

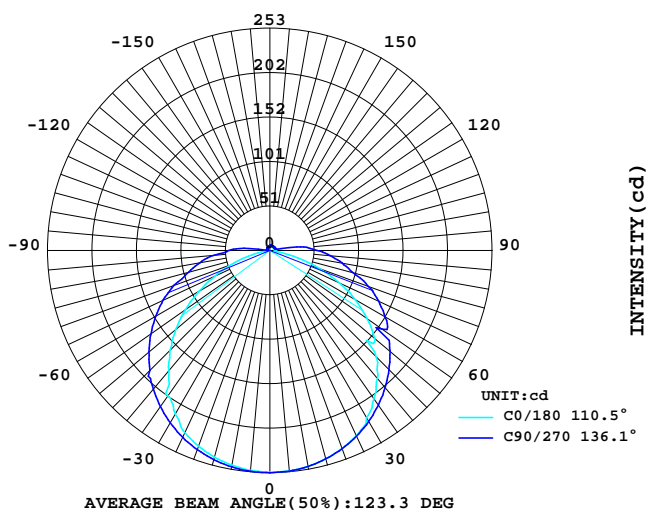
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

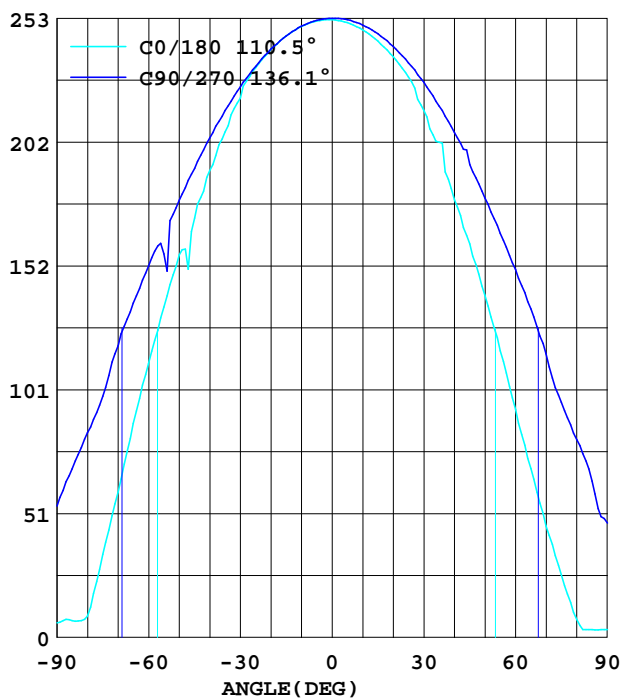
MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002

DATA OF LAMP		Imax(cd)	252.6	S/MH(C0/180)	1.30
MODEL	2835	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	6	TOTAL FLUX(lm)	889.80	Voltage(V)	24.02
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	142.6	Current(A)	0.259
NOMINAL FLUX(lm)	889.8	h up(%)	5.0	Power(W)	6.240
LAMPS QUANTITY	1	h down(%)	95.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	853.5	EEL	0.092

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

Color Temperature Data List

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002

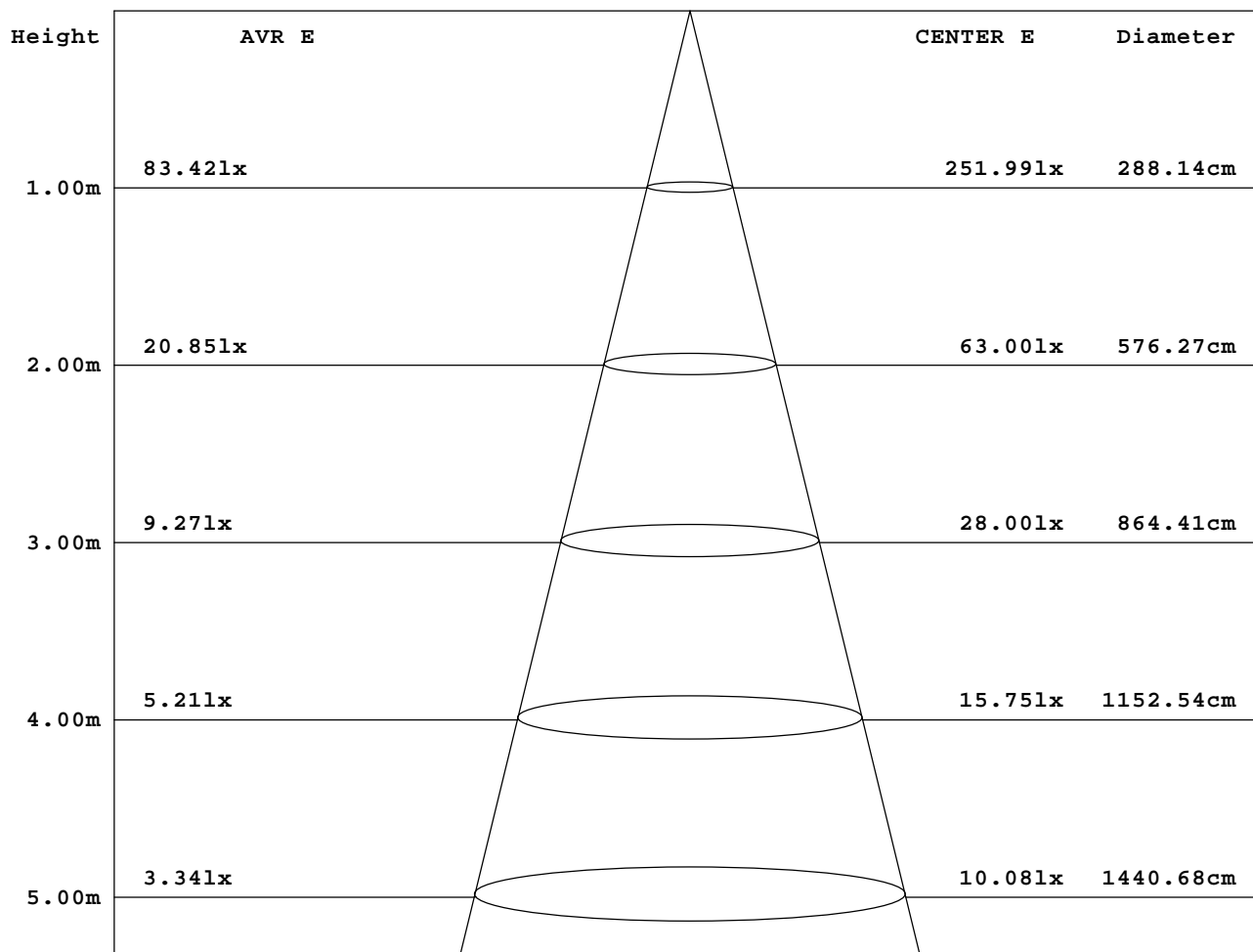
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002



Angle:110.5deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tBtal
5.0	251.4	250.5	251.7	249.2	250.8	252.1	251.9	241.6	0- 5	5.984	5.984
10.0	249.2	247.3	249.3	247.4	247.8	250.4	249.8	237.5	5- 10	17.79	23.77
15.0	245.3	242.6	245.3	243.7	243.3	247.1	246.2	235.6	10- 15	29.12	52.90
20.0	239.8	236.2	240.0	237.7	236.8	242.4	241.0	232.9	15- 20	39.73	92.64
25.0	232.3	228.1	233.0	229.9	228.6	236.0	234.3	227.3	20- 25	49.25	141.8
30.0	220.0	218.9	224.5	220.9	215.1	227.9	226.5	218.9	25- 30	57.36	199.2
35.0	206.1	207.9	214.9	210.0	202.0	218.5	216.8	211.0	30- 35	63.64	262.9
40.0	190.3	198.7	203.7	199.0	178.5	207.2	205.9	201.5	35- 40	68.18	331.0
45.0	171.1	180.5	191.3	183.0	160.5	194.4	192.9	190.6	40- 45	70.60	401.6
50.0	156.0	165.1	178.4	167.8	139.6	180.8	179.3	174.7	45- 50	70.64	472.3
55.0	134.8	149.2	156.5	152.0	116.8	147.2	164.8	158.6	50- 55	68.47	540.8
60.0	111.8	131.6	151.4	134.5	93.00	151.5	150.0	142.1	55- 60	65.50	606.3
65.0	87.27	113.3	136.3	116.3	68.84	134.6	133.9	128.4	60- 65	60.30	666.6
70.0	59.39	95.32	119.0	98.27	45.45	116.1	115.6	112.7	65- 70	53.25	719.8
75.0	33.84	76.04	98.42	79.22	25.55	97.03	95.94	94.86	70- 75	44.46	764.3
80.0	8.673	53.89	83.48	58.38	7.356	74.18	80.76	73.10	75- 80	34.60	798.9
85.0	6.814	41.04	68.68	44.06	3.175	59.31	63.81	58.62	80- 85	26.65	825.6
90.0	5.962	25.24	53.58	27.64	3.175	40.88	46.69	40.73	85- 90	20.05	845.6
95.0	5.575	7.666	42.04	8.440	3.329	14.86	29.81	17.73	90- 95	12.53	858.1
100.0	5.420	3.097	13.55	3.329	3.484	6.969	3.329	6.892	95-100	5.472	863.6
105.0	5.343	3.252	6.737	3.484	3.639	6.582	3.484	6.582	100-105	2.710	866.3
110.0	5.265	3.407	6.427	3.562	3.794	6.350	3.639	6.350	105-110	2.538	868.9
115.0	5.265	3.562	6.195	3.639	4.026	6.117	3.794	6.195	110-115	2.451	871.3
120.0	5.265	3.717	6.117	3.717	4.181	5.962	3.949	6.040	115-120	2.358	873.7
125.0	5.265	3.872	5.962	3.872	4.336	5.885	4.104	5.962	120-125	2.258	875.9
130.0	5.265	4.026	5.962	4.026	4.491	5.885	4.259	5.885	125-130	2.147	878.1
135.0	5.343	4.181	5.885	4.104	4.646	5.885	4.336	5.885	130-135	2.023	880.1
140.0	5.420	4.336	5.885	4.259	4.801	5.885	4.491	5.808	135-140	1.879	882.0
145.0	5.420	4.491	5.885	4.414	4.956	5.885	4.646	5.808	140-145	1.716	883.7
150.0	5.498	4.646	5.885	4.491	5.033	5.885	4.723	5.808	145-150	1.536	885.2
155.0	5.575	4.723	5.885	4.646	5.188	5.885	4.801	5.808	150-155	1.335	886.6
160.0	5.575	4.801	5.885	4.723	5.343	5.885	4.878	5.808	155-160	1.119	887.7
165.0	5.653	4.878	5.885	4.801	5.420	5.885	4.956	5.808	160-165	0.888	888.6
170.0	5.653	4.956	5.885	4.878	5.498	5.808	5.033	5.730	165-170	0.643	889.2
175.0	5.730	5.033	5.885	4.956	5.498	5.808	5.033	5.730	170-175	0.389	889.6
180.0	5.653	5.188	5.808	5.111	5.808	5.730	5.188	5.575	175-180	0.131	889.8
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

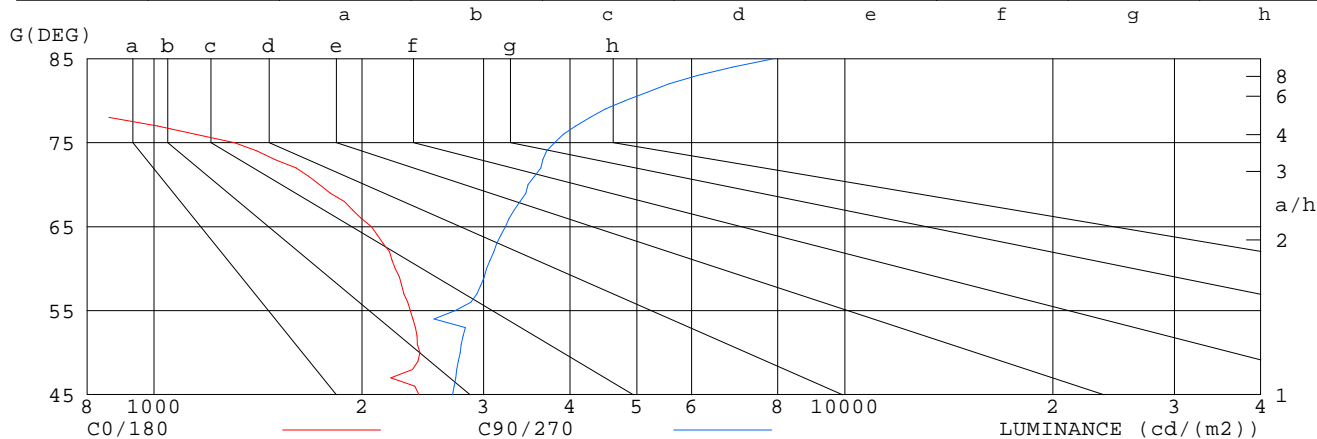
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002

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



G (DEG)	LUMINANCE cd/m2	
	C0/180	C90/270
85	782	7881
80	499	4807
75	1308	3803
70	1737	3480
65	2065	3227
60	2236	3029
55	2351	2729
50	2428	2776
45	2420	2706

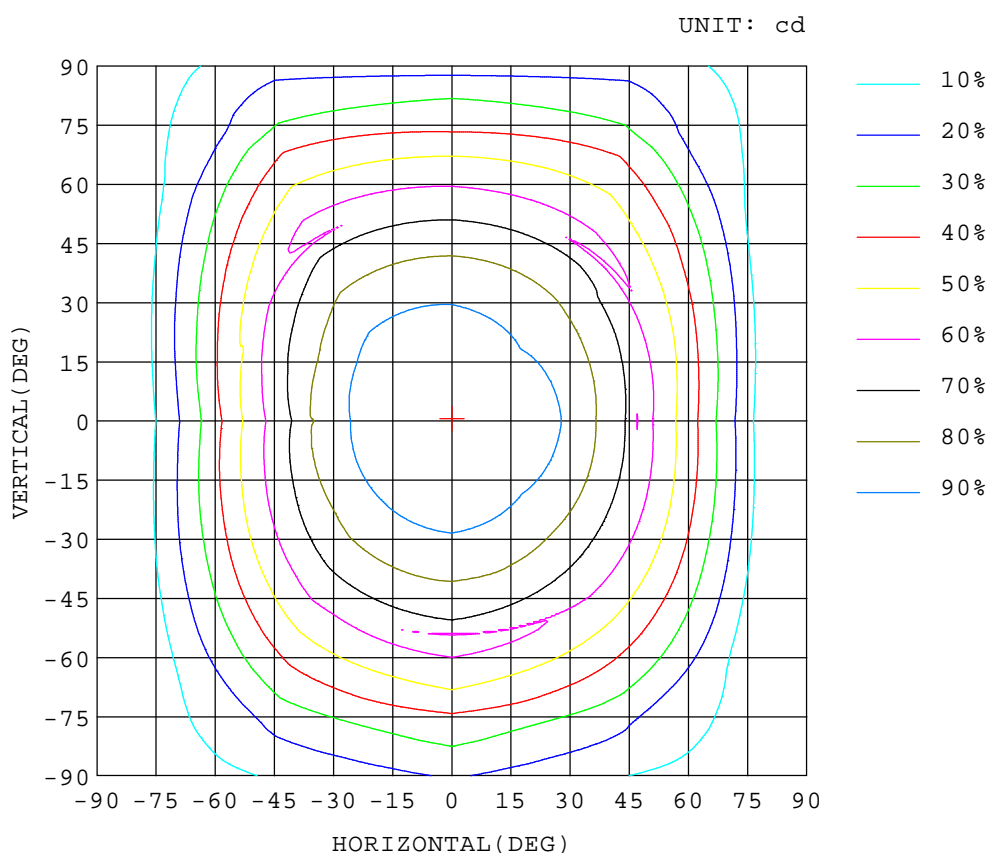
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002



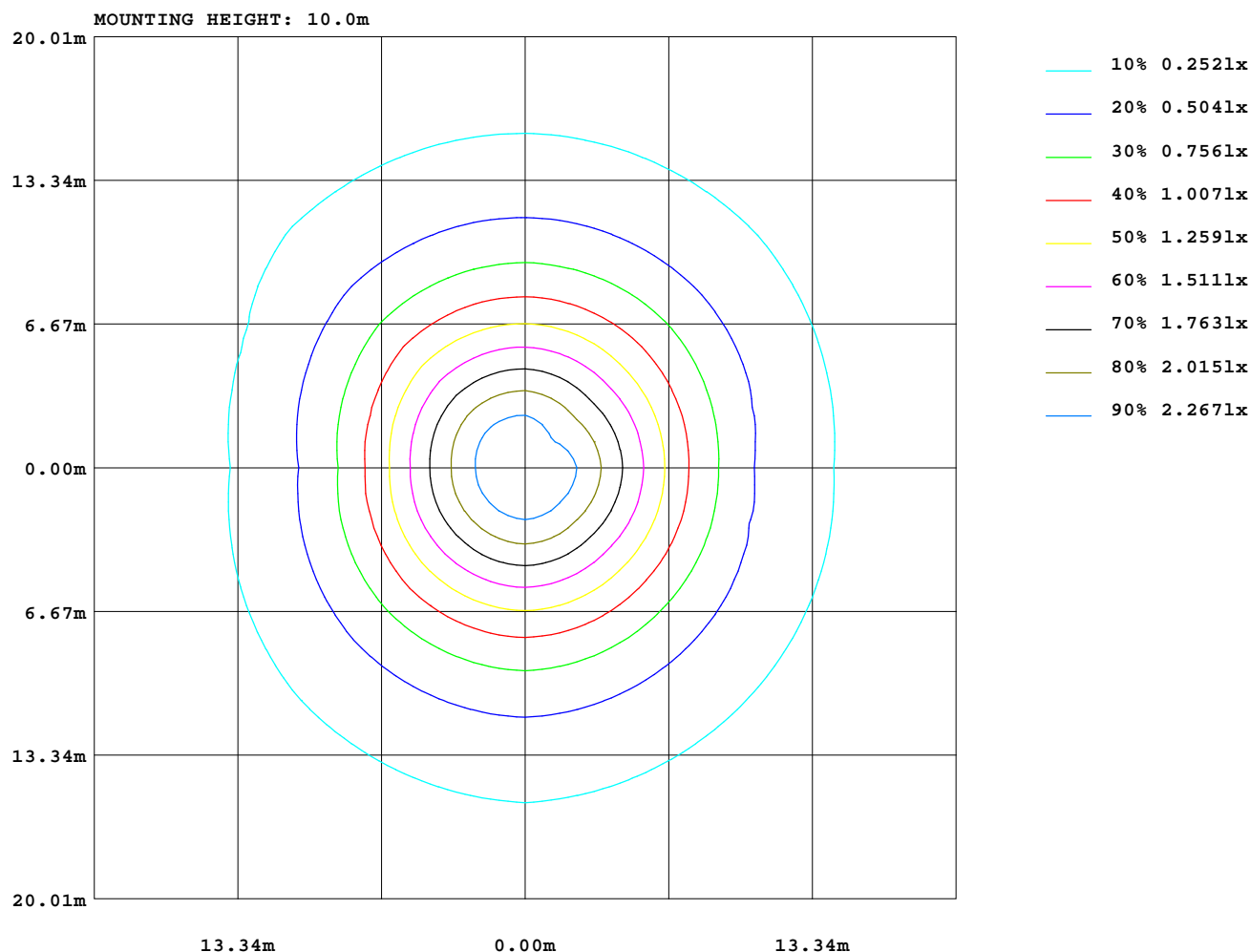
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002

VERTICAL(DEG)	AREA FLUX DIAGRAM																	UNIT:lm		φ t	φ a		
	0.02	0.14	0.37	0.71	1.13	1.40	1.62	1.78	1.89	1.88	1.78	1.61	1.39	1.12	0.72	0.39	0.16	0.03					
90	0.02	0.14	0.37	0.71	1.13	1.40	1.62	1.78	1.89	1.88	1.78	1.61	1.39	1.12	0.72	0.39	0.16	0.03	18.2	17.7			
80	0.03	0.16	0.46	0.95	1.61	2.12	2.50	2.77	2.91	2.90	2.74	2.47	2.09	1.59	0.95	0.48	0.18	0.03	26.9	26.6			
70	0.03	0.18	0.56	1.27	2.18	2.91	3.44	3.83	4.03	4.01	3.77	3.36	2.83	2.14	1.28	0.57	0.19	0.03	36.6	36.4			
60	0.03	0.19	0.72	1.56	2.63	3.60	4.22	4.69	4.97	4.94	4.61	4.10	3.42	2.57	1.60	0.75	0.21	0.03	44.8	44.6			
50	0.02	0.22	0.84	1.80	2.97	4.02	4.92	5.53	5.84	5.81	5.46	4.76	3.89	2.92	1.86	0.90	0.24	0.03	52.1	51.9			
40	0.02	0.24	0.92	1.98	3.18	4.52	5.56	6.21	6.54	6.50	6.11	5.44	4.43	3.22	2.08	1.02	0.27	0.03	58.3	58.1			
30	0.02	0.26	0.97	2.08	3.42	4.79	5.98	6.72	7.08	7.01	6.54	5.80	4.79	3.48	2.25	1.10	0.30	0.03	62.6	62.5			
	0.02	0.25	0.98	2.12	3.53	4.97	6.20	7.05	7.43	7.30	6.82	6.11	5.01	3.66	2.34	1.15	0.31	0.02	65.3	65.2			
	0.01	0.23	0.94	2.10	3.50	5.00	6.29	7.15	7.59	7.40	7.06	6.33	5.13	3.69	2.37	1.15	0.30	0.02	66.3	66.2			
	0.01	0.23	0.93	2.08	3.48	4.97	6.25	7.11	7.54	7.56	7.13	6.33	5.12	3.67	2.36	1.14	0.29	0.02	66.2	66.1			
	0.01	0.24	0.94	2.08	3.45	4.87	6.08	6.92	7.37	7.36	6.89	6.10	4.96	3.59	2.31	1.12	0.29	0.02	64.6	64.5			
-30	0.02	0.24	0.91	1.99	3.30	4.62	5.77	6.56	7.00	6.98	6.52	5.74	4.66	3.41	2.18	1.05	0.28	0.02	61.3	61.1			
-40	0.02	0.22	0.84	1.83	3.04	4.26	5.31	6.05	6.45	6.43	6.00	5.25	4.24	3.13	1.98	0.95	0.24	0.03	56.3	56.1			
-50	0.02	0.19	0.74	1.61	2.70	3.79	4.67	5.34	5.73	5.72	5.31	4.61	3.74	2.74	1.71	0.81	0.20	0.03	49.7	49.5			
-60	0.02	0.16	0.61	1.35	2.29	3.21	3.96	4.51	4.85	4.84	4.48	3.91	3.15	2.28	1.39	0.63	0.16	0.03	41.8	41.6			
-70	0.02	0.14	0.46	1.05	1.82	2.55	3.18	3.69	4.03	4.02	3.66	3.13	2.48	1.77	1.03	0.45	0.15	0.03	33.7	33.3			
-80	0.02	0.12	0.36	0.75	1.28	1.80	2.26	2.65	2.94	2.92	2.62	2.20	1.72	1.20	0.71	0.36	0.14	0.03	24.1	23.6			
-90	0.02	0.10	0.27	0.51	0.83	1.15	1.47	1.76	1.99	1.98	1.73	1.42	1.10	0.78	0.49	0.27	0.11	0.02	16.0	15.0			
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)					20	30	40	50	60	70	80	90		
φ t	0.35	3.51	12.8	27.9	46.4	64.6	79.7	90.4	96.2	95.6	89.3	78.7	64.2	47.0	29.6	14.3	4.02	0.50	890				
φ a	0.00	2.06	12.4	27.8	46.4	64.6	79.7	90.4	96.2	95.6	89.3	78.7	64.2	47.0	29.5	13.9	2.64	0.00		853			

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

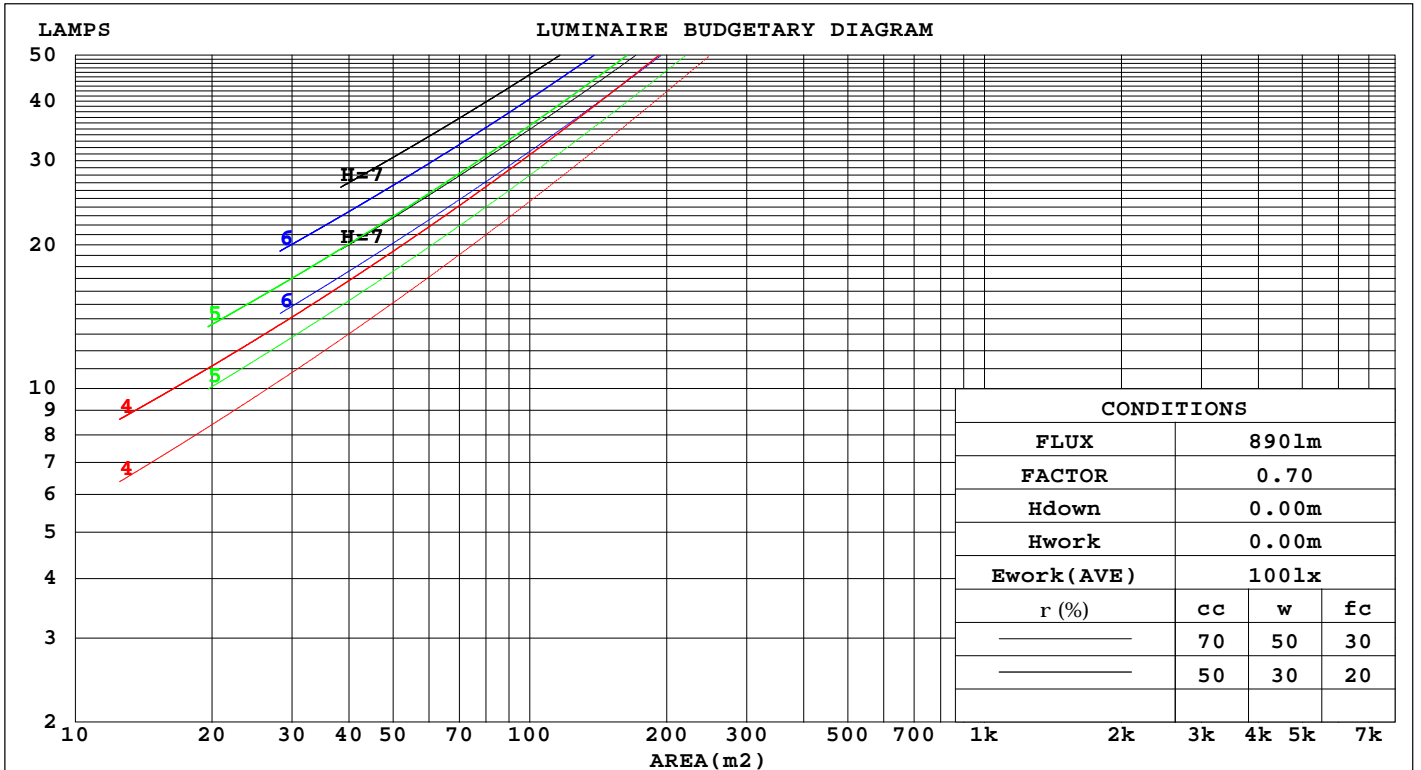
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002

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			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.08	1.08	1.08	1.03	1.03	1.03	.97	.97	.97	.95
1.0	1.00	.95	.91	.97	.93	.89	.92	.88	.85	.87	.84	.81	.83	.80	.78	.76
2.0	.86	.79	.72	.84	.77	.71	.79	.74	.69	.75	.71	.66	.72	.68	.64	.62
3.0	.75	.66	.59	.73	.65	.58	.69	.62	.57	.66	.60	.55	.63	.58	.53	.51
4.0	.66	.57	.50	.64	.56	.49	.61	.54	.48	.58	.52	.47	.56	.50	.45	.43
5.0	.59	.49	.42	.57	.49	.42	.55	.47	.41	.52	.45	.40	.50	.44	.39	.37
6.0	.53	.43	.37	.52	.43	.36	.49	.41	.36	.47	.40	.35	.45	.39	.34	.32
7.0	.48	.39	.32	.47	.38	.32	.45	.37	.31	.43	.36	.31	.41	.35	.30	.28
8.0	.43	.35	.29	.42	.34	.28	.41	.33	.28	.39	.32	.27	.38	.31	.27	.25
9.0	.40	.31	.26	.39	.31	.25	.37	.30	.25	.36	.29	.25	.35	.29	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.35	.27	.23	.33	.27	.22	.32	.26	.22	.20



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.358	.204	.065	.349	.199	.063	.333	.191	.061	.318	.184	.059	.304	.176	.057	
2.0	.321	.176	.054	.313	.172	.053	.298	.166	.052	.285	.160	.050	.272	.154	.049	
3.0	.289	.154	.046	.283	.151	.046	.270	.146	.044	.258	.141	.043	.246	.136	.042	
4.0	.263	.137	.040	.257	.134	.040	.245	.130	.039	.235	.126	.038	.224	.122	.037	
5.0	.241	.123	.036	.235	.121	.035	.225	.117	.034	.215	.113	.034	.206	.110	.033	
6.0	.222	.111	.032	.217	.109	.031	.207	.106	.031	.198	.103	.030	.190	.100	.030	
7.0	.205	.101	.029	.201	.100	.028	.192	.097	.028	.184	.094	.027	.177	.092	.027	
8.0	.191	.093	.026	.187	.092	.026	.179	.089	.026	.172	.087	.025	.165	.085	.025	
9.0	.178	.086	.024	.174	.085	.024	.167	.083	.023	.161	.081	.023	.155	.079	.023	
10.0	.167	.080	.022	.164	.079	.022	.157	.077	.022	.151	.075	.021	.146	.073	.021	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.228	.228	.228	.195	.195	.195	.133	.133	.133	.076	.076	.076	.024	.024	.024	
1.0	.222	.194	.169	.190	.166	.145	.130	.114	.100	.075	.066	.058	.024	.021	.019	
2.0	.214	.170	.133	.184	.146	.115	.126	.101	.080	.073	.059	.047	.023	.019	.015	
3.0	.207	.153	.110	.177	.132	.095	.122	.092	.067	.070	.054	.039	.023	.017	.013	
4.0	.199	.140	.095	.171	.121	.083	.117	.084	.058	.068	.049	.034	.022	.016	.011	
5.0	.191	.130	.084	.164	.112	.074	.113	.078	.052	.066	.046	.031	.021	.015	.010	
6.0	.184	.122	.077	.158	.105	.067	.109	.074	.047	.063	.043	.028	.020	.014	.009	
7.0	.177	.115	.071	.152	.100	.062	.105	.070	.044	.061	.041	.026	.020	.013	.009	
8.0	.170	.109	.067	.146	.095	.059	.101	.066	.042	.059	.039	.025	.019	.013	.008	
9.0	.164	.104	.064	.141	.090	.056	.098	.064	.040	.057	.038	.024	.018	.012	.008	
10.0	.158	.100	.061	.136	.087	.054	.094	.061	.038	.055	.036	.023	.018	.012	.008	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

UGR Table

Report number:

MANUFACTURER:										
Address:										
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M					TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 2835/64D			CCT(K): 4000			DIMENSION: 1M*0.008M			SERIAL No.: 20220106002	
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	15.4	16.9	15.7	17.2	17.5	16.4	17.9	16.7	18.2	18.5
3H	16.7	18.1	17.1	18.5	18.8	18.6	20.0	19.0	20.4	20.7
4H	17.1	18.5	17.5	18.8	19.2	19.7	21.1	20.1	21.4	21.8
6H	17.2	18.5	17.6	18.8	19.2	20.9	22.2	21.3	22.5	22.9
8H	17.2	18.4	17.6	18.8	19.2	21.5	22.8	22.0	23.1	23.5
12H	17.2	18.4	17.6	18.8	19.2	22.3	23.5	22.7	23.9	24.3
4H 2H	16.2	17.6	16.6	17.9	18.3	17.0	18.3	17.3	18.6	19.0
3H	17.8	19.0	18.2	19.4	19.8	19.4	20.6	19.8	21.0	21.4
4H	18.4	19.5	18.8	19.9	20.3	20.7	21.8	21.1	22.2	22.6
6H	18.6	19.6	19.1	20.0	20.5	22.0	23.0	22.5	23.4	23.9
8H	18.7	19.6	19.1	20.0	20.5	22.8	23.7	23.2	24.1	24.6
12H	18.7	19.5	19.2	20.0	20.5	23.6	24.5	24.1	24.9	25.5
8H 4H	19.0	19.9	19.5	20.4	20.9	20.9	21.9	21.4	22.3	22.8
6H	19.5	20.2	20.0	20.7	21.3	22.5	23.3	23.0	23.8	24.3
8H	19.7	20.4	20.2	20.9	21.4	23.4	24.1	24.0	24.6	25.2
12H	19.9	20.5	20.4	21.0	21.6	24.5	25.1	25.1	25.7	26.2
12H 4H	19.1	20.0	19.6	20.5	21.0	20.9	21.8	21.4	22.3	22.8
6H	19.8	20.5	20.3	21.0	21.6	22.6	23.3	23.1	23.8	24.3
8H	20.1	20.7	20.7	21.3	21.8	23.6	24.2	24.1	24.7	25.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.2				
2.0H	+ 0.2 / - 0.5					+ 0.2 / - 0.2				

CIE Pub.117 Corrected 889.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.4)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002

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	53	41	34	52	41	34	51	40	34	27
0.80	63	50	43	62	50	42	60	49	42	35
1.00	71	59	51	70	58	51	67	59	50	42
1.25	78	66	59	76	66	58	73	64	57	49
1.50	83	72	64	81	71	64	78	69	62	54
2.00	90	80	73	88	79	72	84	76	70	61
2.50	94	85	78	92	84	77	87	81	75	65
3.00	98	90	83	95	88	82	91	85	79	69
4.00	102	96	90	100	93	88	94	89	85	74
5.00	105	99	94	102	97	92	97	93	89	78
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

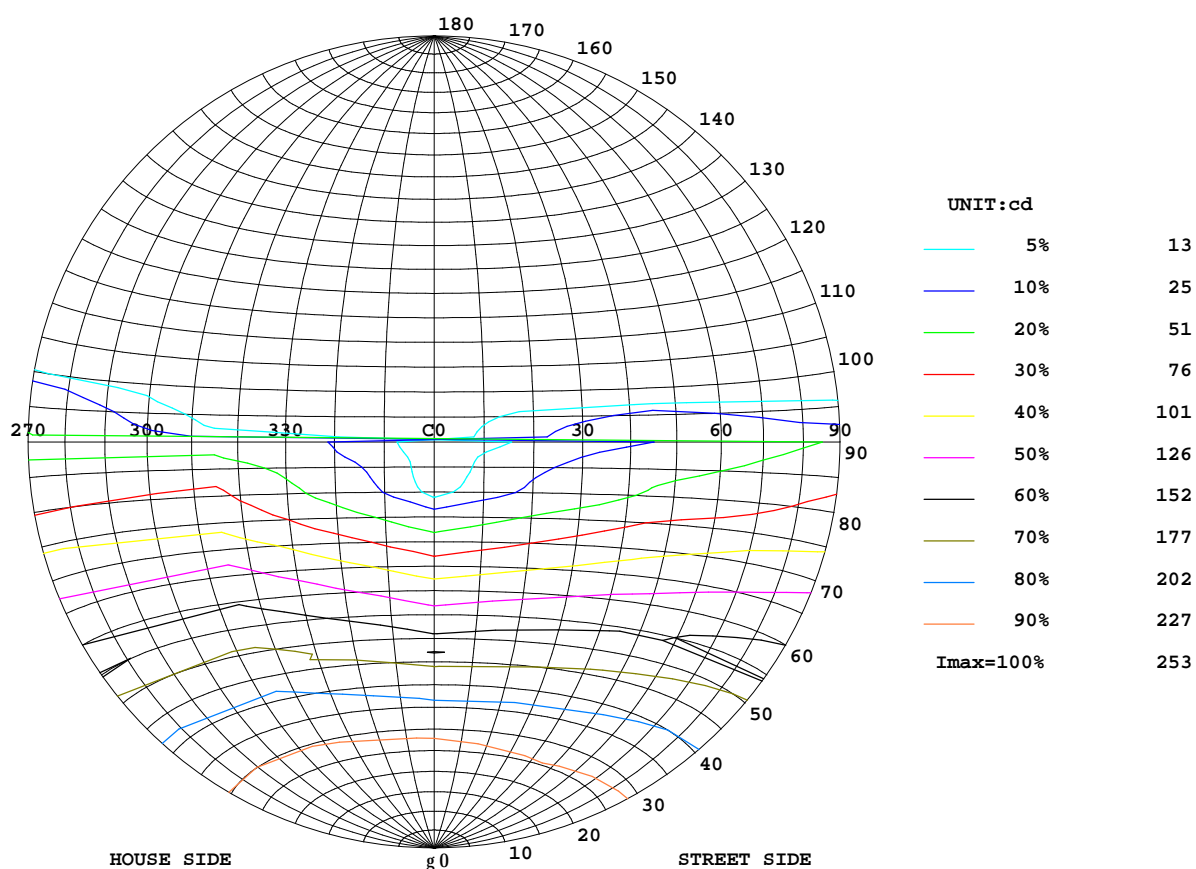
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

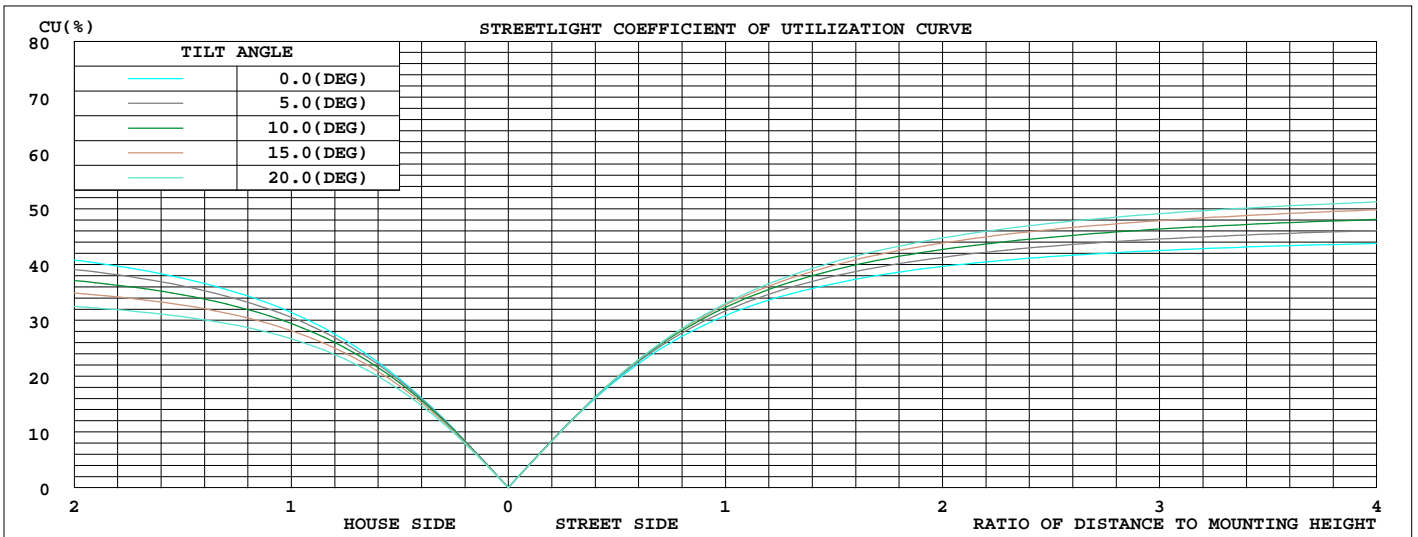
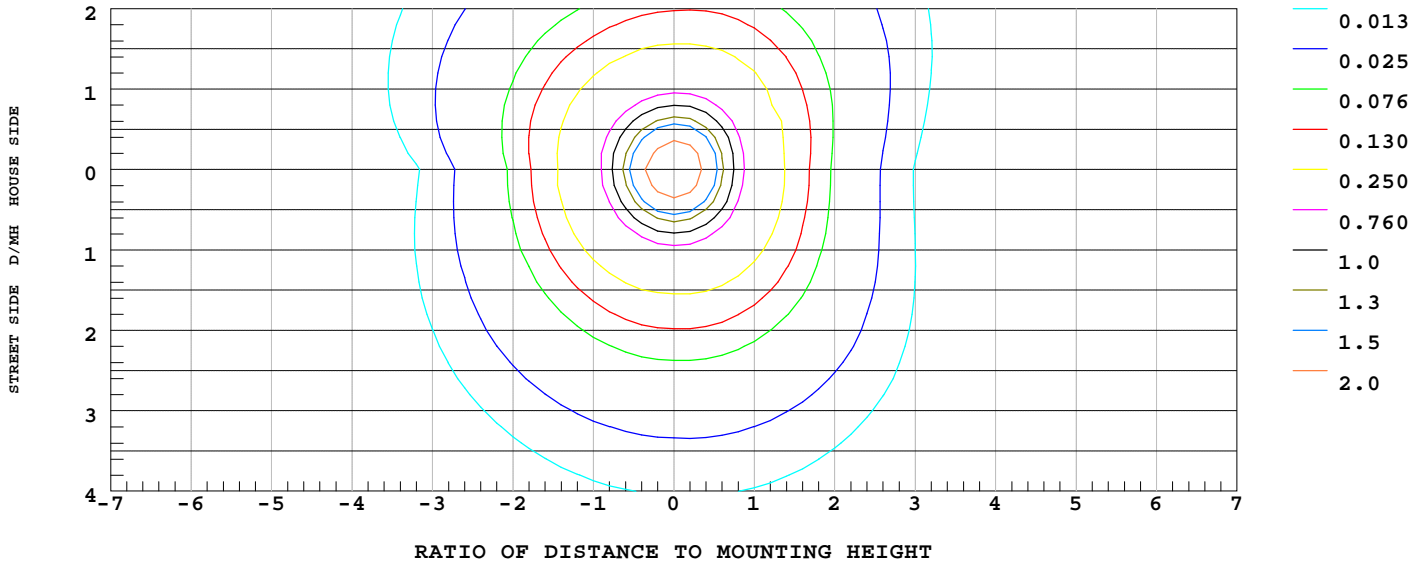
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002

ILLUMINANCE AT MH=10 m, Enadir = 2.52 lx



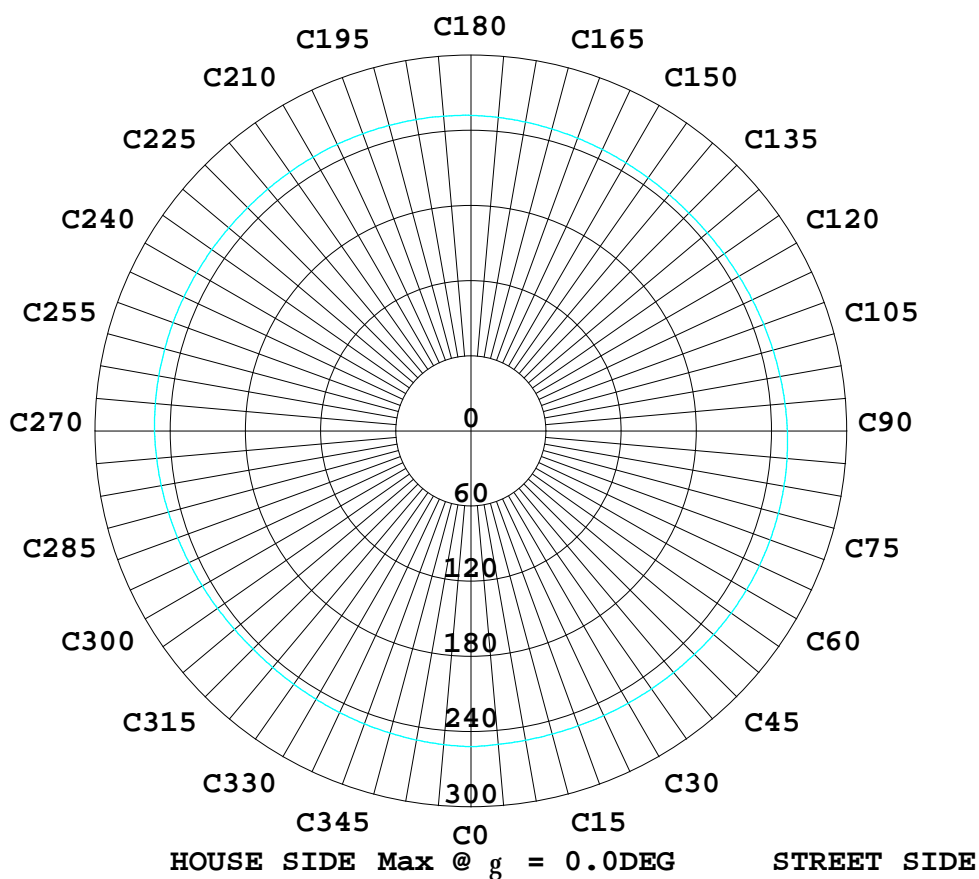
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-64-24-8-6.1-8-4000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64D	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20220106002

UNIT: cd

γ (DEG)	C (DEG)							
	0	45	90	135	180	225	270	315
0.0	252	252	253	246	252	252	253	246
5.0	251	251	252	249	251	252	252	242
10.0	249	247	249	247	248	250	250	238
15.0	245	243	245	244	243	247	246	236
20.0	240	236	240	238	237	242	241	233
25.0	232	228	233	230	229	236	234	227
30.0	220	219	225	221	215	228	227	219
35.0	206	208	215	210	202	219	217	211
40.0	190	199	204	199	179	207	206	202
45.0	171	181	191	183	161	194	193	191
50.0	156	165	178	168	140	181	179	175
55.0	135	149	157	152	117	147	165	159
60.0	112	132	151	135	93.0	152	150	142
65.0	87.2	113	136	116	68.8	135	134	128
70.0	59.3	95.3	119	98.2	45.4	116	116	113
75.0	33.8	76.0	98.4	79.2	25.5	97.0	95.9	94.8
80.0	8.67	53.8	83.4	58.3	7.35	74.1	80.7	73.1
85.0	6.81	41.0	68.6	44.0	3.17	59.3	63.8	58.6
90.0	5.96	25.2	53.5	27.6	3.17	40.8	46.6	40.7
95.0	5.57	7.66	42.0	8.44	3.32	14.8	29.8	17.7
100.0	5.42	3.09	13.5	3.32	3.48	6.96	3.32	6.89
105.0	5.34	3.25	6.73	3.48	3.63	6.58	3.48	6.58
110.0	5.26	3.40	6.42	3.56	3.79	6.35	3.63	6.35
115.0	5.26	3.56	6.19	3.63	4.02	6.11	3.79	6.19
120.0	5.26	3.71	6.11	3.71	4.18	5.96	3.94	6.04
125.0	5.26	3.87	5.96	3.87	4.33	5.88	4.10	5.96
130.0	5.26	4.02	5.96	4.02	4.49	5.88	4.25	5.88
135.0	5.34	4.18	5.88	4.10	4.64	5.88	4.33	5.88
140.0	5.42	4.33	5.88	4.25	4.80	5.88	4.49	5.80
145.0	5.42	4.49	5.88	4.41	4.95	5.88	4.64	5.80
150.0	5.49	4.64	5.88	4.49	5.03	5.88	4.72	5.80
155.0	5.57	4.72	5.88	4.64	5.18	5.88	4.80	5.80
160.0	5.57	4.80	5.88	4.72	5.34	5.88	4.87	5.80
165.0	5.65	4.87	5.88	4.80	5.42	5.88	4.95	5.80
170.0	5.65	4.95	5.88	4.87	5.49	5.80	5.03	5.73
175.0	5.73	5.03	5.88	4.95	5.49	5.80	5.03	5.73
180.0	5.65	5.18	5.80	5.11	5.80	5.73	5.18	5.57

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks: