

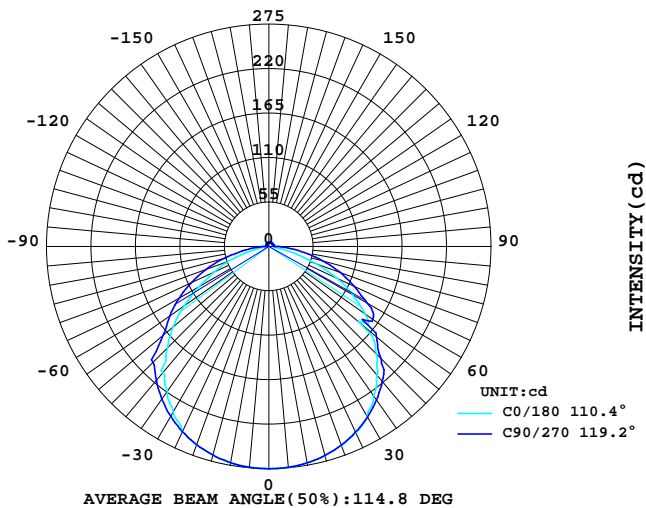
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

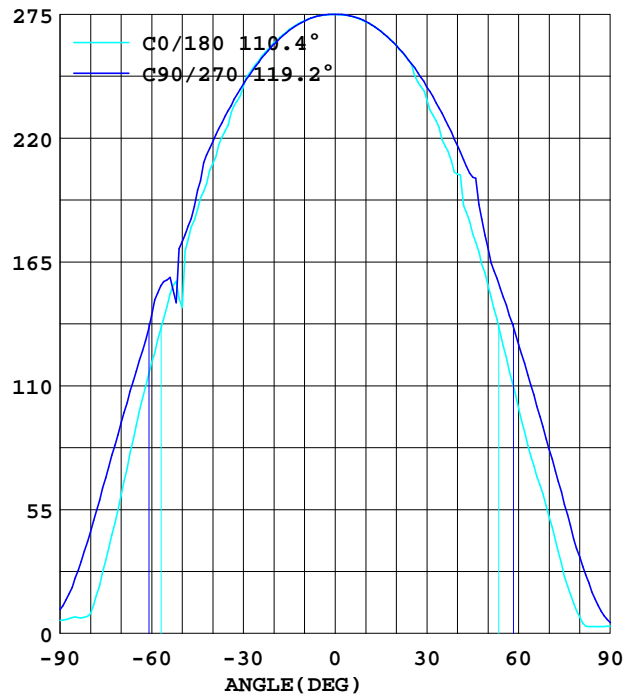
MANUFACTURER:			
Address:			
NAME: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003

DATA OF LAMP		Imax(cd)	274.8	S/MH(C0/180)	1.31
MODEL	2835	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	5	TOTAL FLUX(lm)	854.60	Voltage(V)	23.96
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	156.5	Current(A)	0.227
NOMINAL FLUX(lm)	854.6	h up(%)	3.6	Power(W)	5.460
LAMPS QUANTITY	1	h down(%)	96.4	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	811.2	EEL	0.084

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年11月02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: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003

---

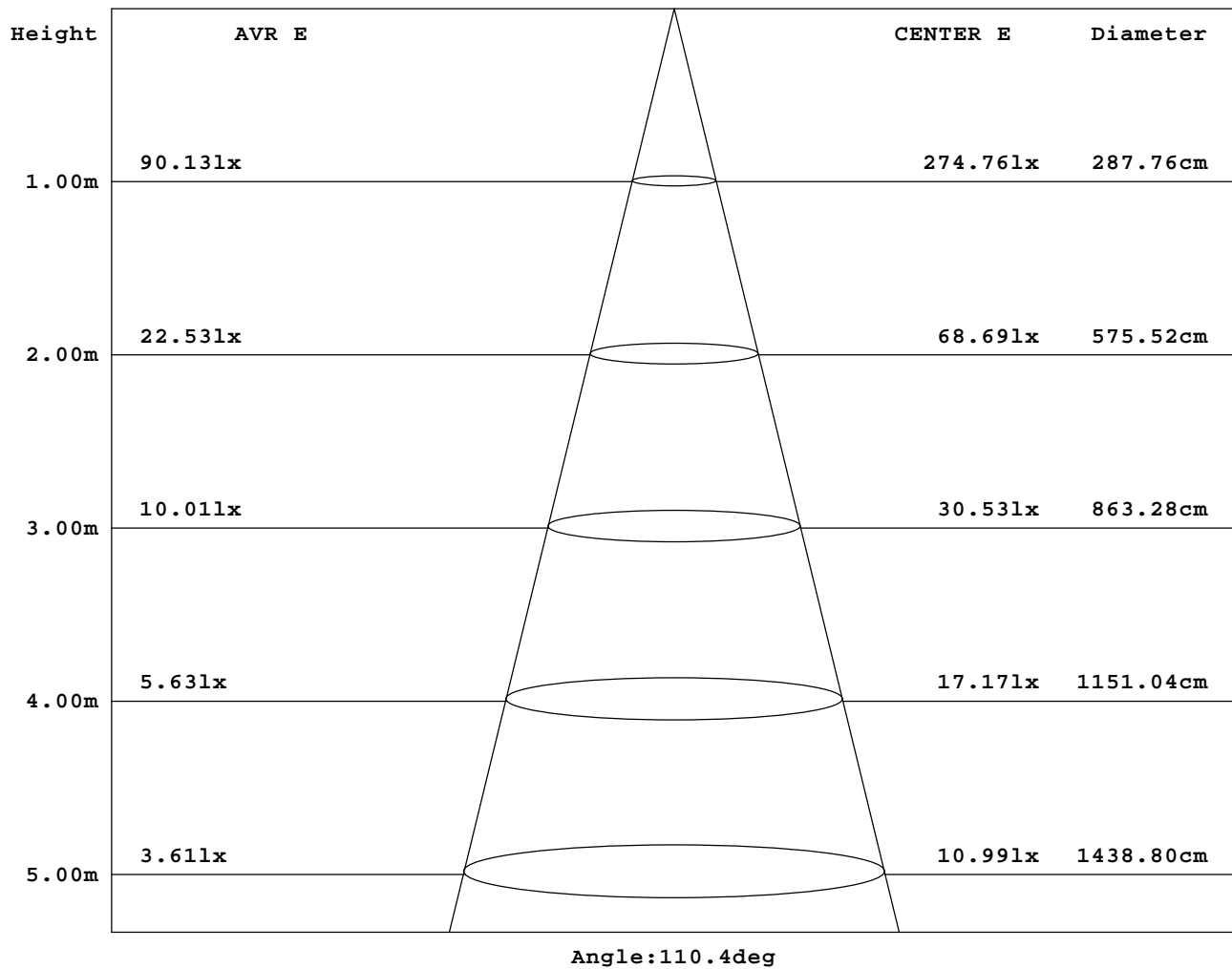
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年11月02日

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: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003



Test System: HOPOO HPG1800  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021年11月02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: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003

g	C0	C45	C90	C135	C180	C225	C270	C315	g	4one	tBtal
5.0	274.1	273.2	274.2	273.7	273.9	274.7	274.0	274.3	0- 5	6.560	6.560
10.0	271.9	269.9	271.8	271.1	271.5	273.2	271.6	272.3	5- 10	19.52	26.08
15.0	268.0	264.9	267.6	266.4	267.1	269.9	267.1	268.5	10- 15	31.98	58.07
20.0	262.1	258.2	261.5	260.2	261.1	264.6	261.0	262.7	15- 20	43.59	101.6
25.0	254.2	249.4	253.4	251.8	252.7	257.4	252.8	255.0	20- 25	54.00	155.6
30.0	242.8	238.6	243.8	241.4	237.1	248.5	242.5	245.7	25- 30	62.77	218.4
35.0	225.5	226.5	232.0	229.6	219.1	237.1	230.8	234.2	30- 35	69.53	287.9
40.0	208.3	211.9	218.1	215.4	203.8	223.8	216.5	220.4	35- 40	74.12	362.1
45.0	188.2	192.8	196.7	202.1	177.1	208.7	202.5	205.2	40- 45	76.28	438.3
50.0	144.6	174.6	173.9	178.5	154.7	191.3	171.3	187.7	45- 50	74.88	513.2
55.0	144.8	146.8	156.8	150.9	127.6	171.6	149.3	144.5	50- 55	70.21	583.4
60.0	120.0	120.7	141.0	123.2	99.89	143.2	128.1	138.1	55- 60	64.08	647.5
65.0	92.07	99.43	116.2	101.6	74.34	116.8	105.9	114.8	60- 65	55.64	703.2
70.0	61.48	74.41	93.54	76.89	51.96	91.53	81.93	86.88	65- 70	45.34	748.5
75.0	32.44	51.11	69.15	53.27	25.32	70.85	57.30	65.35	70- 75	34.37	782.9
80.0	8.750	31.98	44.91	32.83	7.356	45.45	33.99	43.21	75- 80	22.12	805.0
85.0	7.279	14.48	24.54	14.71	3.097	27.18	15.33	24.47	80- 85	12.77	817.8
90.0	5.808	4.491	10.53	4.414	3.175	12.00	4.723	10.76	85- 90	6.076	823.9
95.0	5.575	3.020	6.350	3.329	3.329	6.737	2.865	6.582	90- 95	2.983	826.9
100.0	5.343	3.097	5.653	3.020	3.562	6.195	3.020	6.117	95-100	2.487	829.3
105.0	5.265	3.252	5.420	3.175	3.717	6.040	3.175	5.962	100-105	2.406	831.8
110.0	5.188	3.407	5.343	3.407	3.872	5.885	3.407	5.885	105-110	2.370	834.1
115.0	5.188	3.639	5.265	3.484	4.104	5.730	3.562	5.653	110-115	2.304	836.4
120.0	5.265	3.794	5.188	3.639	4.259	5.653	3.717	5.653	115-120	2.240	838.7
125.0	5.265	3.949	5.265	3.794	4.414	5.575	3.949	5.575	120-125	2.166	840.8
130.0	5.343	4.104	5.265	4.026	4.646	5.575	4.104	5.653	125-130	2.077	842.9
135.0	5.420	4.259	5.343	4.259	4.801	5.653	4.259	5.653	130-135	1.981	844.9
140.0	5.498	4.491	5.420	4.336	4.956	5.730	4.414	5.730	135-140	1.858	846.8
145.0	5.575	4.568	5.498	4.568	5.188	5.730	4.568	5.730	140-145	1.709	848.5
150.0	5.653	4.723	5.575	4.646	5.265	5.808	4.723	5.808	145-150	1.540	850.0
155.0	5.730	4.801	5.575	4.801	5.420	5.808	4.801	5.808	150-155	1.343	851.3
160.0	5.730	4.956	5.653	4.878	5.575	5.808	4.956	5.808	155-160	1.129	852.5
165.0	5.808	5.033	5.730	4.956	5.653	5.808	5.033	5.808	160-165	0.899	853.4
170.0	5.808	5.111	5.730	5.033	5.730	5.808	5.111	5.808	165-170	0.653	854.0
175.0	5.808	5.188	5.808	5.111	5.730	5.808	5.188	5.808	170-175	0.397	854.4
180.0	5.808	5.265	5.730	5.265	6.040	5.730	5.265	5.730	175-180	0.133	854.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年11月02日

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

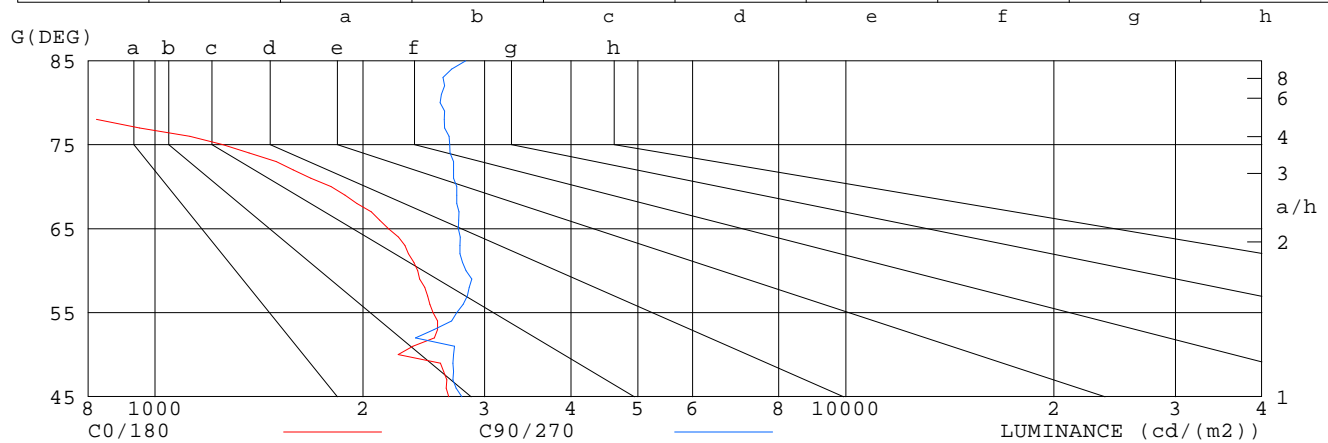
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003

## 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	835	2817
80	504	2587
75	1254	2672
70	1798	2735
65	2179	2750
60	2401	2820
55	2526	2735
50	2250	2706
45	2662	2783

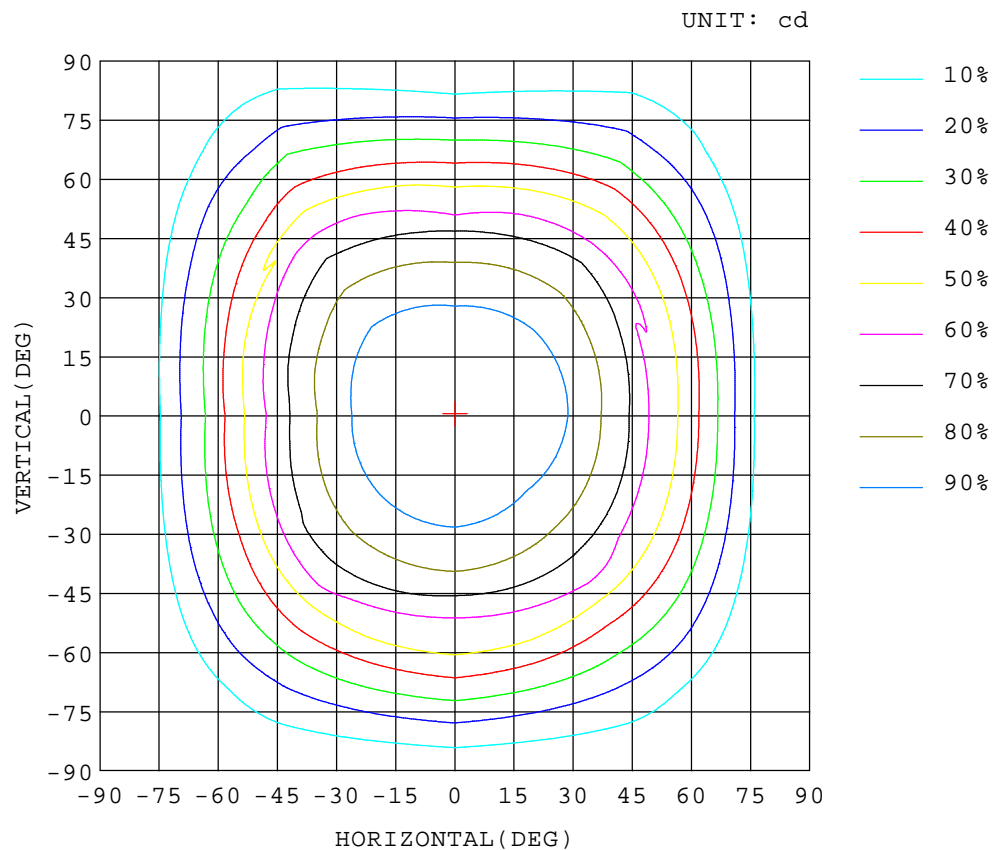
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2021年11月02日

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: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003



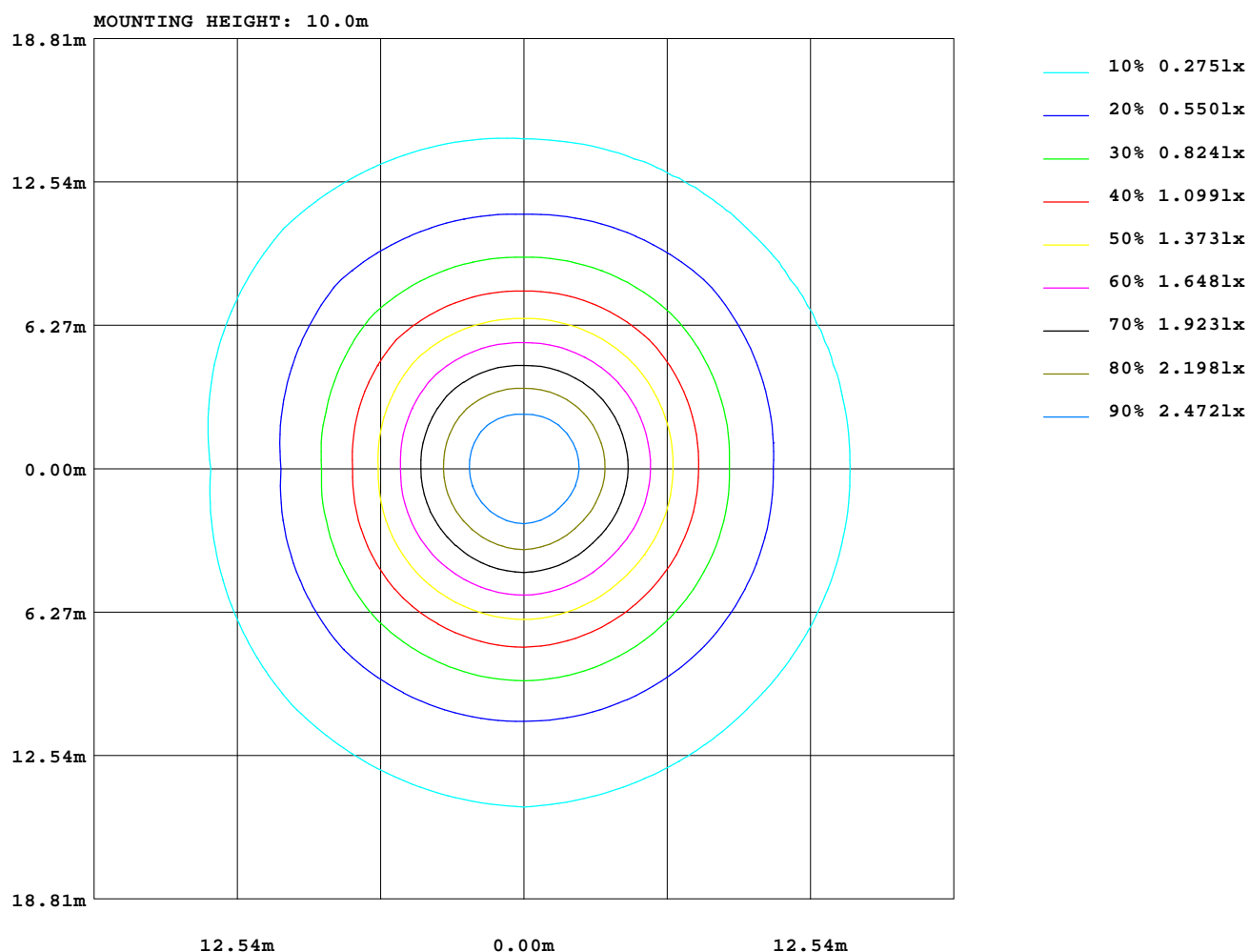
Test System: HOPOO HPG1800  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2021年11月02日

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: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003



Test System: HOPOO HPG1800  
Temperature: 25.3DEG  
Operators:  
Test Date: 2021年11月02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: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003

90	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a									
	0.01	0.06	0.15	0.29	0.47	0.56	0.59	0.59	0.54	0.53	0.56	0.55	0.51	0.42	0.27	0.15	0.07	0.02	6.32	1.92										
80	0.01	0.08	0.25	0.57	1.01	1.34	1.59	1.73	1.77	1.76	1.69	1.53	1.28	0.96	0.54	0.25	0.09	0.02	16.5	15.6										
70	0.01	0.10	0.37	0.93	1.69	2.29	2.75	3.08	3.21	3.20	3.04	2.69	2.19	1.60	0.91	0.37	0.12	0.02	28.6	28.0										
60	0.02	0.13	0.55	1.31	2.27	3.25	3.94	4.41	4.57	4.54	4.32	3.85	3.19	2.25	1.31	0.57	0.14	0.02	40.6	40.3										
50	0.02	0.16	0.73	1.64	2.86	4.17	5.11	5.72	6.02	6.00	5.67	4.99	3.98	2.88	1.72	0.76	0.18	0.02	52.7	52.4										
40	0.01	0.20	0.87	1.93	3.36	4.84	5.96	6.66	6.98	6.96	6.60	5.88	4.78	3.34	2.08	0.94	0.22	0.02	61.7	61.5										
30	0.01	0.23	0.96	2.14	3.71	5.22	6.50	7.30	7.65	7.63	7.24	6.44	5.22	3.73	2.32	1.08	0.26	0.02	67.7	67.5										
VERTICAL(°)	0.01	0.24	1.00	2.27	3.86	5.46	6.79	7.70	8.09	8.07	7.65	6.79	5.51	3.95	2.47	1.17	0.28	0.02	71.4	71.2										
	0.01	0.24	1.00	2.28	3.89	5.52	6.91	7.84	8.28	8.27	7.84	6.97	5.64	4.04	2.50	1.20	0.29	0.02	72.8	72.6										
	0.01	0.24	0.99	2.26	3.87	5.49	6.88	7.80	8.25	8.24	7.79	6.94	5.61	4.01	2.48	1.19	0.28	0.02	72.4	72.2										
	0.01	0.23	0.98	2.20	3.79	5.37	6.67	7.58	8.05	8.03	7.53	6.67	5.42	3.86	2.42	1.14	0.27	0.02	70.3	70.1										
	0.01	0.21	0.91	2.04	3.56	5.08	6.31	7.17	7.62	7.60	7.11	6.24	5.06	3.60	2.22	1.03	0.24	0.02	66.1	65.9										
	0.01	0.18	0.80	1.79	3.14	4.60	5.76	6.54	6.97	6.95	6.49	5.66	4.51	3.19	1.93	0.88	0.20	0.02	59.6	59.4										
	0.01	0.14	0.65	1.49	2.57	3.81	4.82	5.54	5.92	5.89	5.47	4.73	3.74	2.59	1.57	0.69	0.15	0.02	49.8	49.6										
	0.01	0.10	0.46	1.14	1.99	2.91	3.75	4.35	4.66	4.65	4.31	3.68	2.82	1.98	1.16	0.48	0.11	0.02	38.6	38.2										
	0.01	0.07	0.28	0.73	1.36	2.02	2.62	3.12	3.45	3.44	3.09	2.58	1.97	1.33	0.73	0.29	0.09	0.02	27.2	26.6										
	0.01	0.05	0.16	0.39	0.74	1.11	1.48	1.80	2.03	2.02	1.78	1.45	1.08	0.71	0.39	0.18	0.07	0.02	15.4	14.1										
-30	0.01	0.03	0.08	0.15	0.25	0.38	0.51	0.64	0.74	0.74	0.64	0.51	0.38	0.25	0.16	0.09	0.05	0.02	5.60	1.77										
-40																														
-50																														
-60																														
-70																														
-80																														
-90																														
HORIZONTAL(°)																					20	30	40	50	60	70	80	90		
Φ t	0.22	2.68	11.1	25.6	44.4	63.4	79.0	89.6	94.8	94.6	88.9	78.2	62.9	44.7	27.2	12.5	3.11	0.37	855											
Φ a	0.00	1.33	10.1	24.7	43.7	62.8	78.3	88.9	94.2	93.9	88.1	77.4	62.2	44.0	26.3	11.4	1.74	0.00		811										

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年11月02日

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

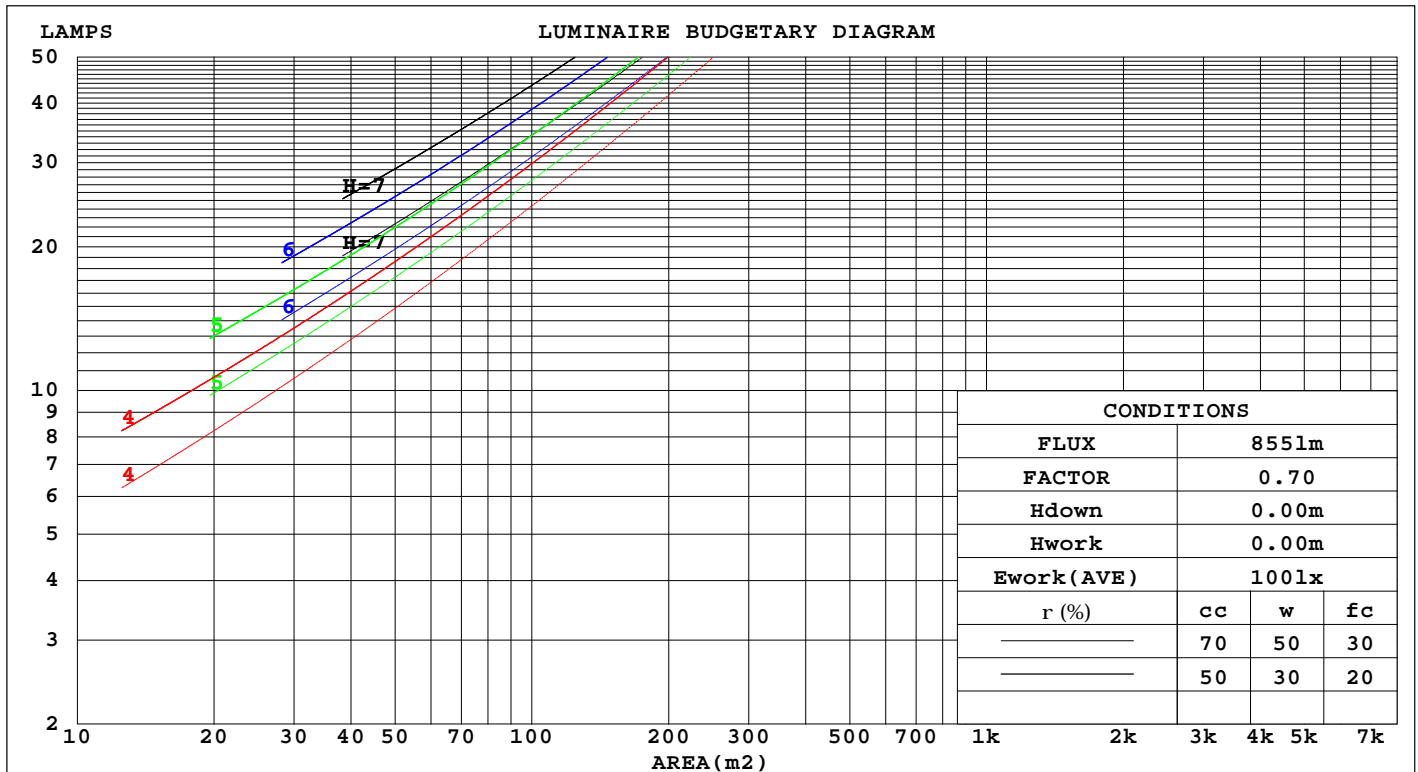


## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003

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	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.96
1.0	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.43	.41
6.0	.56	.47	.40	.55	.46	.40	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36
7.0	.50	.42	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.32	.45	.37	.31	.43	.36	.31	.42	.35	.31	.40	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.26	.38	.31	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年11月02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: CIL2835-4.8W-64D-4000K-IP20						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 2835/64			CCT(K): 4000			DIMENSION: 1M*0.008M			SERIAL No.: 20211102003		

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	.312	.177	.056	.304	.173	.055	.288	.165	.053	.274	.158	.051	.261	.151	.049	
2.0	.292	.160	.049	.285	.157	.048	.271	.151	.047	.259	.145	.045	.247	.140	.044	
3.0	.270	.144	.043	.263	.141	.042	.251	.136	.041	.240	.132	.040	.230	.127	.039	
4.0	.249	.129	.038	.243	.127	.038	.232	.123	.037	.222	.119	.036	.213	.116	.035	
5.0	.230	.117	.034	.225	.115	.034	.215	.112	.033	.206	.109	.032	.198	.106	.032	
6.0	.213	.107	.031	.209	.105	.030	.200	.103	.030	.192	.100	.029	.184	.097	.029	
7.0	.199	.098	.028	.194	.097	.028	.187	.094	.027	.179	.092	.027	.172	.090	.026	
8.0	.185	.091	.025	.182	.089	.025	.175	.087	.025	.168	.085	.025	.162	.083	.024	
9.0	.174	.084	.023	.170	.083	.023	.164	.081	.023	.158	.079	.023	.152	.077	.022	
10.0	.163	.078	.022	.160	.077	.022	.154	.076	.021	.149	.074	.021	.144	.072	.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	
rfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.218	.218	.218	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023		
1.0	.208	.184	.162	.178	.158	.139	.122	.108	.096	.070	.063	.056	.022	.020	.018		
2.0	.200	.160	.126	.171	.137	.109	.117	.095	.076	.068	.055	.044	.022	.018	.014		
3.0	.192	.142	.102	.165	.123	.089	.113	.085	.062	.065	.050	.037	.021	.016	.012		
4.0	.185	.129	.086	.159	.111	.075	.109	.078	.053	.063	.046	.031	.020	.015	.010		
5.0	.177	.119	.075	.152	.103	.066	.105	.072	.046	.061	.042	.027	.020	.014	.009		
6.0	.170	.110	.067	.146	.096	.059	.101	.067	.042	.059	.039	.025	.019	.013	.008		
7.0	.164	.104	.062	.141	.090	.054	.097	.063	.038	.056	.037	.023	.018	.012	.007		
8.0	.157	.098	.057	.135	.085	.050	.094	.060	.035	.054	.035	.021	.018	.012	.007		
9.0	.151	.093	.054	.130	.081	.047	.090	.057	.033	.053	.033	.020	.017	.011	.007		
10.0	.145	.089	.051	.125	.077	.044	.087	.054	.032	.051	.032	.019	.016	.011	.006		

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年11月02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: CIL2835-4.8W-64D-4000K-IP20					TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 2835/64		CCT(K): 4000			DIMENSION: 1M*0.008M			SERIAL No.: 20211102003		
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	15.8	17.2	16.1	17.5	17.8	16.3	17.7	16.6	18.0	18.3
	3H	17.0	18.3	17.3	18.6	18.9	18.0	19.3	18.3	19.6
	4H	17.3	18.6	17.6	18.9	19.2	18.7	20.0	19.1	20.3
	6H	17.3	18.5	17.7	18.9	19.2	19.3	20.5	19.7	20.9
	8H	17.3	18.4	17.7	18.8	19.2	19.5	20.7	19.9	21.0
	12H	17.3	18.4	17.7	18.7	19.1	19.7	20.8	20.1	21.2
4H	2H	16.4	17.7	16.7	18.0	18.3	16.7	18.0	17.1	18.4
	3H	17.7	18.9	18.1	19.2	19.6	18.6	19.8	19.0	20.1
	4H	18.2	19.2	18.6	19.6	20.0	19.5	20.5	19.9	20.9
	6H	18.3	19.2	18.7	19.6	20.0	20.2	21.1	20.7	21.5
	8H	18.3	19.1	18.7	19.6	20.0	20.5	21.4	21.0	21.8
	12H	18.3	19.1	18.8	19.5	20.0	20.8	21.6	21.3	22.0
8H	4H	18.4	19.3	18.9	19.7	20.2	19.6	20.5	20.1	20.9
	6H	18.7	19.4	19.2	19.9	20.4	20.5	21.2	21.0	21.7
	8H	18.8	19.4	19.3	19.9	20.4	20.9	21.6	21.4	22.0
	12H	18.9	19.4	19.4	19.9	20.5	21.3	21.8	21.8	22.3
12H	4H	18.5	19.3	19.0	19.7	20.2	19.6	20.4	20.1	20.9
	6H	18.8	19.4	19.3	19.9	20.4	20.5	21.2	21.1	21.7
	8H	18.9	19.5	19.5	20.0	20.5	21.0	21.5	21.5	22.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.2				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 854.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.5)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年11月02日

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

## UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:			
Address:			
NAME: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003

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) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	73	63	56	71	64	55	47
1.25	82	71	64	80	70	63	77	68	62	54
1.50	87	77	69	85	76	69	81	73	68	59
2.00	94	85	78	92	83	77	88	81	75	67
2.50	98	90	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	93	97	93	90	80
5.00	107	102	98	105	100	96	100	96	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

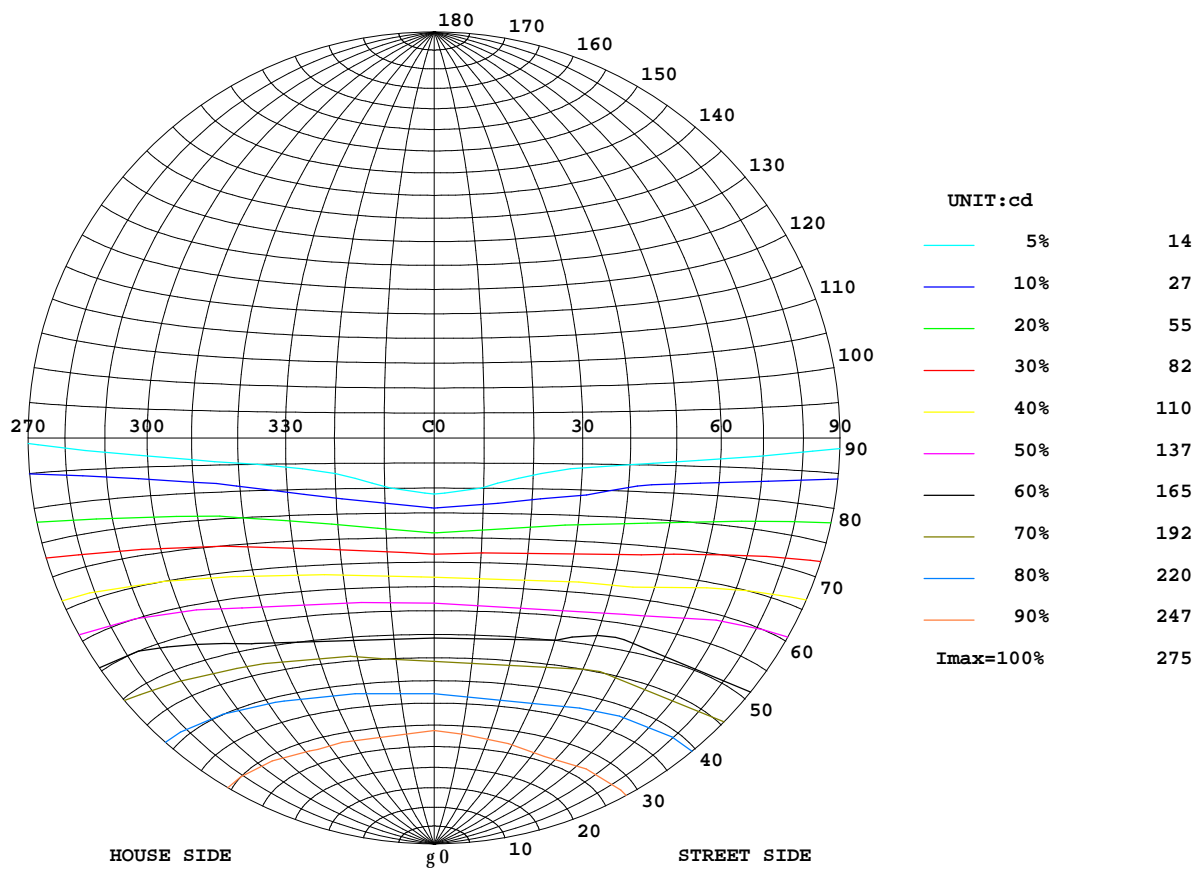
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年11月02日

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: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年11月02日

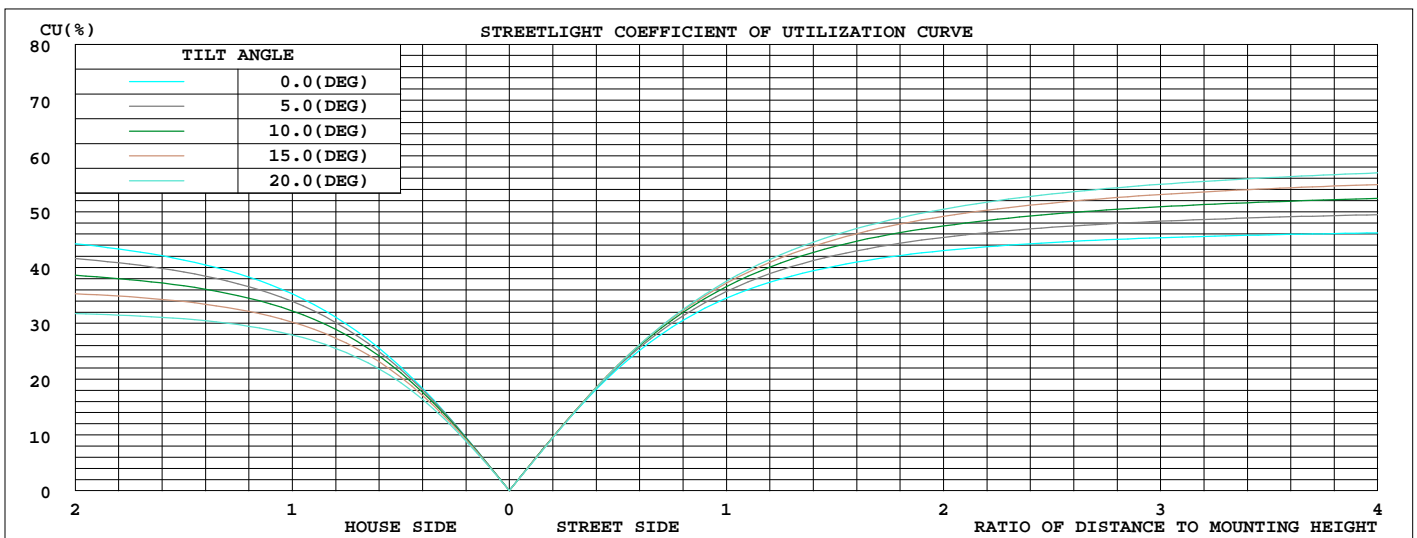
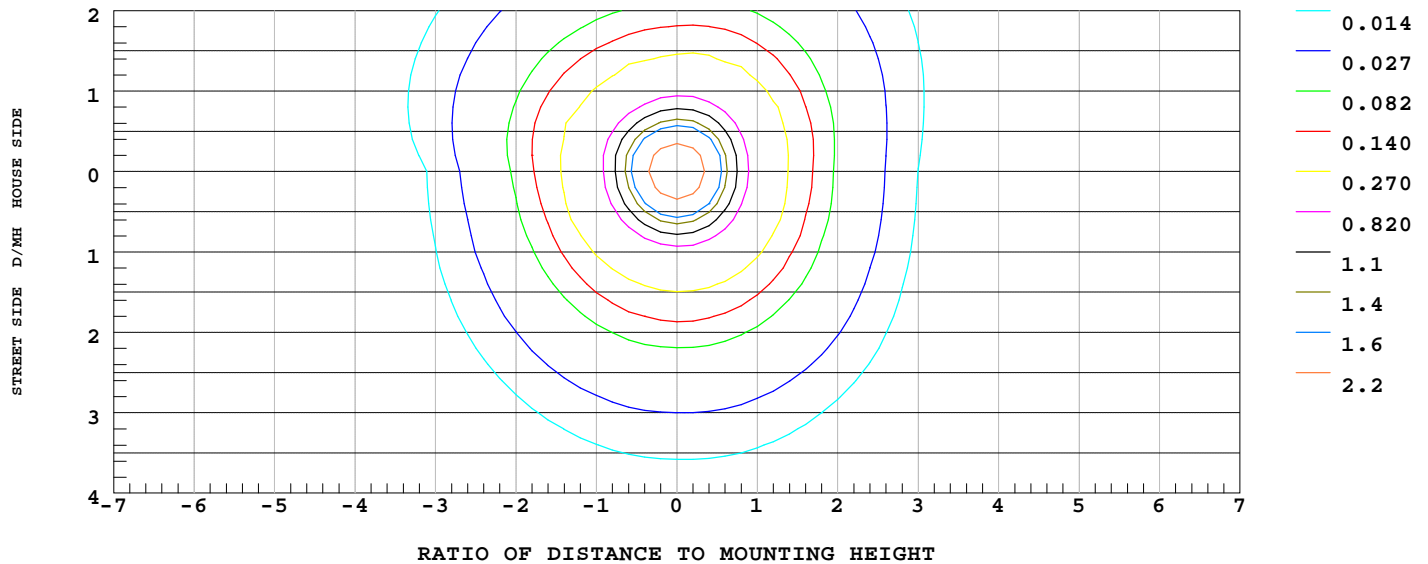
Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.800 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003

ILLUMINANCE AT MH=10 m, Enadir = 2.75 lx



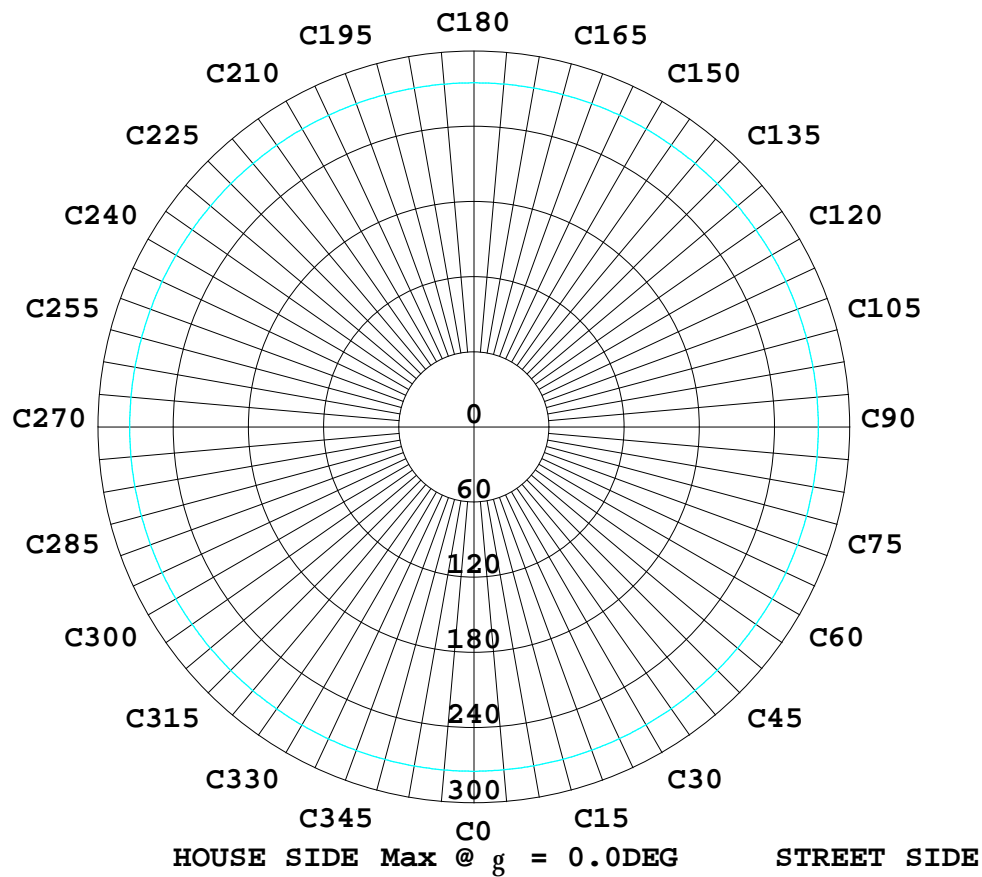
Test System: HOPOO HPG1800  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2021年11月02日

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: CIL2835-4.8W-64D-4000K-IP20		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 2835/64	CCT(K): 4000	DIMENSION: 1M*0.008M	SERIAL No.: 20211102003



Test System: HOPOO HPG1800  
Temperature: 25.3DEG  
Operators:  
Test Date: 2021年11月02日

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