

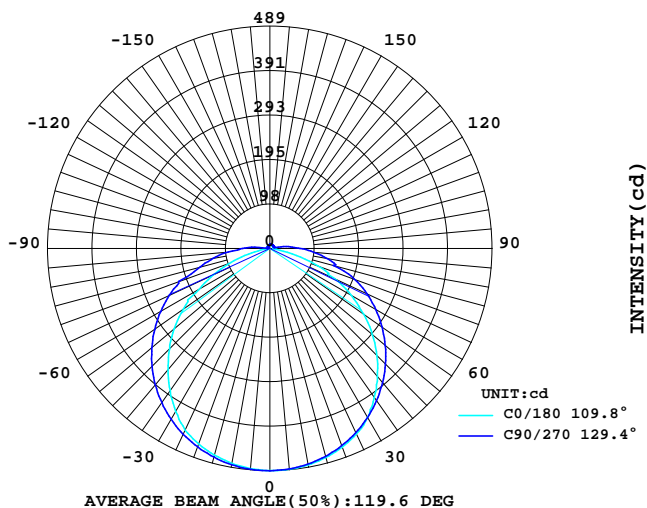
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

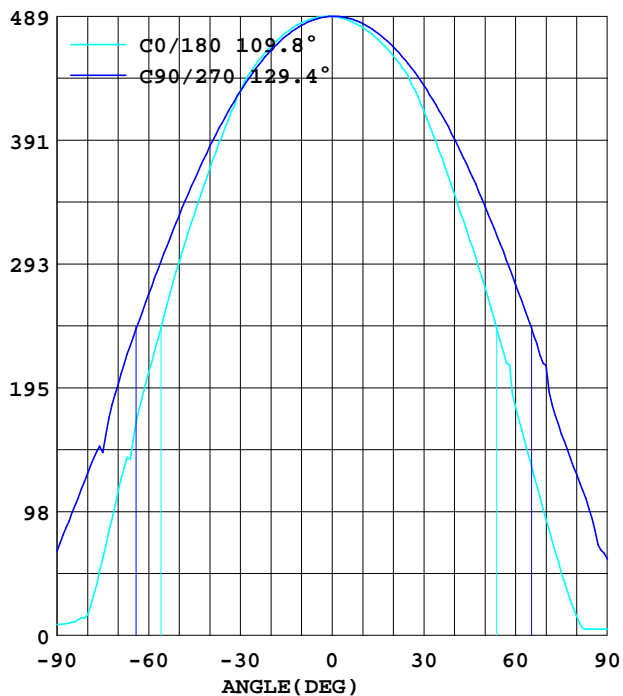
MANUFACTURER:			
Address:			
NAME: RS-HE-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003

DATA OF LAMP		Imax(cd)	489.1	S/MH(C0/180)	1.30
MODEL	2835	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	1639.8	Voltage(V)	23.99
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	130.2	Current(A)	0.524
NOMINAL FLUX(lm)	1639.8	h up(%)	3.9	Power(W)	12.59
LAMPS QUANTITY	1	h down(%)	96.1	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	1573.0	EEL	0.109

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-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003

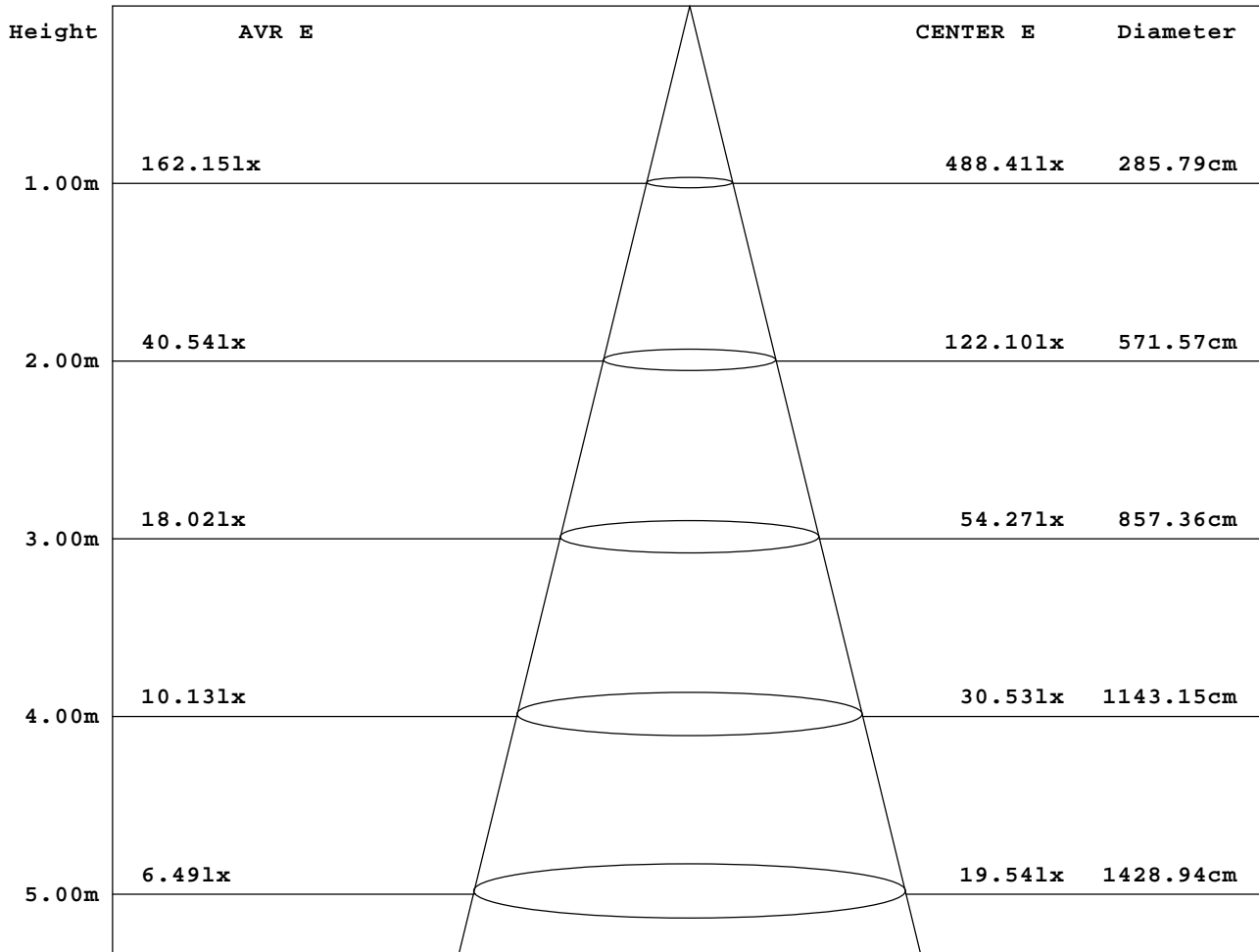
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2022年01月06日

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-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003



Angle:110.0deg

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-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tBtal
5.0	487.6	484.6	486.5	486.2	485.7	487.0	487.3	488.4	0- 5	11.65	11.65
10.0	483.5	478.5	481.5	480.2	479.8	483.2	482.8	484.6	5- 10	34.64	46.30
15.0	475.8	469.1	473.1	470.8	470.2	476.4	475.2	477.8	10- 15	56.67	102.9
20.0	464.6	456.8	461.4	458.6	457.2	466.1	464.4	467.4	15- 20	77.11	180.0
25.0	450.6	440.9	447.2	442.8	441.1	452.5	451.0	453.1	20- 25	95.40	275.5
30.0	429.2	421.8	429.4	423.6	414.3	436.5	434.1	435.9	25- 30	110.8	386.3
35.0	400.6	400.4	408.6	402.5	382.0	416.7	413.9	414.4	30- 35	122.6	509.0
40.0	368.2	375.5	385.9	377.5	348.3	393.5	391.8	382.7	35- 40	130.6	639.6
45.0	332.7	347.6	359.7	349.7	311.6	368.6	366.1	347.4	40- 45	134.4	774.1
50.0	294.4	318.2	331.2	320.2	275.2	340.0	339.1	325.0	45- 50	134.4	908.6
55.0	251.9	285.1	301.7	287.0	232.0	308.6	308.9	302.2	50- 55	131.1	1040
60.0	207.3	249.5	269.1	251.5	180.1	275.9	276.6	271.5	55- 60	123.2	1163
65.0	154.4	214.1	235.1	215.9	135.8	239.9	244.0	236.1	60- 65	111.2	1274
70.0	113.6	170.7	197.7	172.7	91.45	202.3	213.3	195.7	65- 70	96.14	1370
75.0	60.71	131.6	144.2	134.1	49.17	156.6	158.9	141.0	70- 75	76.53	1447
80.0	15.95	91.37	127.3	95.40	15.10	125.2	127.1	120.8	75- 80	57.17	1504
85.0	10.37	63.26	97.18	66.13	4.801	94.32	92.30	92.46	80- 85	42.01	1546
90.0	8.673	35.62	66.59	38.17	4.878	61.40	60.32	60.94	85- 90	28.99	1575
95.0	8.208	11.22	45.22	11.92	5.111	21.14	33.60	24.23	90- 95	16.49	1592
100.0	8.053	4.723	18.58	5.188	5.420	10.37	5.265	10.37	95-100	7.016	1599
105.0	7.898	5.033	9.757	5.343	5.730	9.834	5.420	9.912	100-105	4.064	1603
110.0	7.898	5.343	9.292	5.575	6.040	9.525	5.730	9.602	105-110	3.846	1607
115.0	7.898	5.653	9.137	5.730	6.350	9.292	6.040	9.447	110-115	3.748	1610
120.0	8.053	5.962	9.060	5.962	6.659	9.137	6.350	9.215	115-120	3.640	1614
125.0	8.131	6.272	9.060	6.272	6.969	9.137	6.582	9.292	120-125	3.526	1617
130.0	8.286	6.582	9.060	6.582	7.279	9.137	6.892	9.292	125-130	3.393	1621
135.0	8.440	6.892	9.137	6.892	7.589	9.215	7.124	9.292	130-135	3.221	1624
140.0	8.595	7.201	9.215	7.124	7.821	9.292	7.434	9.370	135-140	3.020	1627
145.0	8.750	7.434	9.292	7.434	8.131	9.370	7.666	9.447	140-145	2.783	1630
150.0	8.905	7.666	9.370	7.666	8.363	9.447	7.898	9.525	145-150	2.505	1632
155.0	9.060	7.898	9.447	7.821	8.518	9.525	8.053	9.525	150-155	2.192	1635
160.0	9.137	8.053	9.447	8.053	8.750	9.525	8.208	9.602	155-160	1.846	1636
165.0	9.292	8.286	9.525	8.208	8.905	9.602	8.440	9.602	160-165	1.470	1638
170.0	9.370	8.363	9.602	8.363	9.060	9.602	8.518	9.602	165-170	1.070	1639
175.0	9.447	8.518	9.602	8.440	9.137	9.602	8.595	9.602	170-175	0.650	1640
180.0	9.370	8.673	9.525	8.673	9.525	9.447	8.750	9.370	175-180	0.218	1640
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:

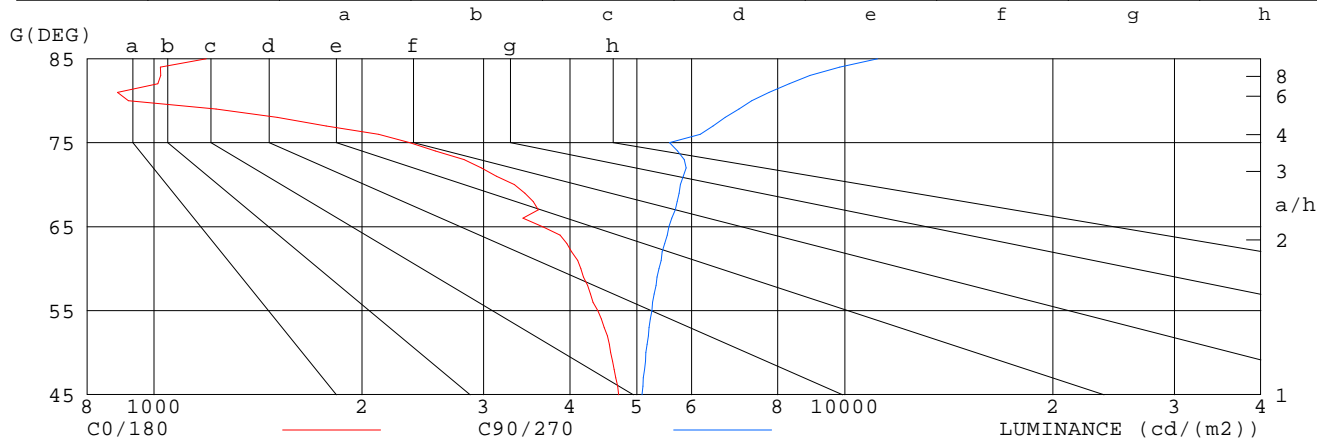
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



G (DEG)	LUMINANCE cd/m2	
	C0/180	C90/270
85	1191	11151
80	919	7336
75	2346	5574
70	3324	5783
65	3654	5563
60	4148	5382
55	4393	5260
50	4580	5154
45	4706	5088

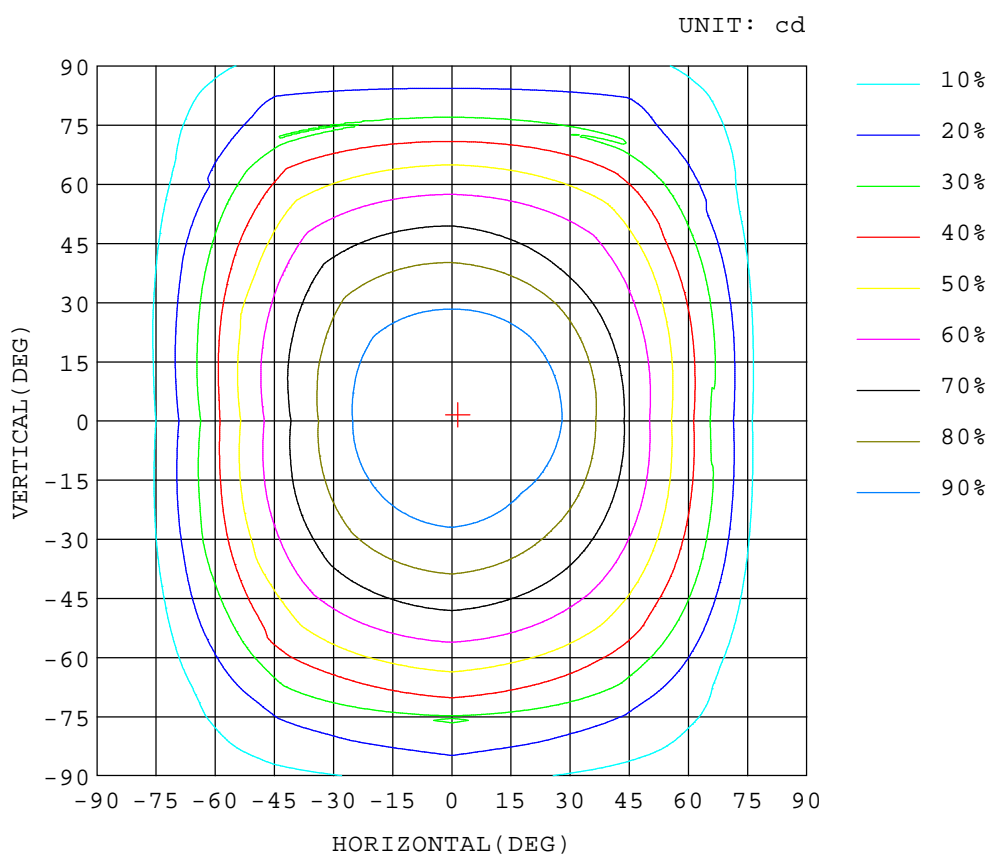
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

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-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003



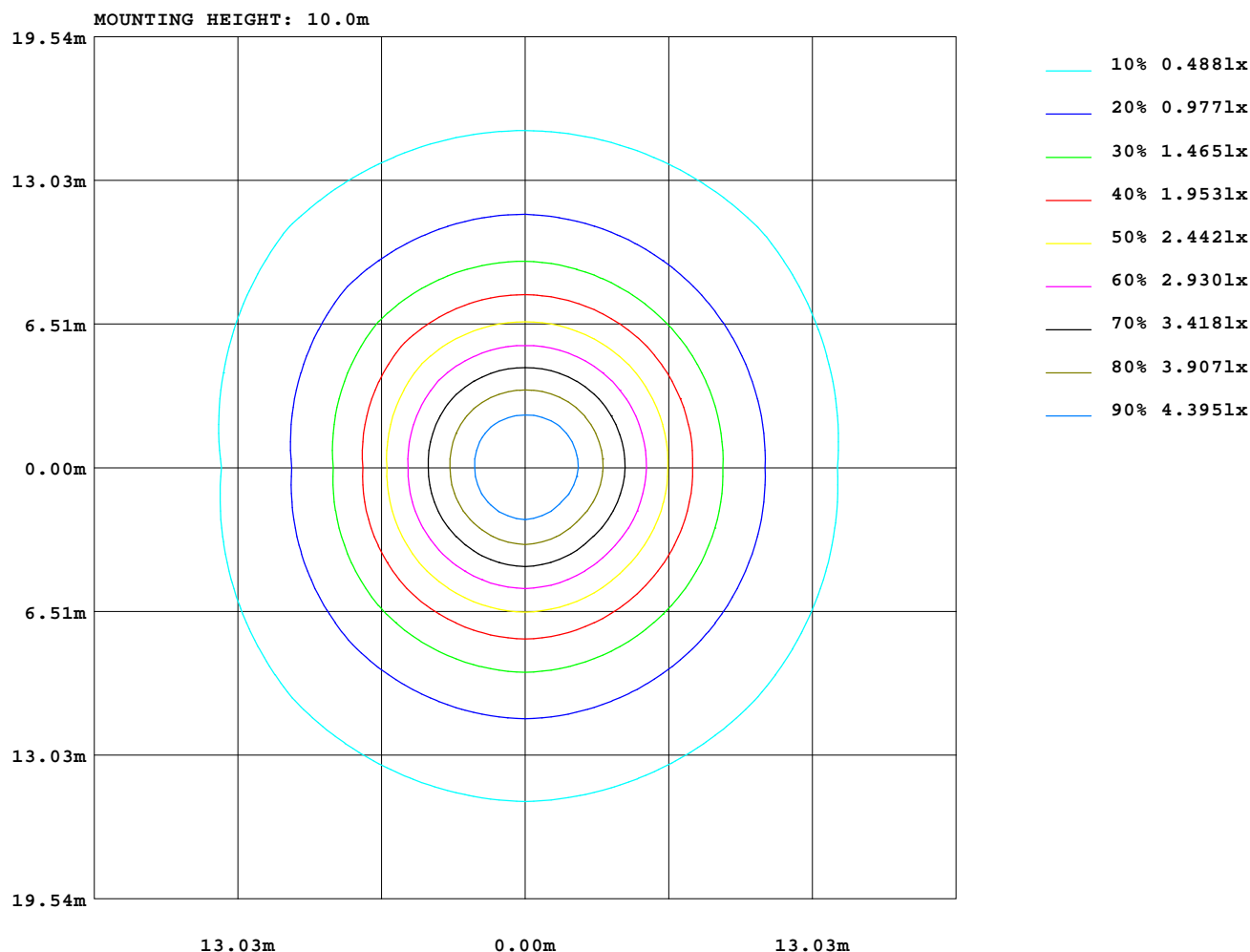
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

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-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003



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-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003

VERTICAL(DEG)	AREA FLUX DIAGRAM																	UNIT:lm		φ t	φ a						
	90	80	70	60	50	40	30	0.03	0.02	0.02	0.03	-30	-40	-50	-60	-70	-80	-90	0.04	0.23	0.04	27.5	26.1				
80	0.04	0.26	0.76	1.59	2.69	3.49	4.14	4.61	4.87	4.84	4.54	4.04	3.39	2.63	1.57	0.78	0.28	0.05	44.6	43.8	0.04	0.23	0.04	27.5	26.1		
70	0.04	0.29	0.96	2.13	3.72	5.10	6.13	6.91	7.33	7.32	6.87	6.05	4.96	3.57	2.10	0.96	0.32	0.05	64.8	64.3	0.04	0.32	0.05	64.8	64.3		
60	0.04	0.33	1.22	2.78	4.70	6.51	7.84	8.80	9.31	9.28	8.73	7.75	6.42	4.69	2.81	1.24	0.35	0.05	82.9	82.4	0.04	0.35	0.05	82.9	82.4		
50	0.04	0.39	1.50	3.29	5.50	7.70	9.32	10.4	11.0	10.9	10.2	9.02	7.53	5.53	3.41	1.57	0.41	0.05	98.0	97.6	0.04	0.41	0.05	98.0	97.6		
40	0.03	0.44	1.70	3.70	6.15	8.58	10.5	11.8	12.5	12.4	11.7	10.1	8.24	6.18	3.88	1.85	0.47	0.05	111	110	0.03	0.47	0.05	111	110		
30	0.03	0.47	1.83	4.01	6.60	9.16	11.4	12.8	13.6	13.6	12.8	11.3	9.06	6.64	4.22	2.02	0.52	0.05	120	120	0.03	0.52	0.05	120	120		
20	0.03	0.48	1.87	4.16	6.83	9.52	11.9	13.5	14.3	14.3	13.6	12.0	9.70	6.99	4.41	2.11	0.55	0.04	127	126	0.03	0.55	0.04	127	126		
10	0.02	0.46	1.83	4.14	6.82	9.60	12.1	13.8	14.6	14.7	13.9	12.3	9.97	7.17	4.45	2.11	0.54	0.04	129	129	0.02	0.54	0.04	129	129		
0	0.02	0.45	1.81	4.11	6.78	9.55	12.0	13.7	14.6	14.6	13.8	12.2	9.92	7.16	4.43	2.09	0.54	0.03	128	128	0.02	0.54	0.03	128	128		
-10	0.02	0.46	1.82	4.07	6.70	9.34	11.7	13.3	14.2	14.2	13.3	11.8	9.58	6.98	4.34	2.07	0.53	0.04	125	124	0.02	0.53	0.04	125	124		
-20	0.03	0.44	1.75	3.86	6.37	8.87	11.0	12.6	13.4	13.4	12.5	11.0	8.99	6.56	4.09	1.94	0.50	0.04	118	117	0.03	0.50	0.04	118	117		
-30	0.03	0.39	1.59	3.50	5.84	8.15	10.1	11.5	12.2	12.2	11.4	10.0	8.17	5.95	3.69	1.74	0.43	0.04	107	107	0.03	0.43	0.04	107	107		
-40	0.03	0.33	1.35	3.05	5.10	7.18	8.86	10.0	10.7	10.7	10.0	8.81	7.15	5.18	3.17	1.46	0.35	0.04	93.8	93.4	0.03	0.35	0.04	93.8	93.4		
-50	0.03	0.26	1.06	2.45	4.26	5.97	7.35	8.40	9.02	9.01	8.38	7.31	5.92	4.24	2.53	1.11	0.28	0.04	77.6	77.1	0.03	0.28	0.04	77.6	77.1		
-60	0.03	0.22	0.77	1.80	3.17	4.50	5.62	6.49	7.02	7.00	6.45	5.57	4.42	3.14	1.81	0.77	0.24	0.04	59.1	58.2	0.03	0.24	0.04	59.1	58.2		
-70	0.03	0.18	0.55	1.20	2.10	2.93	3.66	4.27	4.67	4.66	4.24	3.62	2.87	2.03	1.17	0.57	0.20	0.04	39.0	37.7	0.03	0.20	0.04	39.0	37.7		
-80	0.03	0.15	0.39	0.75	1.23	1.69	2.12	2.51	2.83	2.82	2.48	2.08	1.63	1.17	0.73	0.39	0.16	0.03	23.2	20.1	0.03	0.16	0.03	23.2	20.1		
-90																											
φ t	0.55	6.20	23.3	51.8	86.4	120	149	169	179	179	168	148	120	87.6	53.9	25.4	6.91	0.77	1640								
φ a	0.00	3.39	21.9	51.2	86.1	120	149	169	179	179	168	148	120	87.2	53.3	24.0	4.08	0.00			1573						

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:

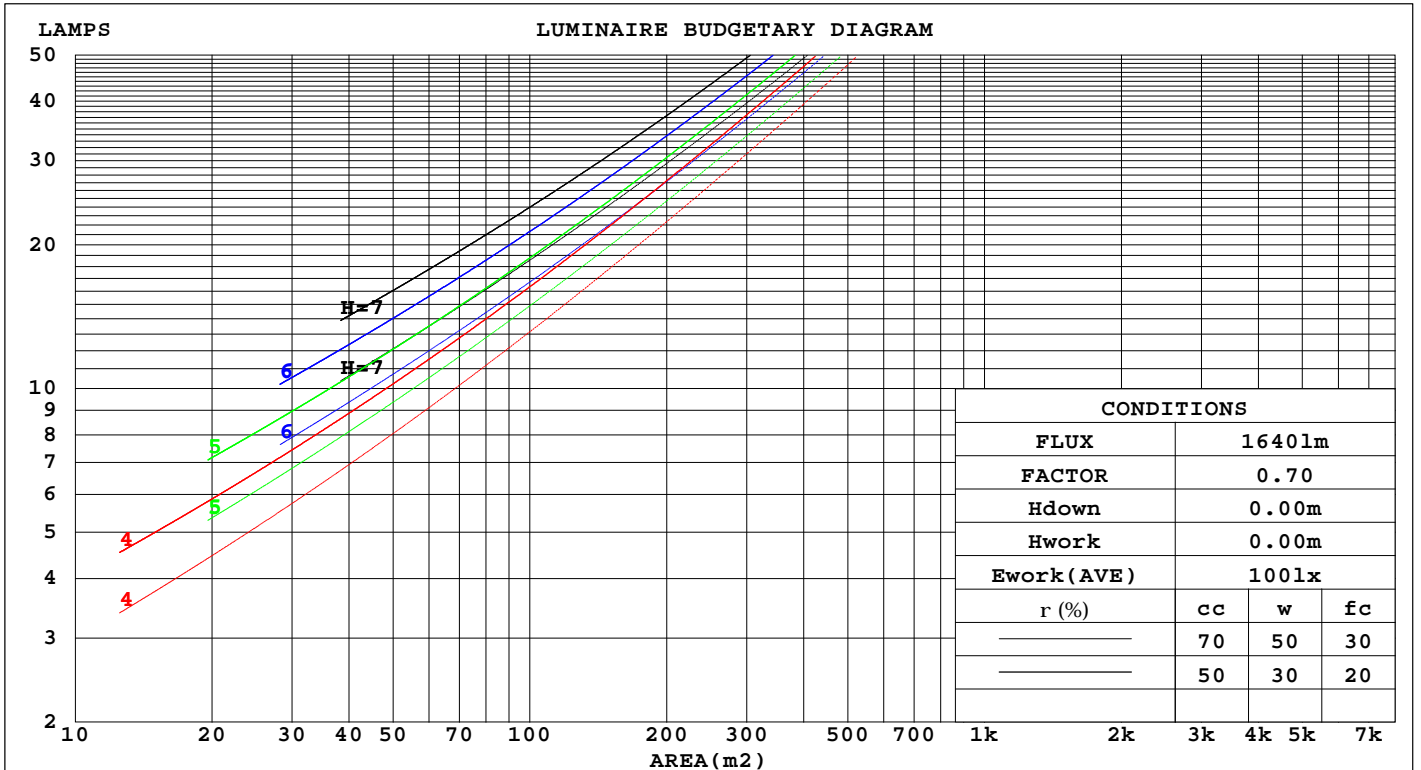
GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003

r _{cc}	80%			70%			50%			30%			10%			0
r _w	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	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.96
1.0	1.01	.96	.92	.98	.94	.90	.93	.90	.87	.89	.86	.83	.85	.82	.80	.78
2.0	.87	.80	.74	.85	.78	.73	.81	.75	.70	.77	.72	.68	.73	.69	.66	.64
3.0	.76	.68	.61	.74	.66	.60	.71	.64	.58	.67	.62	.57	.64	.59	.55	.53
4.0	.67	.58	.51	.66	.57	.50	.63	.55	.49	.60	.53	.48	.57	.52	.47	.45
5.0	.60	.51	.44	.58	.50	.43	.56	.48	.42	.53	.47	.41	.51	.45	.41	.38
6.0	.54	.44	.38	.53	.44	.38	.50	.43	.37	.48	.41	.36	.46	.40	.36	.33
7.0	.49	.40	.33	.48	.39	.33	.46	.38	.32	.44	.37	.32	.42	.36	.31	.29
8.0	.44	.36	.30	.43	.35	.29	.42	.34	.29	.40	.33	.28	.39	.33	.28	.26
9.0	.41	.32	.26	.40	.32	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.23
10.0	.37	.29	.24	.37	.29	.24	.35	.28	.23	.34	.28	.23	.33	.27	.23	.21



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-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003

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	.344	.196	.062	.336	.192	.061	.320	.184	.059	.306	.176	.057	.293	.170	.055	
2.0	.312	.171	.052	.305	.168	.052	.291	.162	.050	.278	.156	.049	.266	.150	.047	
3.0	.284	.151	.045	.277	.148	.045	.265	.143	.044	.253	.139	.043	.243	.134	.042	
4.0	.259	.135	.040	.253	.133	.039	.242	.128	.038	.232	.124	.038	.222	.121	.037	
5.0	.238	.121	.035	.233	.119	.035	.223	.116	.034	.213	.113	.033	.205	.109	.033	
6.0	.219	.110	.031	.215	.108	.031	.206	.105	.031	.197	.103	.030	.190	.100	.030	
7.0	.203	.101	.028	.199	.099	.028	.191	.097	.028	.183	.094	.027	.176	.092	.027	
8.0	.189	.092	.026	.185	.091	.026	.178	.089	.025	.171	.087	.025	.165	.085	.025	
9.0	.177	.086	.024	.173	.085	.024	.167	.083	.023	.161	.081	.023	.155	.079	.023	
10.0	.166	.080	.022	.163	.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	.221	.221	.221	.188	.188	.188	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.213	.186	.162	.182	.160	.139	.125	.110	.096	.072	.064	.056	.023	.020	.018	
2.0	.205	.162	.126	.176	.140	.109	.121	.097	.076	.070	.056	.045	.022	.018	.015	
3.0	.198	.145	.103	.170	.125	.089	.116	.087	.063	.067	.051	.037	.022	.016	.012	
4.0	.190	.132	.088	.163	.114	.076	.112	.080	.054	.065	.047	.032	.021	.015	.010	
5.0	.183	.122	.077	.157	.105	.067	.108	.074	.047	.063	.043	.028	.020	.014	.009	
6.0	.175	.114	.069	.151	.098	.060	.104	.069	.043	.060	.040	.025	.019	.013	.008	
7.0	.168	.107	.064	.145	.093	.055	.100	.065	.039	.058	.038	.023	.019	.013	.008	
8.0	.162	.101	.059	.139	.088	.052	.096	.062	.037	.056	.036	.022	.018	.012	.007	
9.0	.155	.096	.056	.134	.083	.049	.093	.059	.035	.054	.035	.021	.017	.011	.007	
10.0	.150	.092	.053	.129	.080	.047	.089	.056	.033	.052	.033	.020	.017	.011	.007	

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-2835-128-24-8-12.5-8-3000K-65-5M					TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 2835/128D			CCT(K): 3000			DIMENSION: 1M*0.01M			SERIAL No.: 20220106003	
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	17.7	19.2	18.0	19.5	19.8	18.5	20.1	18.9	20.3	20.6
3H	19.0	20.4	19.3	20.7	21.0	20.5	22.0	20.9	22.3	22.6
4H	19.3	20.7	19.7	21.0	21.4	21.4	22.8	21.8	23.1	23.4
6H	19.4	20.7	19.8	21.0	21.4	22.4	23.7	22.8	24.0	24.4
8H	19.4	20.6	19.8	21.0	21.4	22.9	24.1	23.3	24.5	24.9
12H	19.4	20.6	19.8	20.9	21.3	23.5	24.7	23.9	25.0	25.4
4H 2H	18.5	19.9	18.9	20.2	20.5	19.1	20.5	19.5	20.8	21.2
3H	20.0	21.2	20.4	21.6	22.0	21.3	22.5	21.8	22.9	23.3
4H	20.6	21.6	21.0	22.0	22.4	22.4	23.5	22.8	23.8	24.3
6H	20.7	21.7	21.2	22.1	22.6	23.5	24.5	24.0	24.9	25.4
8H	20.8	21.7	21.3	22.1	22.6	24.1	25.0	24.6	25.5	25.9
12H	20.8	21.6	21.3	22.1	22.6	24.8	25.6	25.3	26.1	26.6
8H 4H	21.1	22.0	21.6	22.4	22.9	22.6	23.5	23.1	24.0	24.5
6H	21.5	22.3	22.0	22.7	23.3	24.0	24.8	24.5	25.2	25.7
8H	21.7	22.4	22.2	22.9	23.4	24.8	25.5	25.3	25.9	26.5
12H	21.8	22.4	22.4	22.9	23.5	25.7	26.2	26.2	26.8	27.3
12H 4H	21.2	22.0	21.7	22.5	23.0	22.6	23.5	23.1	23.9	24.4
6H	21.8	22.4	22.3	22.9	23.5	24.1	24.7	24.6	25.2	25.8
8H	22.0	22.6	22.6	23.1	23.7	24.9	25.5	25.5	26.0	26.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 1640 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.7)

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-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003

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	54	42	35	53	42	35	52	41	35	28
0.80	64	52	44	63	51	44	61	50	43	36
1.00	72	60	53	71	60	52	68	61	52	44
1.25	79	68	60	78	67	60	75	65	59	51
1.50	84	74	66	82	73	65	79	70	64	56
2.00	91	82	75	89	81	74	85	78	72	63
2.50	96	87	80	93	85	79	89	82	77	67
3.00	99	91	85	97	90	84	92	86	81	72
4.00	103	97	92	101	95	90	96	91	87	77
5.00	106	100	96	103	98	94	98	94	90	80
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

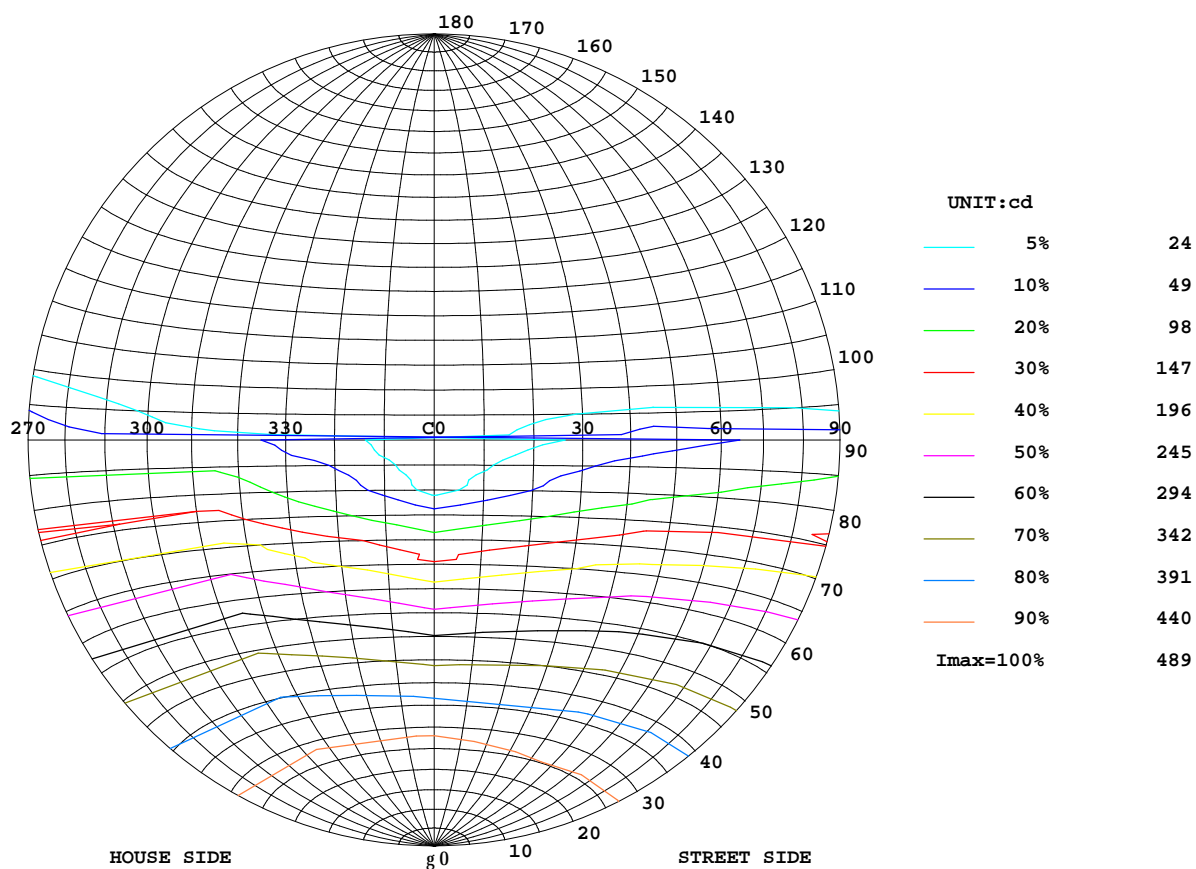
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

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-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003



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

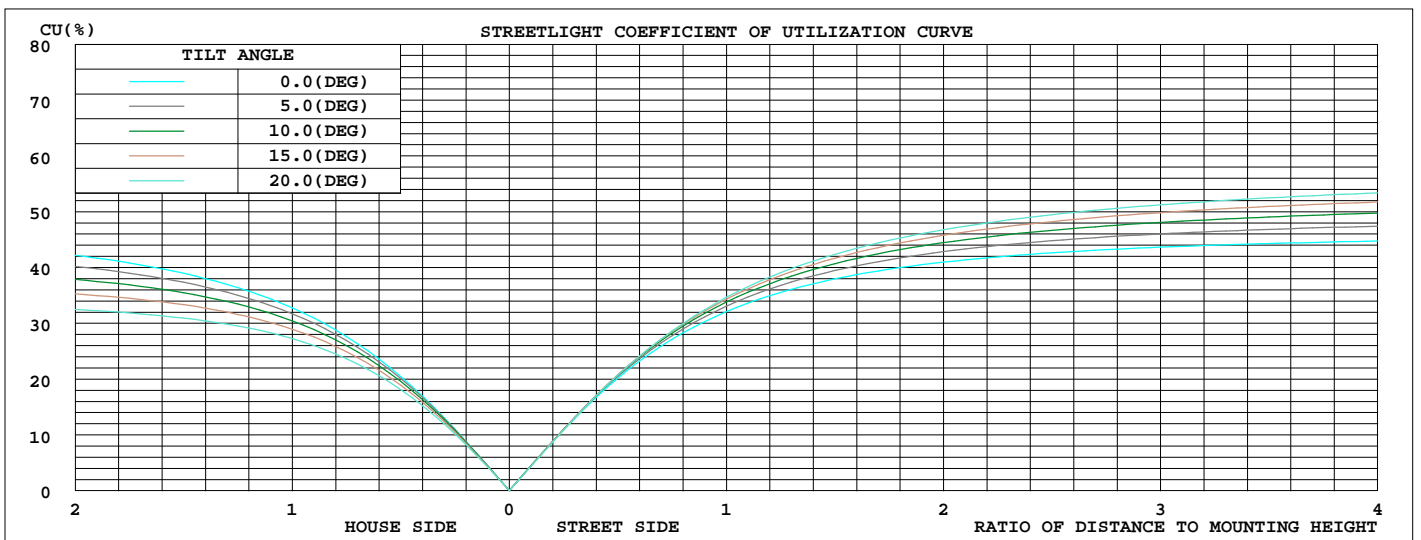
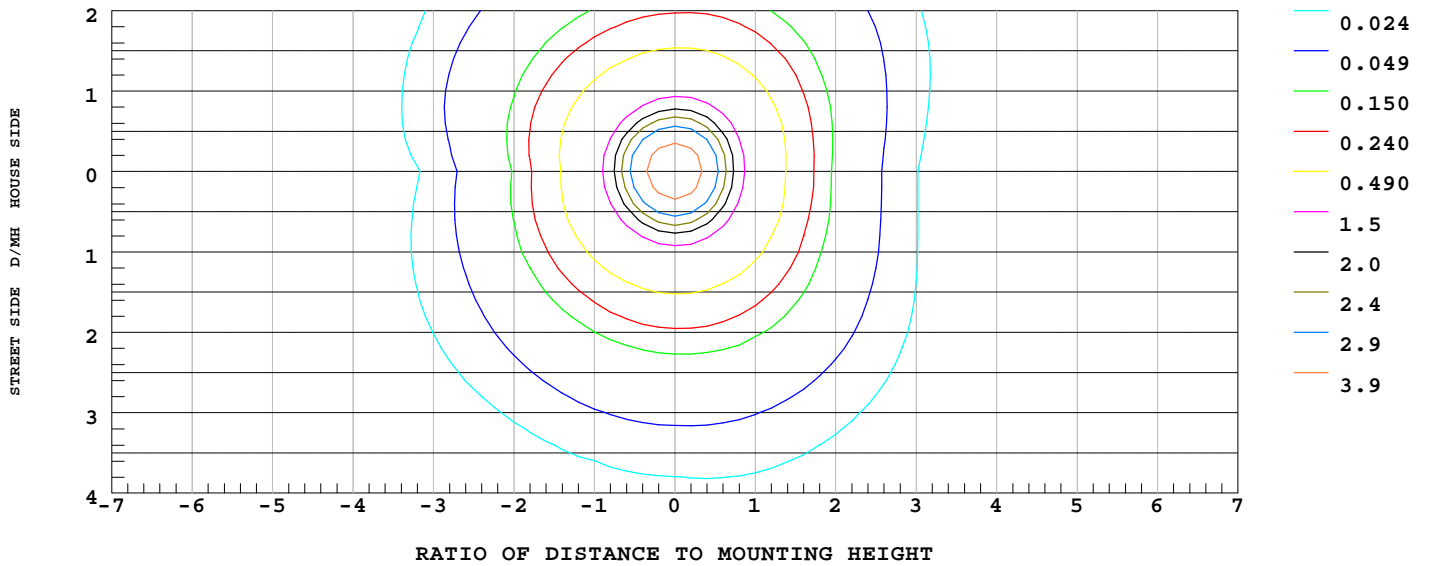
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: RS-HE-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003

ILLUMINANCE AT MH=10 m, Enadir = 4.88 lx



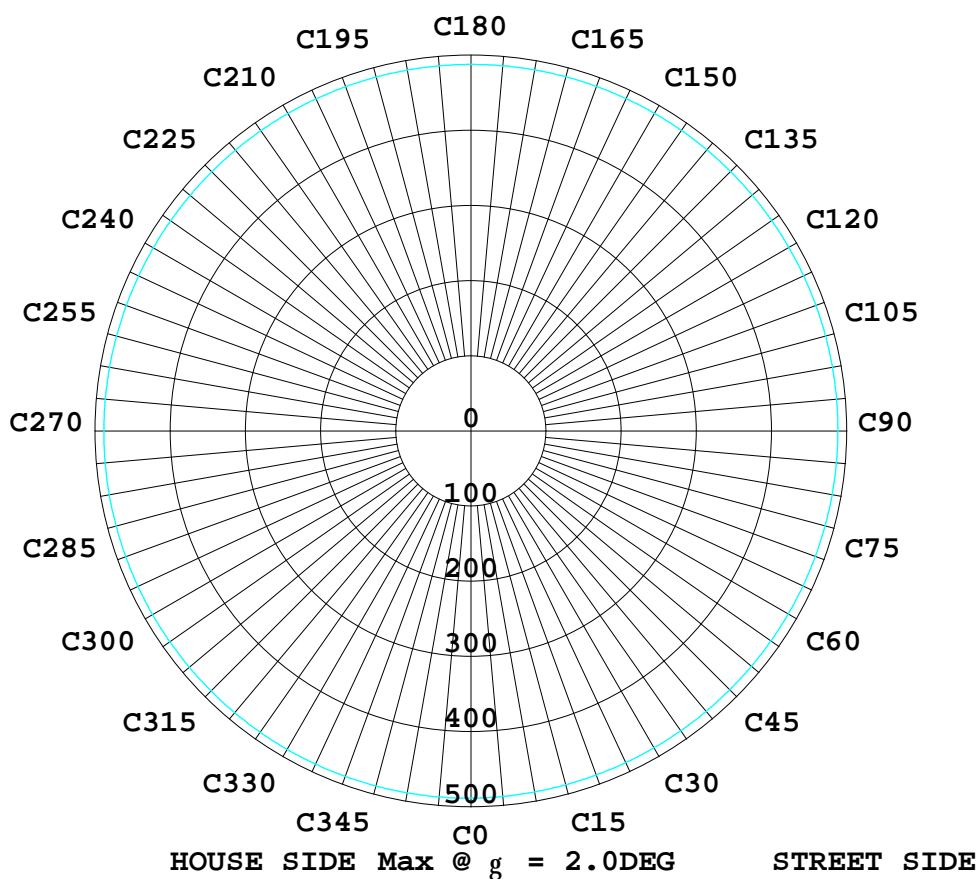
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2022年01月06日

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-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003



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-2835-128-24-8-12.5-8-3000K-65-5M		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/128D	CCT(K): 3000	DIMENSION: 1M*0.01M	SERIAL No.: 20220106003

UNIT: cd

γ (DEG)	C (DEG)							
	0	45	90	135	180	225	270	315
0.0	488	488	489	489	488	488	489	489
5.0	488	485	487	486	486	487	487	488
10.0	484	479	482	480	480	483	483	485
15.0	476	469	473	471	470	476	475	478
20.0	465	457	461	459	457	466	464	467
25.0	451	441	447	443	441	453	451	453
30.0	429	422	429	424	414	437	434	436
35.0	401	400	409	403	382	417	414	414
40.0	368	376	386	378	348	394	392	383
45.0	333	348	360	350	312	369	366	347
50.0	294	318	331	320	275	340	339	325
55.0	252	285	302	287	232	309	309	302
60.0	207	250	269	252	180	276	277	272
65.0	154	214	235	216	136	240	244	236
70.0	114	171	198	173	91.4	202	213	196
75.0	60.7	132	144	134	49.1	157	159	141
80.0	15.9	91.3	127	95.4	15.1	125	127	121
85.0	10.3	63.2	97.1	66.1	4.80	94.3	92.3	92.4
90.0	8.67	35.6	66.5	38.1	4.87	61.4	60.3	60.9
95.0	8.20	11.2	45.2	11.9	5.11	21.1	33.6	24.2
100.0	8.05	4.72	18.5	5.18	5.42	10.3	5.26	10.3
105.0	7.89	5.03	9.75	5.34	5.73	9.83	5.42	9.91
110.0	7.89	5.34	9.29	5.57	6.04	9.52	5.73	9.60
115.0	7.89	5.65	9.13	5.73	6.35	9.29	6.04	9.44
120.0	8.05	5.96	9.06	5.96	6.65	9.13	6.35	9.21
125.0	8.13	6.27	9.06	6.27	6.96	9.13	6.58	9.29
130.0	8.28	6.58	9.06	6.58	7.27	9.13	6.89	9.29
135.0	8.44	6.89	9.13	6.89	7.58	9.21	7.12	9.29
140.0	8.59	7.20	9.21	7.12	7.82	9.29	7.43	9.37
145.0	8.75	7.43	9.29	7.43	8.13	9.37	7.66	9.44
150.0	8.90	7.66	9.37	7.66	8.36	9.44	7.89	9.52
155.0	9.06	7.89	9.44	7.82	8.51	9.52	8.05	9.52
160.0	9.13	8.05	9.44	8.05	8.75	9.52	8.20	9.60
165.0	9.29	8.28	9.52	8.20	8.90	9.60	8.44	9.60
170.0	9.37	8.36	9.60	8.36	9.06	9.60	8.51	9.60
175.0	9.44	8.51	9.60	8.44	9.13	9.60	8.59	9.60
180.0	9.37	8.67	9.52	8.67	9.52	9.44	8.75	9.37

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: