.37	6.41	6.45
25.0	6.79	6.64	6.51	6.41	6.39	6.41	6.38	6.45	6.48	6.51	6.52	6.52	6.53	6.53	6.53
30.0	6.74	6.65	6.48	6.35	6.36	6.42	6.47	6.56	6.64	6.66	6.68	6.71	6.73	6.76	6.78
35.0	6.84	6.80	6.68	6.62	6.65	6.64	6.72	6.78	6.84	6.84	6.87	6.91	6.96	7.00	7.06
40.0	6.91	6.89	6.85	6.90	6.93	6.89	6.98	7.03	7.05	7.09	7.12	7.16	7.17	7.26	7.35
45.0	6.87	6.94	7.02	7.17	7.21	7.08	7.22	7.25	7.29	7.33	7.38	7.43	7.51	7.58	7.67
50.0	7.05	7.10	7.26	7.38	7.41	7.39	7.45	7.49	7.54	7.60	7.65	7.75	7.84	7.94	8.04
55.0	7.25	7.29	7.49	7.59	7.60	7.63	7.68	7.74	7.81	7.89	7.97	8.06	8.15	8.27	8.39
60.0	7.35	7.49	7.71	7.80	7.80	7.85	7.91	7.99	8.08	8.19	8.29	8.29	8.45	8.60	8.70
65.0	7.43	7.61	7.85	7.96	7.98	8.03	8.11	8.22	8.34	8.45	8.57	8.64	8.81	8.94	9.04
70.0	7.58	7.72	7.99	8.13	8.15	8.22	8.31	8.41	8.55	8.67	8.66	8.94	9.07	9.23	9.34
75.0	7.75	7.83	8.14	8.29	8.32	8.40	8.50	8.60	8.75	8.89	8.99	9.14	9.25	9.45	9.60
80.0	7.64	7.78	8.13	8.28	8.30	8.41	8.53	8.67	8.83	8.99	9.16	9.33	9.50	9.63	9.78
85.0	7.51	7.72	8.14	8.26	8.29	8.42	8.55	8.68	8.86	9.01	9.20	9.35	9.51	9.63	9.80
90.0	7.40	7.67	8.15	8.25	8.27	8.42	8.57	8.70	8.90	9.02	9.22	9.37	9.52	9.60	9.75
95.0	6.87	7.33	7.62	7.76	8.00	8.21	8.28	8.38	8.60	8.77	8.99	9.17	9.31	9.41	9.52
100.0	6.32	7.01	7.07	7.28	7.73	7.99	8.01	8.07	8.28	8.50	8.75	8.93	9.10	9.17	9.27
105.0	5.78	6.70	6.49	6.80	7.46	7.77	7.76	7.77	7.97	8.23	8.48	8.61	8.77	8.72	8.88
110.0	5.74	6.13	5.61	6.81	7.40	7.68	7.65	7.55	7.65	7.96	8.19	8.36	8.43	8.59	8.61
115.0	5.79	5.45	4.75	6.83	7.35	7.59	7.55	7.35	7.35	7.68	7.87	8.16	8.47	8.78	8.96
120.0	5.75	4.58	3.97	6.85	7.29	7.50	7.48	7.30	7.38	7.68	7.98	8.30	8.57	8.91	9.26
125.0	5.09	4.09	4.18	6.79	7.31	7.55	7.58	7.45	7.50	7.78	8.07	8.38	8.70	8.88	8.93
130.0	4.31	3.81	4.52	6.73	7.31	7.57	7.67	7.56	7.64	7.88	8.11	8.27	8.42	8.55	8.69
135.0	3.65	3.61	4.93	6.67	7.29	7.59	7.71	7.61	7.64	7.77	7.93	8.02	8.03	8.24	8.37
140.0	3.53	3.89	5.39	6.61	7.11	7.42	7.62	7.60	7.59	7.65	7.70	7.87	7.89	7.93	8.09
145.0	3.46	4.42	5.81	6.55	6.94	7.27	7.46	7.54	7.56	7.58	7.62	7.59	7.72	7.72	7.82
150.0	3.76	5.15	6.12	6.50	6.75	7.02	7.13	7.36	7.41	7.43	7.43	7.45	7.46	7.48	7.52
155.0	4.39	5.37	5.97	6.28	6.47	6.70	6.85	6.99	7.08	7.15	7.18	7.23	7.23	7.26	7.26
160.0	4.92	5.40	5.80	6.06	6.23	6.39	6.50	6.51	6.70	6.77	6.82	6.89	6.92	6.96	6.97
165.0	5.11	5.37	5.64	5.85	6.01	6.08	6.18	6.24	6.29	6.30	6.42	6.47	6.50	6.53	6.56
170.0	5.18	5.36	5.50	5.63	5.74	5.80	5.85	5.91	5.97	6.00	6.05	6.04	6.01	6.08	6.11
175.0	5.23	5.29	5.35	5.41	5.46	5.51	5.54	5.56	5.58	5.61	5.64	5.65	5.67	5.68	5.68
180.0	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20	5.20

Test System:HOPOO HPG1900
 Temperature:25.3'C
 Operators:
 Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:5.000 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: NORDECOR															
Address:															
NAME: 6652								TYPE:				WEIGHT:			
SPECIFICATION: 12W				CCT (K) : 0				DIMENSION:				SERIAL No.:			

UNIT: cd

C (deg) γ (deg)	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220
0.0	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
5.0	6.42	6.42	6.42	6.42	6.42	6.42	6.42	6.43	6.43	6.44	6.44	6.45	6.45	6.46	6.46
10.0	6.40	6.41	6.41	6.41	6.41	6.42	6.42	6.44	6.46	6.48	6.50	6.52	6.53	6.53	6.54
15.0	6.42	6.43	6.45	6.47	6.49	6.51	6.52	6.55	6.57	6.59	6.61	6.62	6.63	6.65	6.66
20.0	6.50	6.53	6.57	6.60	6.63	6.65	6.67	6.70	6.74	6.77	6.79	6.80	6.81	6.79	6.79
25.0	6.61	6.67	6.73	6.80	6.85	6.89	6.92	6.95	6.98	6.99	6.99	7.00	6.98	6.98	7.02
30.0	6.81	6.86	6.96	7.03	7.09	7.14	7.17	7.20	7.22	7.23	7.24	7.20	7.22	7.22	7.22
35.0	7.11	7.16	7.21	7.32	7.39	7.44	7.47	7.50	7.52	7.51	7.48	7.47	7.46	7.47	7.44
40.0	7.40	7.50	7.55	7.63	7.71	7.78	7.82	7.83	7.82	7.80	7.77	7.76	7.74	7.71	7.67
45.0	7.79	7.88	7.92	7.95	8.05	8.12	8.15	8.15	8.13	8.07	8.06	8.04	8.00	7.96	7.89
50.0	8.13	8.23	8.30	8.34	8.40	8.47	8.50	8.47	8.42	8.38	8.35	8.32	8.26	8.16	8.09
55.0	8.50	8.59	8.68	8.71	8.71	8.77	8.80	8.76	8.69	8.66	8.63	8.55	8.45	8.35	8.26
60.0	8.84	8.94	9.02	9.06	9.05	9.08	9.09	9.03	8.96	8.93	8.87	8.76	8.64	8.53	8.41
65.0	9.15	9.24	9.32	9.39	9.36	9.36	9.37	9.29	9.22	9.19	9.09	8.96	8.82	8.67	8.54
70.0	9.45	9.52	9.60	9.66	9.66	9.61	9.65	9.50	9.48	9.39	9.27	9.12	8.97	8.76	8.67
75.0	9.69	9.76	9.83	9.86	9.88	9.83	9.84	9.69	9.65	9.54	9.39	9.22	9.05	8.86	8.68
80.0	9.87	9.95	10.0	9.65	9.45	9.68	9.97	9.86	9.77	9.64	9.42	9.20	9.01	8.83	8.67
85.0	9.93	9.97	9.66	8.63	8.91	9.07	10.0	9.87	9.65	9.45	9.27	9.10	8.93	8.78	8.60
90.0	9.87	9.57	8.65	7.32	8.65	8.90	9.37	8.70	8.70	9.09	9.04	8.97	8.82	8.70	8.52
95.0	9.59	9.21	8.21	6.48	7.02	8.47	8.42	6.92	7.18	8.27	8.31	8.27	7.99	8.08	7.98
100.0	9.33	9.20	8.40	6.98	6.33	6.77	7.67	6.22	7.00	7.61	7.28	7.37	7.13	7.31	7.43
105.0	9.05	8.96	8.85	8.20	6.64	6.08	6.35	6.55	7.21	8.23	7.55	6.83	6.25	6.42	6.57
110.0	9.20	8.20	8.59	8.41	7.99	7.22	7.05	7.05	7.49	7.67	7.93	7.25	6.64	6.22	5.75
115.0	9.45	9.63	8.86	9.04	8.56	8.26	8.34	8.38	8.31	8.46	8.21	8.46	7.65	7.19	6.40
120.0	9.37	9.42	9.43	9.40	9.38	9.33	9.60	9.24	8.94	8.83	8.61	8.25	8.21	7.87	7.09
125.0	9.11	9.10	9.17	9.14	9.09	9.05	9.35	9.09	8.79	8.61	8.46	8.25	8.00	7.70	7.38
130.0	8.61	8.89	8.89	8.84	8.81	8.76	9.12	8.88	8.60	8.38	8.23	8.03	7.81	7.53	7.23
135.0	8.39	8.56	8.51	8.56	8.53	8.48	8.87	8.65	8.41	8.14	7.98	7.80	7.58	7.34	7.08
140.0	8.12	8.19	8.23	8.23	8.20	8.16	8.60	8.39	8.16	7.94	7.72	7.54	7.35	7.16	6.92
145.0	7.78	7.87	7.88	7.89	7.85	7.78	8.12	8.00	7.87	7.69	7.46	7.29	7.12	6.95	6.73
150.0	7.53	7.54	7.56	7.54	7.50	7.46	7.92	7.78	7.63	7.46	7.28	7.08	6.89	6.73	6.57
155.0	7.26	7.23	7.20	7.21	7.18	7.15	7.62	7.50	7.37	7.22	7.07	6.91	6.72	6.56	6.43
160.0	6.96	6.95	6.93	6.90	6.86	6.82	7.35	7.24	7.14	7.02	6.90	6.75	6.62	6.46	6.29
165.0	6.57	6.56	6.55	6.53	6.50	6.47	7.05	6.96	6.87	6.77	6.66	6.56	6.45	6.31	6.18
170.0	6.11	6.11	6.10	6.08	6.06	6.03	6.67	6.61	6.55	6.48	6.41	6.33	6.24	6.15	6.05
175.0	5.68	5.68	5.67	5.66	5.65	5.64	6.27	6.24	6.21	6.18	6.15	6.11	6.07	6.04	6.00
180.0	5.20	5.20	5.20	5.20	5.20	5.20	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95

Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K) : 0	DIMENSION:	SERIAL No.:

UNIT: cd

C (deg) γ (deg)	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
5.0	6.47	6.48	6.49	6.50	6.52	6.54	6.55	6.57	6.59	6.61	6.64	6.66	6.68	6.69	6.70
10.0	6.55	6.55	6.54	6.54	6.54	6.55	6.58	6.62	6.68	6.73	6.79	6.83	6.88	6.92	6.95
15.0	6.67	6.69	6.70	6.69	6.66	6.61	6.62	6.66	6.75	6.85	6.94	7.03	7.10	7.15	7.22
20.0	6.81	6.79	6.78	6.80	6.84	6.85	6.85	6.90	7.00	7.11	7.22	7.32	7.39	7.48	7.55
25.0	7.02	6.94	6.82	6.75	6.84	6.99	7.07	7.16	7.27	7.38	7.50	7.60	7.71	7.80	7.91
30.0	7.21	7.25	7.18	6.89	6.71	6.94	7.20	7.40	7.53	7.65	7.77	7.88	8.00	8.14	8.25
35.0	7.44	7.41	7.42	7.37	7.01	7.06	7.41	7.64	7.79	7.93	8.06	8.19	8.32	8.45	8.58
40.0	7.63	7.53	7.18	7.44	7.54	7.44	7.68	7.87	8.06	8.21	8.35	8.49	8.63	8.77	8.88
45.0	7.82	7.75	7.35	6.86	7.73	7.86	8.02	8.08	8.34	8.50	8.64	8.77	8.92	9.06	9.17
50.0	8.01	7.93	7.79	6.80	7.52	8.08	8.22	8.33	8.49	8.65	8.80	8.95	9.11	9.26	9.38
55.0	8.18	7.97	7.56	7.65	7.60	8.22	8.38	8.52	8.65	8.80	8.95	9.11	9.25	9.40	9.53
60.0	8.30	8.13	7.51	7.43	8.08	8.40	8.54	8.67	8.81	8.95	9.11	9.25	9.40	9.52	9.65
65.0	8.42	8.27	7.59	6.80	8.37	8.47	8.56	8.68	8.80	8.93	9.09	9.23	9.38	9.51	9.65
70.0	8.52	8.29	7.62	7.11	8.23	8.49	8.57	8.68	8.80	8.91	9.07	9.20	9.32	9.44	9.55
75.0	8.53	8.27	7.63	7.40	8.06	8.51	8.59	8.68	8.80	8.90	9.04	9.16	9.26	9.36	9.45
80.0	8.51	8.26	7.60	7.31	7.78	8.17	8.25	8.39	8.50	8.59	8.70	8.81	8.91	9.00	9.12
85.0	8.43	8.19	7.55	7.12	7.52	7.77	7.86	8.08	8.20	8.28	8.36	8.44	8.52	8.59	8.69
90.0	8.34	8.10	7.42	6.97	7.30	7.37	7.47	7.77	7.90	7.97	8.02	8.07	8.12	8.17	8.25
95.0	7.84	7.61	7.11	6.69	6.64	6.54	6.67	6.91	7.22	7.16	7.02	7.20	7.38	7.44	7.60
100.0	7.32	7.10	6.77	6.38	5.95	5.71	5.86	6.06	6.54	6.35	6.01	6.32	6.62	6.73	6.95
105.0	6.50	6.42	6.25	5.92	5.27	4.97	5.06	5.25	5.85	5.55	5.01	5.40	5.79	6.01	6.21
110.0	5.57	5.69	5.57	5.31	4.86	4.66	4.61	4.69	4.91	4.76	4.36	3.99	4.35	5.17	5.26
115.0	5.83	5.30	4.88	4.71	4.46	4.33	4.16	4.10	3.97	3.98	3.76	2.60	2.80	4.28	4.30
120.0	6.48	5.92	5.39	4.95	4.54	4.20	3.86	3.52	3.06	3.20	3.24	1.44	1.43	3.26	3.66
125.0	7.01	6.45	5.94	5.47	5.06	4.69	4.32	3.96	3.59	3.62	3.55	2.15	1.69	2.43	3.07
130.0	6.95	6.66	6.36	5.95	5.54	5.13	4.76	4.41	4.12	4.05	3.80	2.91	2.20	1.89	2.17
135.0	6.82	6.55	6.27	5.99	5.70	5.40	5.10	4.83	4.62	4.47	4.03	3.55	2.88	2.00	1.67
140.0	6.66	6.43	6.17	5.92	5.65	5.38	5.09	4.83	4.64	4.50	4.15	3.74	3.31	2.59	2.00
145.0	6.52	6.29	6.06	5.84	5.58	5.32	5.07	4.83	4.66	4.54	4.26	3.92	3.62	3.19	2.64
150.0	6.38	6.21	6.00	5.77	5.54	5.28	5.06	4.83	4.69	4.57	4.38	4.10	3.85	3.57	3.21
155.0	6.27	6.09	5.90	5.71	5.51	5.31	5.11	4.95	4.81	4.68	4.51	4.28	4.03	3.81	3.53
160.0	6.10	5.95	5.79	5.65	5.49	5.34	5.18	5.04	4.92	4.79	4.63	4.43	4.26	4.06	3.85
165.0	6.05	5.91	5.77	5.64	5.51	5.38	5.26	5.13	5.04	4.90	4.76	4.61	4.49	4.39	4.27
170.0	5.94	5.88	5.81	5.72	5.64	5.55	5.47	5.41	5.34	5.25	5.16	5.07	4.98	4.89	4.83
175.0	5.95	5.91	5.86	5.83	5.79	5.75	5.72	5.68	5.64	5.60	5.55	5.51	5.48	5.44	5.40
180.0	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95

Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER: NORDECOR			
Address:			
NAME: 6652		TYPE:	WEIGHT:
SPECIFICATION: 12W	CCT (K) : 0	DIMENSION:	SERIAL No.:

UNIT: cd

C (deg) γ (deg)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
5.0	6.72	6.74	6.75	6.75	6.76	6.76	6.76	6.76	6.76	6.75	6.74	6.73
10.0	6.98	7.02	7.05	7.07	7.08	7.09	7.10	7.11	7.11	7.10	7.09	7.07
15.0	7.28	7.33	7.38	7.42	7.45	7.48	7.50	7.49	7.48	7.47	7.44	7.41
20.0	7.62	7.69	7.75	7.78	7.85	7.87	7.88	7.91	7.90	7.88	7.84	7.80
25.0	8.00	8.06	8.14	8.19	8.25	8.26	8.29	8.31	8.31	8.29	8.26	8.21
30.0	8.34	8.43	8.50	8.57	8.63	8.67	8.69	8.72	8.72	8.68	8.64	8.58
35.0	8.67	8.75	8.85	8.92	8.97	9.04	9.07	9.07	9.10	9.07	9.02	8.95
40.0	8.98	9.09	9.16	9.24	9.30	9.36	9.41	9.43	9.45	9.43	9.38	9.31
45.0	9.27	9.37	9.46	9.53	9.60	9.65	9.71	9.73	9.74	9.76	9.69	9.62
50.0	9.52	9.63	9.72	9.79	9.84	9.90	9.95	9.99	10.0	10.0	9.98	9.92
55.0	9.65	9.76	9.87	9.99	10.0	10.1	10.1	10.2	10.2	10.2	10.2	10.1
60.0	9.75	9.85	9.96	10.0	10.1	10.2	10.3	10.3	10.3	10.4	10.4	10.3
65.0	9.78	9.92	10.0	10.1	10.1	10.2	10.4	10.4	10.5	10.5	10.5	10.4
70.0	9.68	9.80	9.92	10.0	10.1	10.2	10.3	10.4	10.5	10.5	10.5	10.5
75.0	9.57	9.67	9.77	9.88	9.98	10.1	10.2	10.3	10.4	10.5	10.5	10.5
80.0	9.24	9.38	9.51	9.65	9.78	9.88	10.0	10.1	10.2	10.3	10.3	10.4
85.0	8.78	8.91	9.03	9.16	9.29	9.44	9.59	9.75	9.91	10.0	10.0	10.2
90.0	8.32	8.42	8.55	8.65	8.77	8.90	9.02	9.15	9.25	9.35	8.70	8.77
95.0	7.67	7.78	7.88	7.99	8.10	8.22	8.34	8.40	8.44	8.17	6.69	7.49
100.0	7.02	7.12	7.21	7.32	7.40	7.40	7.17	7.35	7.07	6.98	6.64	5.98
105.0	6.30	6.36	6.41	6.43	6.39	6.30	5.84	6.57	6.78	7.27	6.41	6.01
110.0	5.44	5.51	5.54	5.53	5.43	5.70	6.20	6.74	7.63	7.40	7.97	7.55
115.0	4.52	4.66	4.83	5.10	5.42	5.86	6.46	6.87	7.05	7.21	7.53	7.72
120.0	3.99	4.31	4.61	4.95	5.34	5.81	6.03	6.20	6.35	6.66	6.89	7.05
125.0	3.46	4.00	4.28	4.70	5.00	5.29	5.45	5.49	5.79	6.09	6.31	6.37
130.0	2.80	3.50	3.83	4.20	4.44	4.72	4.97	5.16	5.34	5.61	5.76	5.78
135.0	2.26	2.79	3.37	3.68	3.95	4.06	4.48	4.84	5.01	5.11	5.28	5.44
140.0	1.82	2.08	2.62	3.06	3.42	3.80	4.07	4.34	4.62	4.85	5.00	5.09
145.0	2.07	1.76	1.86	2.36	2.84	3.19	3.50	3.79	4.07	4.30	4.47	4.62
150.0	2.70	2.22	1.93	1.87	2.07	2.39	2.71	3.03	3.24	3.45	3.63	3.77
155.0	3.21	2.88	2.51	2.25	2.07	2.01	2.05	2.19	2.36	2.53	2.68	2.80
160.0	3.61	3.37	3.14	2.94	2.65	2.43	2.25	2.11	2.06	2.05	2.06	2.08
165.0	4.10	3.95	3.85	3.70	3.52	3.32	3.12	2.95	2.79	2.65	2.53	2.44
170.0	4.78	4.71	4.64	4.56	4.33	4.20	4.29	4.37	4.33	4.32	4.32	4.33
175.0	5.36	5.33	5.30	5.28	5.27	5.26	5.27	5.27	5.28	5.30	5.32	5.34
180.0	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95

Test System:HOPOO HPG1900
Temperature:25.3'C
Operators:
Test Date:2025年03月19日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:5.000 m
Remarks: