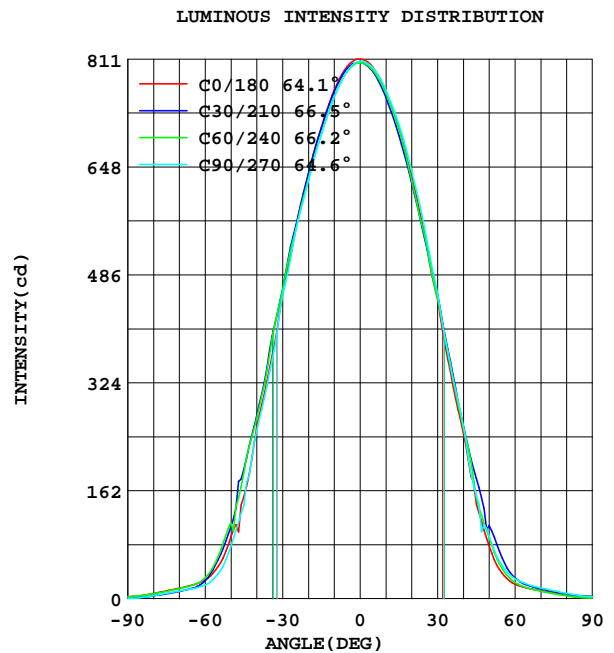
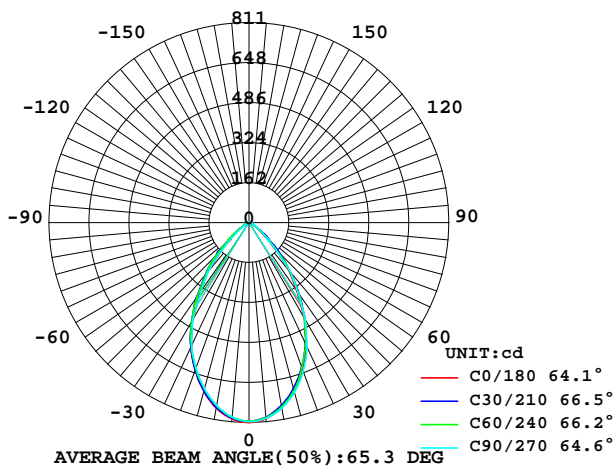


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: MEL-241200W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	825.9	Effective Flux(lm):	979.4
NOMINAL POWER(W):	24	MAXIMUM(C, g):	120, 0.0	EEI	0.307
RATED VOLTAGE(V):	120	EFFICIENCY(%):	100.0	Voltage(V)	120.3
NOMINAL FLUX(lm):	979.4	h street_up(%):	0.6	Current(A)	0.199
TEST FLUX(lm):	979.4	h street_down(%):	49.6	Power(W)	23.17
LAMPS QUANTITY:	1	h house_up(%):	0.7	Power Factor	0.964
TOTAL RADIANT(mw):	979.4	h house_down(%):	49.1	EEFICIENCY(lm/W)	42.3



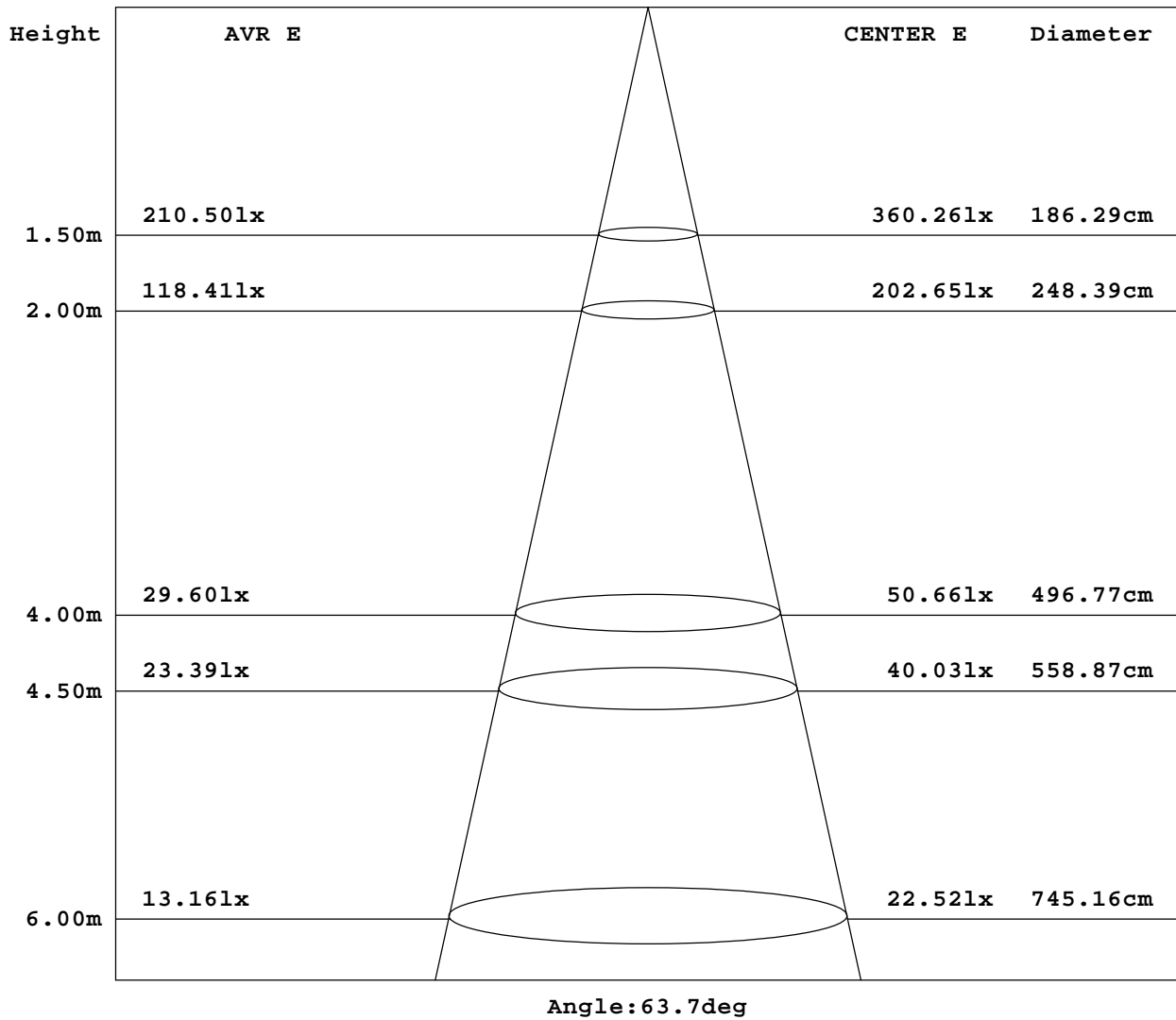
Test System:HOPPO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: MEL-241200W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 5.900 m
Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: MEL-241200W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tStal
5.0	799.2	793.8	792.6	811.4	797.9	792.5	796.6	810.7	0- 5	19.28	19.28
10.0	764.0	757.7	753.8	775.6	761.5	756.5	764.7	774.5	5- 10	55.95	75.23
15.0	708.5	702.8	696.8	719.5	706.7	700.6	712.4	718.5	10- 15	87.36	162.6
20.0	635.8	634.1	627.6	649.1	633.7	625.5	642.8	648.6	15- 20	110.9	273.5
25.0	554.8	555.7	551.8	567.8	549.2	543.4	557.2	564.4	20- 25	125.1	398.7
30.0	458.5	465.1	456.1	473.7	449.4	453.6	457.7	472.2	25- 30	128.7	527.4
35.0	346.6	369.9	341.0	370.6	340.9	351.9	352.2	372.2	30- 35	120.3	647.7
40.0	258.3	273.4	252.5	270.3	249.4	258.7	260.5	272.5	35- 40	103.0	750.8
45.0	153.8	192.7	140.6	191.3	141.8	165.9	155.1	188.9	40- 45	80.75	831.5
50.0	92.38	110.8	78.74	100.7	79.22	100.6	94.09	107.8	45- 50	52.68	884.2
55.0	48.17	60.84	37.31	58.27	38.60	53.71	50.23	58.91	50- 55	32.52	916.7
60.0	28.30	29.31	20.67	28.84	21.89	27.91	30.11	29.55	55- 60	17.84	934.6
65.0	20.43	17.85	15.07	18.20	15.59	17.94	21.33	18.64	60- 65	10.71	945.3
70.0	15.73	13.08	11.48	13.33	11.93	13.08	16.15	13.47	65- 70	7.933	953.2
75.0	11.80	9.207	8.075	9.224	8.424	9.189	11.97	9.276	70- 75	5.988	959.2
80.0	7.832	5.830	4.455	5.674	4.803	5.813	7.971	5.761	75- 80	4.106	963.3
85.0	4.629	3.219	1.601	3.098	1.984	3.359	4.629	3.341	80- 85	2.434	965.8
90.0	2.993	1.949	0.627	1.949	1.009	2.367	3.098	2.419	85- 90	1.385	967.1
95.0	2.680	1.618	0.592	1.636	1.009	1.966	2.819	2.088	90- 95	1.048	968.2
100.0	2.471	1.531	0.627	1.549	1.009	1.723	2.575	1.984	95-100	0.945	969.1
105.0	2.401	1.462	0.627	1.462	1.009	1.583	2.436	1.984	100-105	0.885	970.0
110.0	2.193	1.409	0.696	1.427	0.975	1.514	2.262	2.001	105-110	0.831	970.9
115.0	2.088	1.409	0.766	1.427	1.009	1.496	2.088	2.071	110-115	0.789	971.6
120.0	2.053	1.444	0.870	1.462	1.113	1.514	2.053	2.541	115-120	0.779	972.4
125.0	2.088	1.514	1.009	1.531	1.253	1.566	2.053	2.767	120-125	0.796	973.2
130.0	2.123	1.618	1.183	1.670	1.427	1.688	2.123	1.897	125-130	0.775	974.0
135.0	2.262	1.792	1.392	1.844	1.636	1.827	2.262	1.879	130-135	0.720	974.7
140.0	2.436	1.984	1.636	2.036	1.914	2.001	2.401	2.053	135-140	0.721	975.4
145.0	2.610	2.193	1.914	2.262	2.158	2.227	2.575	2.280	140-145	0.718	976.1
150.0	2.819	2.419	2.193	2.506	2.436	2.454	2.784	2.506	145-150	0.699	976.8
155.0	2.993	2.662	2.471	2.749	2.715	2.662	2.958	2.732	150-155	0.660	977.5
160.0	3.202	2.871	2.715	2.993	2.958	2.889	3.167	2.958	155-160	0.596	978.1
165.0	3.376	3.080	2.958	3.202	3.237	3.080	3.341	3.167	160-165	0.504	978.6
170.0	3.515	3.254	3.132	3.359	3.446	3.219	3.481	3.324	165-170	0.385	979.0
175.0	3.620	3.167	3.585	3.411	3.585	3.341	3.585	3.411	170-175	0.242	979.2
180.0	3.655	3.376	3.620	3.463	3.655	3.376	3.620	3.463	175-180	0.082	979.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

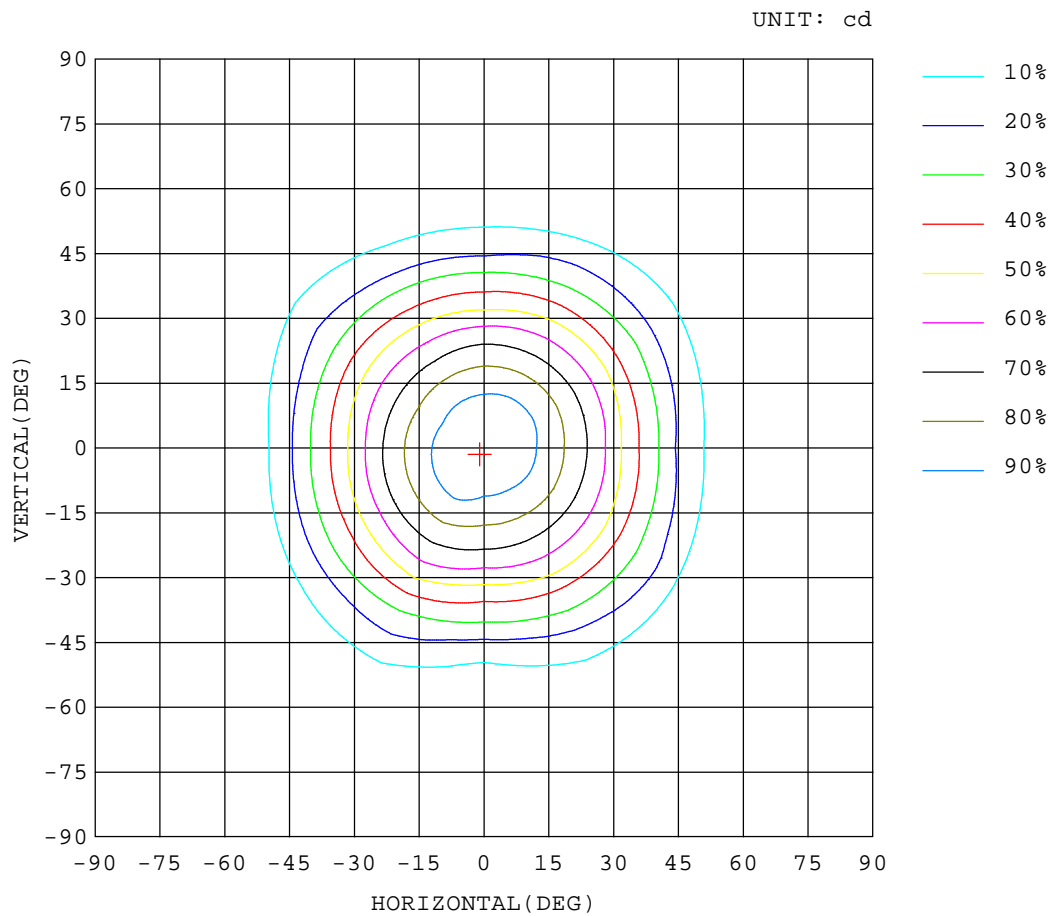
Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: MEL-241200W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System:HOPPO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年01月12日

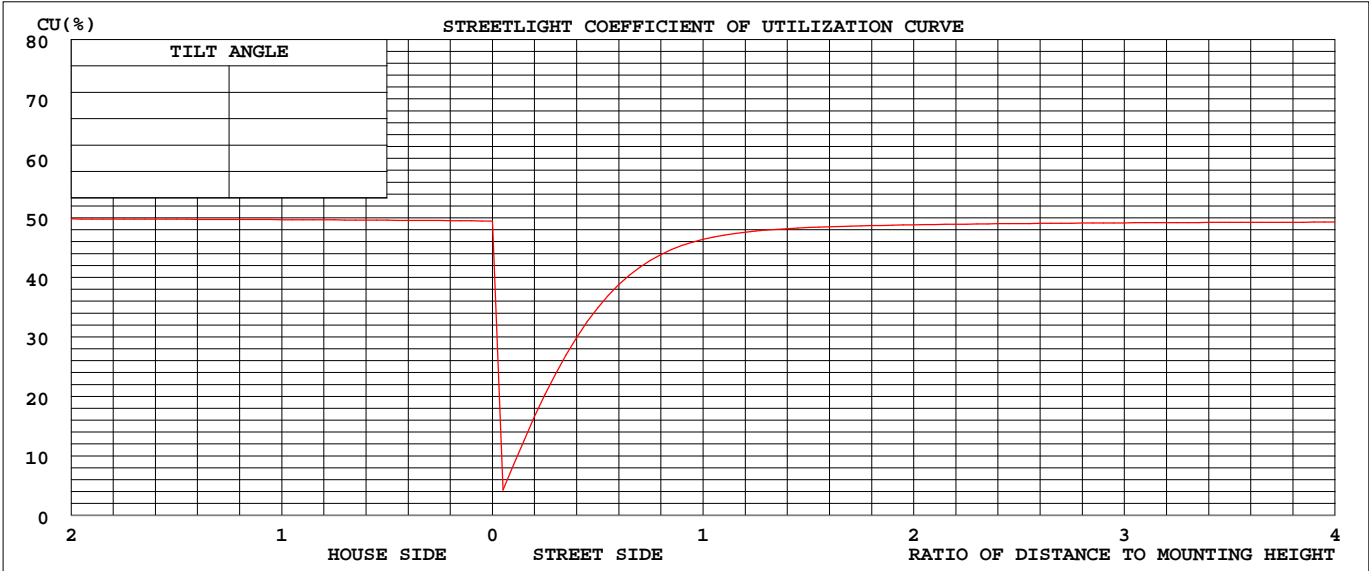
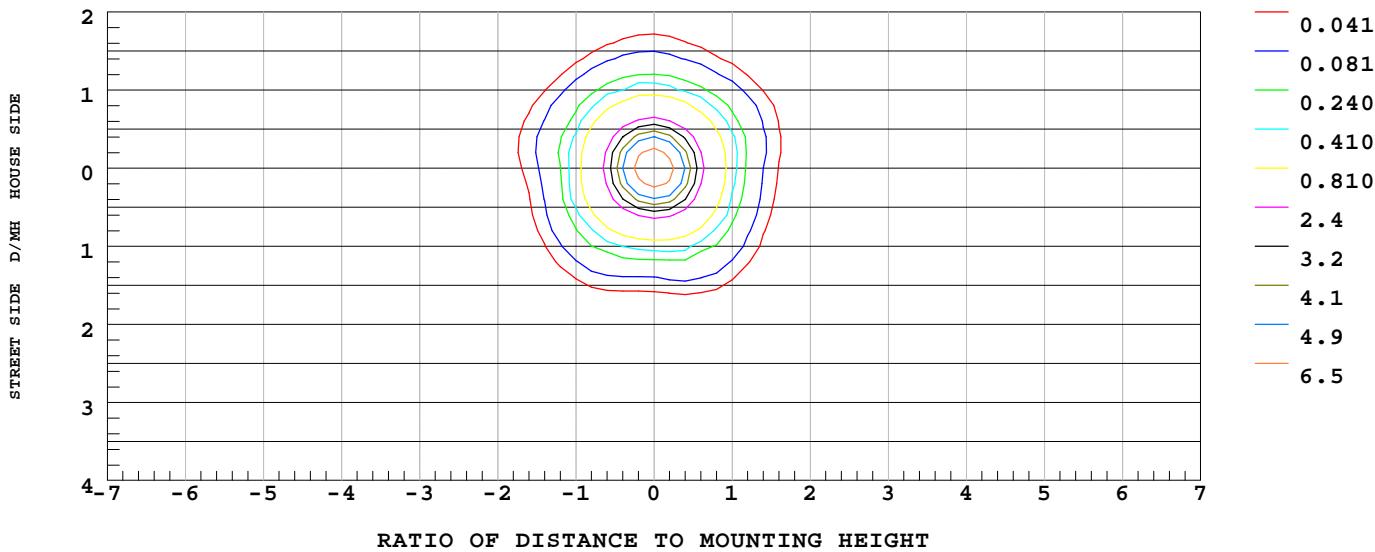
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: MEL-241200W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 8.11 lx



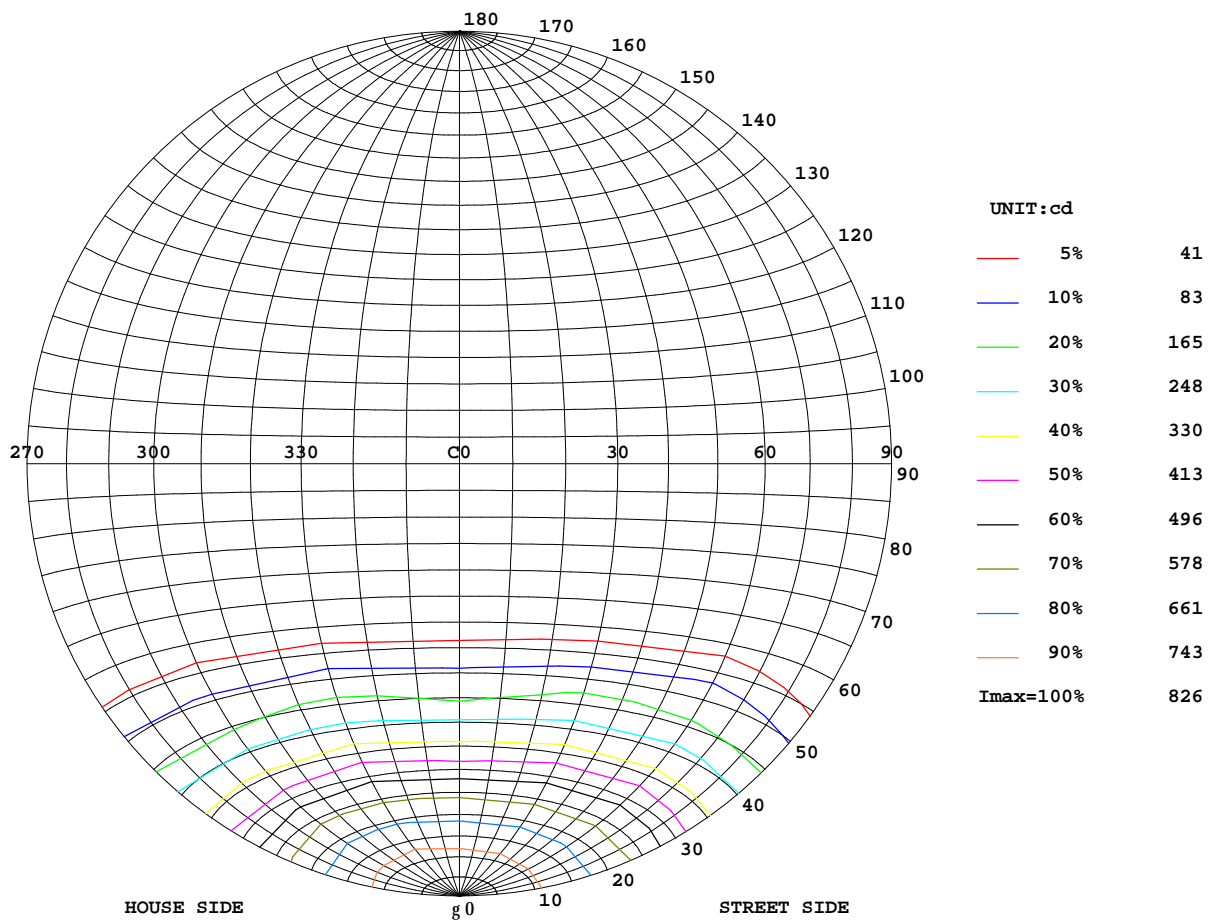
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: MEL-241200W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

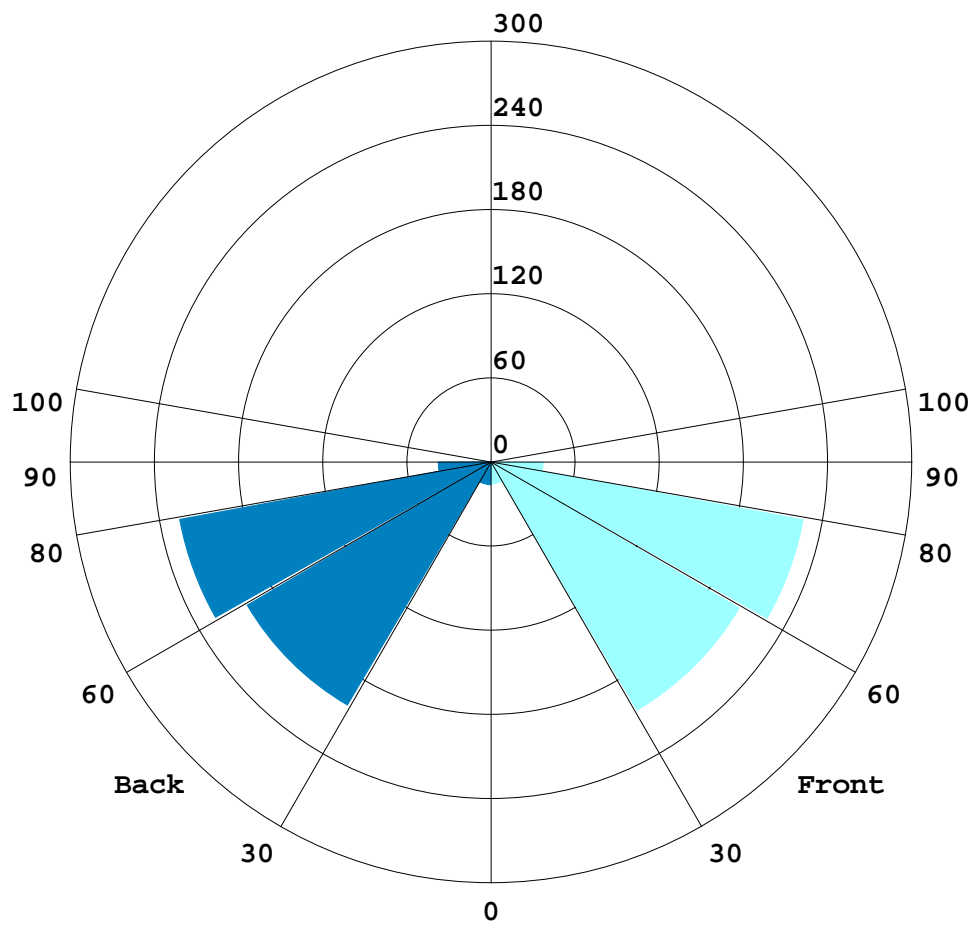
LCS Report

Report number:

MANUFACTURER:			
Address:			
NAME: MEL-241200W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH

Uplight



Test System:HOPPO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

BUG Report

Report number:

MANUFACTURER:			
Address:			
NAME: MEL-241200W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

IESNA Luminaire Flux Distribution Table

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	16.1	1.6
FM - Front-Medium(30-60)	205.6	21.0
FH - Front-High(60-80)	226.6	23.1
FVH - Front-VeryHigh(80-90)	37.6	3.8
Total Forward Light	485.9	49.6

BL - Back-Low(0-30)	16.5	1.7
BM - Back-Medium(30-60)	201.6	20.6
BH - Back-High(60-80)	225.6	23.0
BVH - Back-VeryHigh(80-90)	37.6	3.8
Total Back Light	481.3	49.1

UL - Uplight-Low(90-100)	0.0	0.0
UH - Uplight-High(100-180)	12.2	1.2
Total UpLight	12.2	1.2

BUG(Back,Up,Glare) Rating	B1-U2-G1
---------------------------	----------

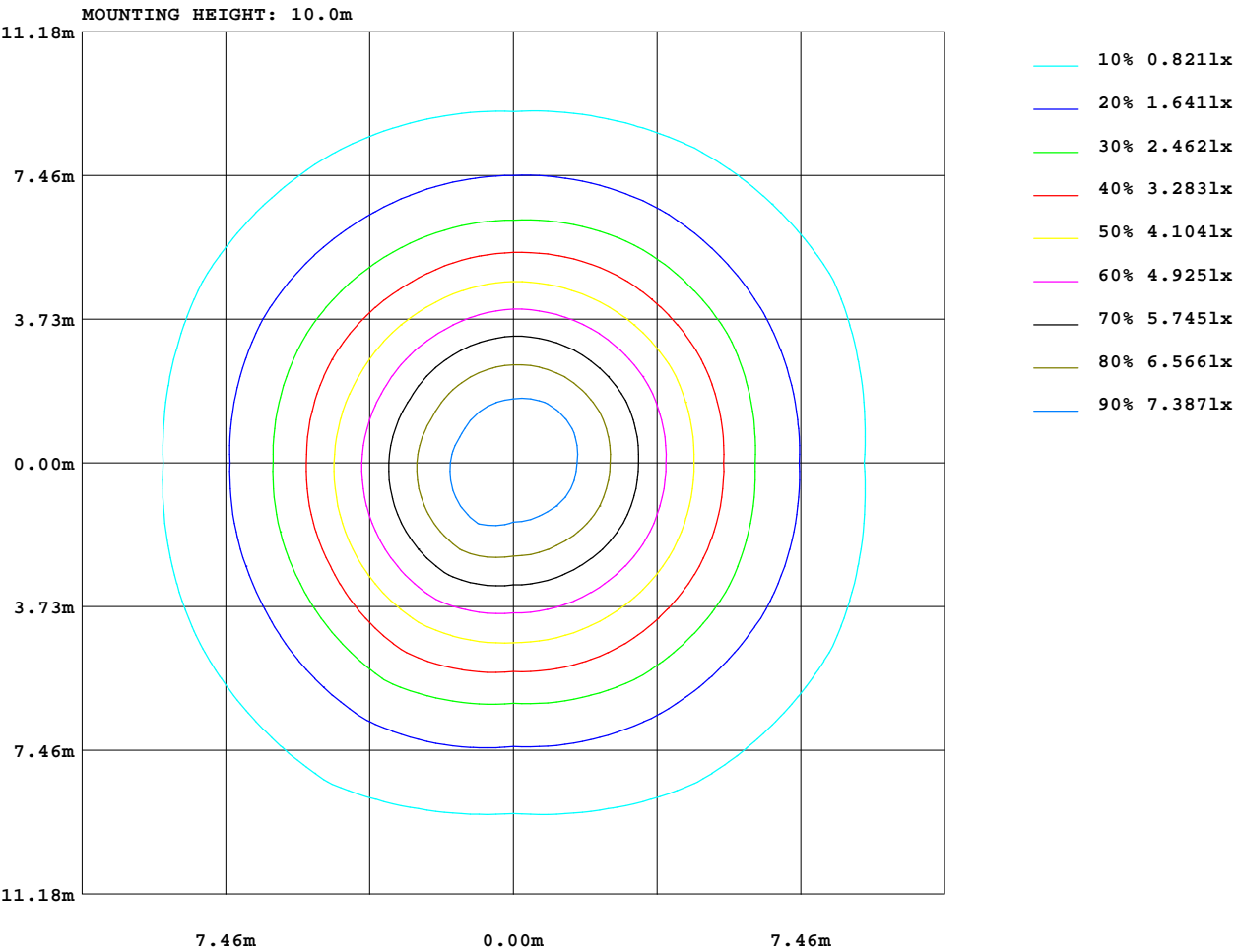
Test System:HOPPO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: MEL-241200W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



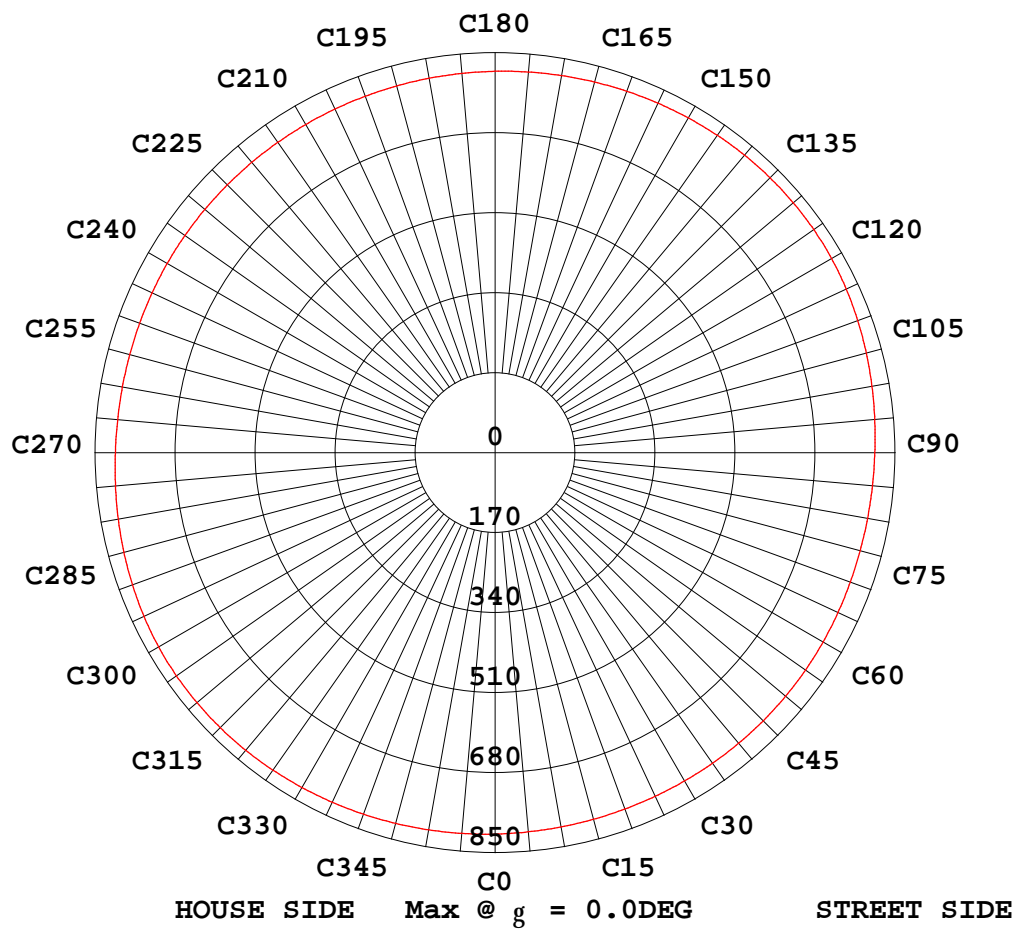
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: MEL-241200W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System:HOPPO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																		
Address:																		
NAME: MEL-241200W										TYPE:					WEIGHT:			
SPECIFICATION:					CCT(K): 3000					DIMENSION:					SERIAL No.:			

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm			Φ t	Φ a
	0.00	0.02	0.05	0.07	0.07	0.06	0.07	0.10	0.14	0.14	0.10	0.07	0.06	0.07	0.07	0.05	0.03	0.01	1.14	1.14		
90	0.00	0.02	0.06	0.11	0.14	0.16	0.20	0.28	0.34	0.34	0.27	0.19	0.15	0.14	0.11	0.07	0.03	0.01	2.61	2.61		
80	0.01	0.03	0.09	0.17	0.24	0.31	0.39	0.52	0.63	0.63	0.52	0.39	0.31	0.25	0.18	0.10	0.04	0.01	4.83	4.83		
70	0.01	0.04	0.12	0.25	0.38	0.58	0.86	1.26	1.57	1.62	1.38	0.96	0.61	0.40	0.26	0.14	0.05	0.01	10.5	10.5		
60	0.01	0.05	0.15	0.33	0.69	1.47	2.56	3.87	4.74	4.87	4.27	2.94	1.60	0.73	0.36	0.18	0.07	0.01	28.9	28.9		
50	0.01	0.06	0.18	0.44	1.42	3.29	6.07	8.76	10.4	10.6	9.22	6.52	3.50	1.46	0.49	0.21	0.08	0.01	62.8	62.8		
40	0.01	0.06	0.20	0.61	2.24	5.63	9.82	13.7	16.3	16.5	14.3	10.3	5.94	2.31	0.68	0.24	0.09	0.01	99.1	99.1		
30	0.01	0.07	0.21	0.75	2.97	7.46	12.9	17.7	20.9	21.2	18.4	13.5	7.73	3.10	0.86	0.26	0.09	0.01	128	128		
-30	0.01	0.07	0.21	0.79	3.35	8.45	14.6	20.1	23.4	23.8	20.5	15.0	8.67	3.46	0.94	0.27	0.10	0.02	144	144		
	0.01	0.07	0.21	0.76	3.34	8.46	14.8	20.4	23.8	23.4	20.3	14.9	8.67	3.48	0.93	0.27	0.09	0.01	144	144		
	0.01	0.07	0.20	0.67	2.87	7.47	13.2	18.4	21.1	20.6	18.0	13.3	7.76	3.15	0.83	0.24	0.09	0.01	128	128		
	0.01	0.06	0.18	0.51	1.99	5.67	10.2	14.6	16.5	16.3	14.1	10.2	6.02	2.34	0.63	0.21	0.08	0.01	99.8	99.8		
-40	0.01	0.05	0.15	0.36	1.15	3.32	6.61	9.40	10.5	10.3	9.10	6.61	3.63	1.38	0.41	0.18	0.07	0.01	63.3	63.3		
-50	0.01	0.04	0.12	0.26	0.60	1.58	3.18	4.43	4.81	4.77	4.30	3.09	1.65	0.65	0.27	0.14	0.06	0.01	30.0	30.0		
-60	0.00	0.03	0.09	0.19	0.35	0.65	1.18	1.47	1.40	1.37	1.38	1.08	0.64	0.35	0.19	0.10	0.04	0.01	10.5	10.5		
-70	0.00	0.02	0.06	0.12	0.23	0.37	0.48	0.52	0.50	0.49	0.51	0.48	0.36	0.23	0.13	0.07	0.03	0.01	4.60	4.60		
-80	0.00	0.01	0.03	0.07	0.13	0.21	0.26	0.27	0.26	0.26	0.27	0.26	0.21	0.13	0.07	0.04	0.02	0.01	2.51	2.51		
-90	0.00	0.01	0.01	0.03	0.06	0.10	0.11	0.10	0.07	0.07	0.10	0.11	0.10	0.06	0.03	0.02	0.02	0.01	0.99	0.99		
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																						
Φ t	0.10	0.78	2.33	6.46	22.2	55.2	97.7	136	158	158	137	100	57.6	23.7	7.42	2.79	1.08	0.21	979			
Φ a	0.10	0.78	2.33	6.46	22.2	55.2	97.7	136	158	158	137	100	57.6	23.7	7.42	2.79	1.08	0.21		979		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2023年01月12日

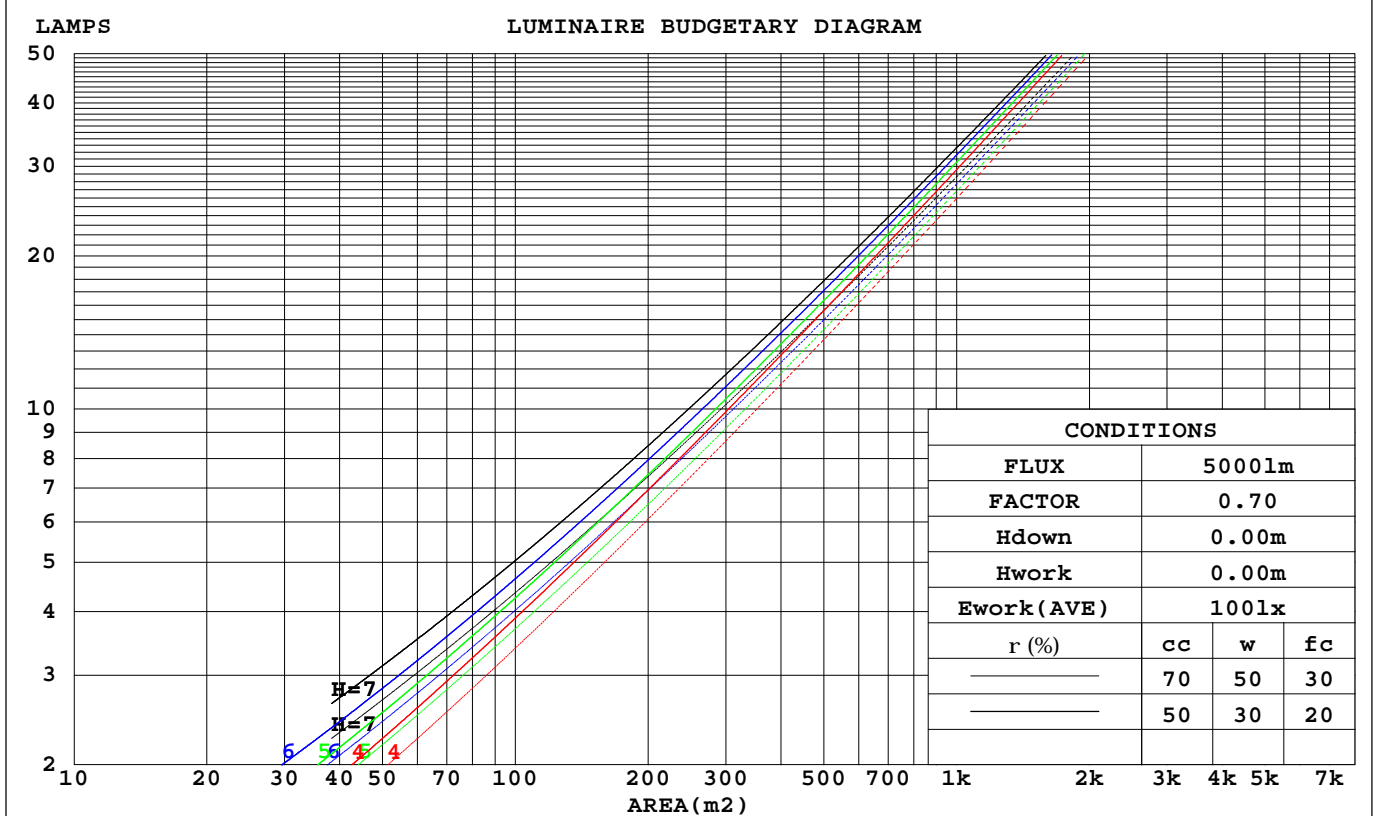
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address:															
NAME: MEL-241200W								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 3000				DIMENSION:				SERIAL No.:			

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

WEC AND CCEC

Report number:

MANUFACTURER:											
Address:											
NAME: MEL-241200W						TYPE:			WEIGHT:		
SPECIFICATION:			CCT(K): 3000			DIMENSION:			SERIAL No.:		

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.210	.119	.038	.202	.115	.037	.189	.108	.035	.177	.102	.033	.165	.096	.031	
2.0	.201	.110	.034	.195	.108	.033	.184	.102	.032	.173	.097	.030	.163	.092	.029	
3.0	.191	.102	.031	.186	.100	.030	.176	.095	.029	.167	.091	.028	.158	.088	.027	
4.0	.182	.094	.028	.177	.093	.027	.168	.089	.027	.160	.086	.026	.152	.083	.025	
5.0	.172	.088	.025	.168	.086	.025	.160	.083	.025	.153	.081	.024	.146	.078	.024	
6.0	.163	.082	.023	.160	.081	.023	.153	.078	.023	.146	.076	.022	.140	.074	.022	
7.0	.155	.077	.022	.152	.076	.022	.146	.074	.021	.140	.072	.021	.135	.070	.021	
8.0	.148	.072	.020	.145	.071	.020	.139	.070	.020	.134	.068	.020	.129	.066	.019	
9.0	.141	.068	.019	.138	.067	.019	.133	.066	.019	.128	.064	.018	.124	.063	.018	
10.0	.134	.064	.018	.132	.064	.018	.127	.062	.018	.123	.061	.017	.119	.060	.017	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.200	.200	.200	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.183	.167	.152	.157	.143	.131	.107	.098	.090	.062	.057	.053	.020	.018	.017	
2.0	.170	.142	.119	.145	.122	.102	.100	.085	.071	.057	.049	.042	.018	.016	.014	
3.0	.159	.123	.095	.136	.106	.082	.094	.074	.058	.054	.043	.034	.017	.014	.011	
4.0	.150	.109	.078	.129	.094	.068	.088	.066	.048	.051	.039	.028	.016	.013	.009	
5.0	.142	.098	.066	.122	.085	.057	.084	.059	.040	.049	.035	.024	.016	.011	.008	
6.0	.135	.089	.056	.116	.077	.049	.080	.054	.035	.046	.032	.021	.015	.010	.007	
7.0	.129	.082	.049	.111	.071	.043	.077	.050	.030	.044	.029	.018	.014	.010	.006	
8.0	.123	.076	.043	.106	.066	.038	.073	.046	.027	.043	.027	.016	.014	.009	.005	
9.0	.118	.071	.039	.102	.061	.034	.070	.043	.024	.041	.026	.014	.013	.008	.005	
10.0	.113	.067	.035	.098	.058	.031	.068	.041	.022	.039	.024	.013	.013	.008	.004	

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

UGR Table

Report number:

MANUFACTURER:										
Address:										
NAME: MEL-241200W						TYPE:		WEIGHT:		
SPECIFICATION:			CCT(K): 3000			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	23.4	24.6	23.7	24.8	25.0	23.4	24.5	23.7	24.7	24.9
3H	23.5	24.5	23.8	24.7	24.9	23.4	24.4	23.7	24.6	24.9
4H	23.5	24.5	23.8	24.7	25.0	23.4	24.3	23.7	24.6	24.9
6H	23.5	24.4	23.9	24.7	25.0	23.4	24.3	23.7	24.5	24.8
8H	23.5	24.4	23.9	24.7	25.0	23.3	24.2	23.7	24.5	24.8
12H	23.6	24.4	23.9	24.7	25.0	23.3	24.1	23.7	24.4	24.7
4H 2H	23.3	24.3	23.6	24.5	24.8	23.3	24.2	23.6	24.5	24.7
3H	23.4	24.2	23.7	24.5	24.8	23.3	24.2	23.7	24.5	24.8
4H	23.5	24.2	23.8	24.5	24.9	23.4	24.2	23.8	24.5	24.8
6H	23.5	24.2	23.9	24.6	24.9	23.5	24.1	23.9	24.5	24.8
8H	23.6	24.2	24.0	24.6	25.0	23.5	24.1	23.9	24.4	24.8
12H	23.6	24.2	24.1	24.6	25.0	23.4	24.0	23.9	24.4	24.8
8H 4H	23.4	24.0	23.8	24.4	24.8	23.4	24.0	23.8	24.3	24.7
6H	23.5	24.0	24.0	24.4	24.9	23.5	24.0	23.9	24.4	24.8
8H	23.6	24.0	24.1	24.5	24.9	23.5	24.0	24.0	24.4	24.9
12H	23.7	24.0	24.2	24.5	25.0	23.5	23.9	24.0	24.4	24.9
12H 4H	23.4	23.9	23.8	24.3	24.7	23.3	23.9	23.7	24.3	24.7
6H	23.5	23.9	24.0	24.4	24.8	23.5	23.9	23.9	24.3	24.8
8H	23.6	24.0	24.1	24.4	24.9	23.5	23.9	24.0	24.4	24.9
Variations with the observer position at spacings:										
S = 1.0H	+ 1.8 / - 3.4					+ 1.9 / - 3.6				
1.5H	+ 2.0 / - 2.5					+ 2.2 / - 2.9				
2.0H	+ 3.8 / - 3.6					+ 3.7 / - 3.4				

CIE Pub.117 Corrected 979.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.1)

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:			
Address:			
NAME: MEL-241200W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	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) $k(RI) \times RCR = 5$									
$k = 0.60$	77	69	64	76	68	64	75	68	63	59
0.80	86	78	73	85	77	73	83	77	72	68
1.00	92	85	80	91	84	80	89	84	79	74
1.25	97	90	86	96	90	85	94	88	85	79
1.50	101	94	90	99	94	90	97	92	88	83
2.00	105	99	95	103	98	94	100	96	93	87
2.50	107	102	98	105	101	97	102	98	95	88
3.00	109	105	101	107	103	100	103	100	98	90
4.00	111	108	105	109	106	103	105	103	101	93
5.00	113	110	107	110	108	106	106	104	102	94
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: MEL-241200W		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C(DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	811	805	805	807	826	822	811	805	805	807	826	822
5.0	799	796	791	793	815	808	798	792	794	797	812	810
10.0	764	762	754	754	779	772	762	754	759	765	775	774
15.0	709	707	699	697	724	715	707	696	705	712	719	718
20.0	636	638	630	628	654	644	634	624	627	643	648	649
25.0	555	558	553	552	574	562	549	541	546	557	562	567
30.0	459	466	465	456	488	459	449	456	451	458	472	472
35.0	347	373	367	341	389	352	341	356	348	352	376	369
40.0	258	275	272	253	278	263	249	260	257	261	273	272
45.0	154	195	190	141	202	181	142	181	151	155	189	189
50.0	92.3	108	114	78.7	107	94.4	79.2	110	91.4	94.0	103	113
55.0	48.1	58.5	63.1	37.3	70.5	46.0	38.6	61.8	45.6	50.2	54.9	62.8
60.0	28.3	27.2	31.3	20.6	33.9	23.7	21.8	31.5	24.3	30.1	26.2	32.8
65.0	20.4	15.4	20.2	15.0	20.6	15.7	15.5	20.0	15.8	21.3	15.8	21.4
70.0	15.7	10.9	15.1	11.4	15.4	11.2	11.9	14.8	11.3	16.1	11.0	15.8
75.0	11.8	7.37	11.0	8.07	11.0	7.37	8.42	10.7	7.62	11.9	7.13	11.4
80.0	7.83	4.24	7.41	4.45	7.31	4.03	4.80	7.24	4.38	7.97	3.93	7.58
85.0	4.62	1.94	4.49	1.60	4.49	1.70	1.98	4.76	1.94	4.62	1.84	4.83
90.0	2.99	0.80	3.09	0.63	3.09	0.80	1.00	3.51	1.21	3.09	1.21	3.62
95.0	2.68	0.59	2.64	0.59	2.68	0.59	1.00	3.02	0.91	2.81	1.04	3.13
100.0	2.47	0.63	2.43	0.63	2.47	0.63	1.00	2.71	0.73	2.57	1.04	2.92
105.0	2.40	0.66	2.26	0.63	2.26	0.66	1.00	2.47	0.70	2.43	1.14	2.81
110.0	2.19	0.70	2.12	0.70	2.15	0.70	0.97	2.29	0.73	2.26	1.25	2.74
115.0	2.08	0.77	2.05	0.77	2.08	0.77	1.00	2.19	0.80	2.08	1.39	2.74
120.0	2.05	0.87	2.01	0.87	2.05	0.87	1.11	2.12	0.91	2.05	1.87	3.20
125.0	2.08	1.00	2.01	1.00	2.05	1.00	1.25	2.12	1.00	2.05	1.70	3.82
130.0	2.12	1.14	2.08	1.18	2.12	1.21	1.42	2.19	1.18	2.12	1.32	2.47
135.0	2.26	1.39	2.19	1.39	2.26	1.42	1.63	2.26	1.39	2.26	1.42	2.33
140.0	2.43	1.60	2.36	1.63	2.40	1.67	1.91	2.40	1.60	2.40	1.63	2.47
145.0	2.61	1.84	2.54	1.91	2.57	1.94	2.15	2.57	1.87	2.57	1.91	2.64
150.0	2.81	2.12	2.71	2.19	2.78	2.22	2.43	2.78	2.12	2.78	2.15	2.85
155.0	2.99	2.36	2.95	2.47	2.99	2.50	2.71	2.95	2.36	2.95	2.43	3.02
160.0	3.20	2.61	3.13	2.71	3.20	2.78	2.95	3.16	2.61	3.16	2.68	3.23
165.0	3.37	2.85	3.30	2.95	3.37	3.02	3.23	3.34	2.81	3.34	2.92	3.41
170.0	3.51	3.06	3.44	3.13	3.51	3.20	3.44	3.44	2.99	3.48	3.09	3.55
175.0	3.62	3.20	3.13	3.58	3.20	3.62	3.58	3.55	3.13	3.58	3.20	3.62
180.0	3.65	3.55	3.20	3.62	3.27	3.65	3.65	3.55	3.20	3.62	3.27	3.65

Test System:HOPPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2023年01月12日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks: