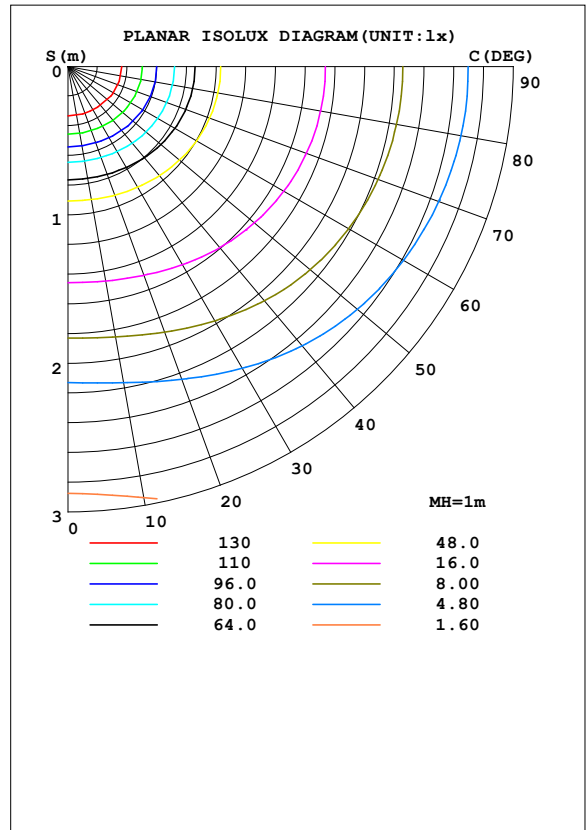
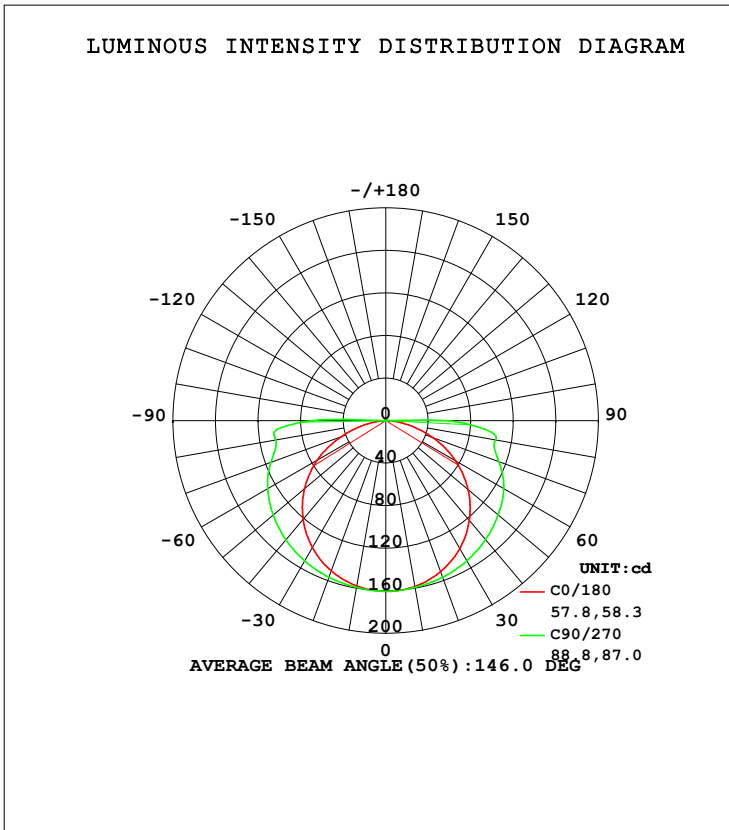


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.000V I:0.4134A P:9.9224W PF:1.0000 Freq:49.99Hz Lamp Flux:1.26124x528 lm		
NAME: COB Strip	TYPE: IP20 自由裁剪	WEIGHT:
SPEC.: 528LED/M COB 4000K Ra90	DIM.: 8*1000*1	SERIAL No.: 20241022001
MFR.: Wisva	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 67.13 lm/W			
MODEL	HH-SNW528F008W24-COB	I <sub>max</sub> (cd)	160.5	S/MH (C0/180)	1.28
NOMINAL POWER (W)	9.92243	LOR (%)	100.0	S/MH (C90/270)	1.43
RATED VOLTAGE (V)	24	TOTAL FLUX (lm)	666.11	<input type="checkbox"/> UP, DN (C0-180)	0.6, 49.1
NOMINAL FLUX (lm)	1.26124	CIE CLASS	DIRECT	<input type="checkbox"/> UP, DN (C180-360)	0.9, 49.4
LAMPS INSIDE	528	<input type="checkbox"/> up (%)	1.5	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	24	<input type="checkbox"/> down (%)	98.5	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 001  
 Test Date: 2024-10-22

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity: 65.0%  
 Test Distance: 7.950m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

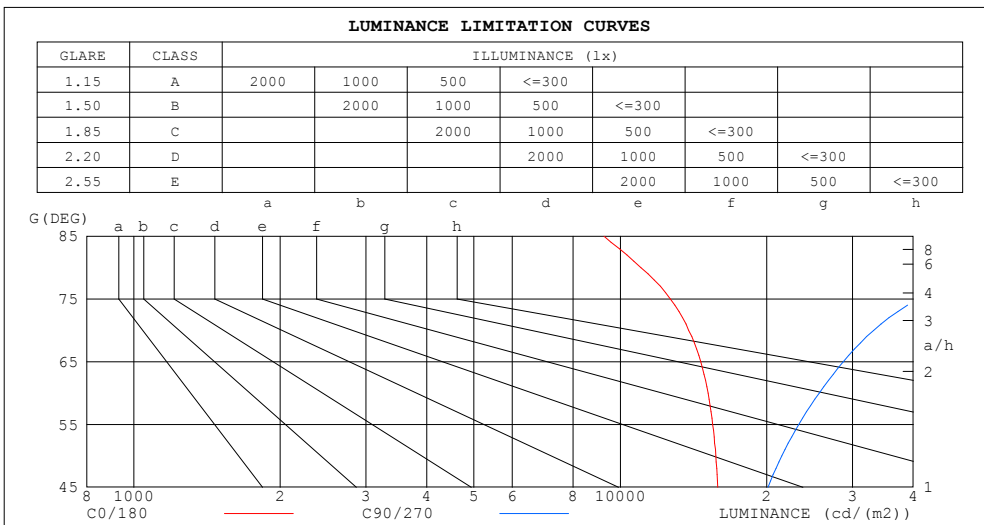
mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum,lamp
10	158.2	158.7	159.2	158.5	157.8	158.5	159.2	158.8	0- 10	15.23	15.23	2.29,2.29
20	151.1	153.8	156.6	153.4	150.3	153.2	156.7	153.8	10- 20	44.24	59.47	8.93,8.93
30	139.0	146.0	152.3	145.4	138.0	145.2	152.4	146.2	20- 30	69.22	128.7	19.3,19.3
40	122.3	135.2	146.0	134.8	121.0	134.4	146.2	135.5	30- 40	87.91	216.6	32.5,32.5
50	101.1	122.0	138.0	121.7	99.77	121.2	138.2	122.5	40- 50	98.70	315.3	47.3,47.3
60	75.82	107.2	128.1	107.1	74.55	106.4	128.3	107.8	50- 60	101.0	416.3	62.5,62.5
70	47.32	90.73	113.3	91.10	44.86	90.22	115.0	91.86	60- 70	94.60	510.8	76.7,76.7
80	19.16	73.81	104.8	74.48	15.91	73.82	105.1	76.05	70- 80	80.94	591.8	88.8,88.9
90	0.5754	39.47	59.48	38.61	0.2356	44.29	68.68	45.06	80- 90	64.28	656.1	98.5,98.5
100	0.2790	0.5428	0.6404	0.4882	0.3185	0.4177	0.5446	0.4577	90-100	6.624	662.7	99.5,99.5
110	0.3749	0.5450	0.6369	0.5667	0.4189	0.4752	0.6142	0.4837	100-110	0.5072	663.2	99.6,99.6
120	0.4840	0.6149	0.6751	0.6496	0.5583	0.5972	0.6971	0.5667	110-120	0.5484	663.8	99.6,99.7
130	0.5886	0.6847	0.7144	0.7237	0.6631	0.6714	0.7581	0.6407	120-130	0.5754	664.3	99.7,99.8
140	0.6932	0.7544	0.7580	0.7977	0.7590	0.7368	0.8016	0.7061	130-140	0.5534	664.9	99.8,99.8
150	0.7676	0.8242	0.8102	0.8631	0.8375	0.7936	0.8409	0.7628	140-150	0.4913	665.4	99.9,99.9
160	0.8547	0.8983	0.8755	0.9285	0.9072	0.8503	0.8887	0.8325	150-160	0.3914	665.8	99.9,100
170	0.9116	0.9379	0.9496	0.9459	0.9365	0.9095	0.9585	0.8979	160-170	0.2568	666.0	100,100
180	0.9464	0.9462	0.9715	0.9503	0.9421	0.9418	0.9758	0.9415	170-180	0.0897	666.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-10-22

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity:65.0%  
 Test Distance:7.950m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.000V I:0.4134A P:9.9224W PF:1.0000 Freq:49.99Hz Lamp Flux:1.26124x528 lm		
NAME: COB Strip	TYPE: IP20 自由裁剪	WEIGHT:
SPEC.: 528LED/M COB 4000K Ra90	DIM.: 8*1000*1	SERIAL No.: 20241022001
MFR.: Wisva	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9259	107619
80	11028	60406
75	12671	41044
70	13828	33159
65	14631	28745
60	15155	25636
55	15489	23274
50	15720	21485
45	15865	20121

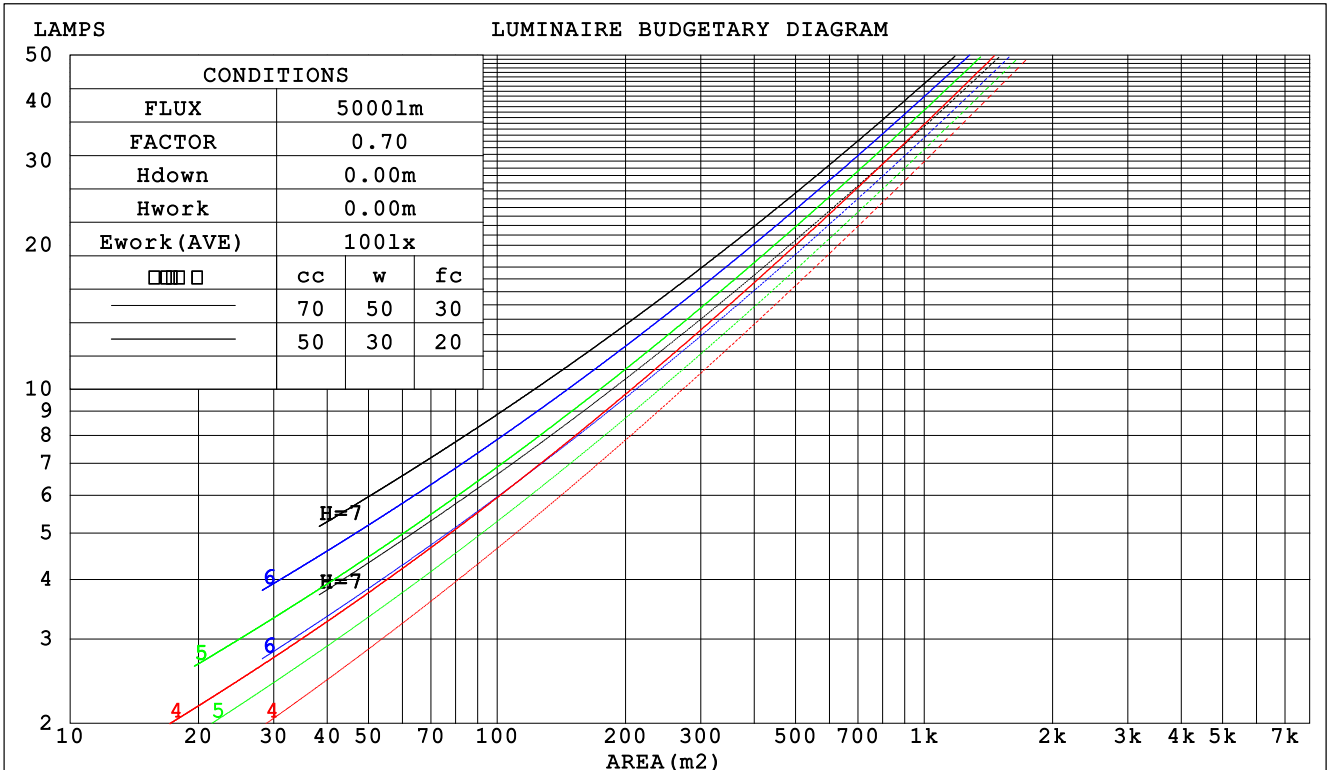
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 001  
 Test Date: 2024-10-22

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity: 65.0%  
 Test Distance: 7.950m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.000V I:0.4134A P:9.9224W PF:1.0000 Freq:49.99Hz Lamp Flux:1.26124x528 lm		
NAME: COB Strip	TYPE: IP20 自由裁剪	WEIGHT:
SPEC.: 528LED/M COB 4000K Ra90	DIM.: 8*1000*1	SERIAL No.: 20241022001
MFR.: Wisva	SUR.:	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	.98	.92	.86	.95	.90	.85	.90	.86	.82	.86	.82	.79	.82	.79	.76	.74
2.0	.83	.74	.67	.81	.73	.66	.77	.70	.64	.73	.67	.62	.70	.65	.61	.58
3.0	.71	.62	.54	.70	.61	.53	.66	.59	.52	.63	.57	.51	.60	.55	.50	.47
4.0	.63	.52	.45	.61	.52	.44	.58	.50	.43	.56	.48	.43	.53	.47	.42	.39
5.0	.55	.45	.38	.54	.45	.38	.52	.43	.37	.49	.42	.36	.47	.41	.36	.33
6.0	.50	.40	.33	.48	.39	.32	.46	.38	.32	.44	.37	.31	.43	.36	.31	.29
7.0	.45	.35	.28	.44	.35	.28	.42	.34	.28	.40	.33	.28	.39	.32	.27	.25
8.0	.41	.31	.25	.40	.31	.25	.38	.30	.25	.37	.30	.24	.36	.29	.24	.22
9.0	.37	.28	.22	.36	.28	.22	.35	.27	.22	.34	.27	.22	.33	.26	.22	.20
10.0	.34	.26	.20	.34	.26	.20	.32	.25	.20	.31	.25	.20	.30	.24	.20	.18



C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:001  
Test Date:2024-10-22

□ Range: 0 - 180DEG  
□ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
Humidity:65.0%  
Test Distance:7.950m [K=1.0000]  
Remarks:

WEC AND CCEC

Test:U:24.000V I:0.4134A P:9.9224W PF:1.0000 Freq:49.99Hz Lamp Flux:1.26124x528 lm		
NAME: COB Strip	TYPE: IP20 自由裁剪	WEIGHT:
SPEC.: 528LED/M COB 4000K Ra90	DIM.: 8*1000*1	SERIAL No.: 20241022001
MFR.: Wisva	SUR.:	Shielding Angle:

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.424	.241	.076	.416	.237	.075	.401	.230	.074	.388	.224	.072	.376	.218	.070	
2.0	.362	.198	.061	.355	.196	.060	.342	.190	.059	.330	.185	.058	.319	.180	.057	
3.0	.319	.170	.051	.312	.167	.050	.301	.163	.050	.290	.159	.049	.280	.155	.048	
4.0	.285	.148	.044	.279	.146	.043	.269	.143	.043	.259	.139	.042	.250	.136	.041	
5.0	.257	.131	.038	.253	.130	.038	.243	.127	.037	.235	.124	.037	.227	.121	.036	
6.0	.235	.118	.034	.230	.116	.034	.222	.114	.033	.215	.111	.033	.207	.109	.032	
7.0	.216	.107	.030	.212	.106	.030	.205	.103	.030	.198	.101	.029	.191	.099	.029	
8.0	.200	.098	.027	.196	.097	.027	.189	.095	.027	.183	.093	.027	.177	.091	.027	
9.0	.186	.090	.025	.182	.089	.025	.176	.087	.025	.171	.086	.025	.166	.084	.024	
10.0	.173	.083	.023	.170	.082	.023	.165	.081	.023	.160	.079	.023	.155	.078	.022	

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.200	.167	.137	.171	.143	.118	.117	.098	.082	.067	.057	.047	.022	.018	.015	
2.0	.193	.143	.101	.166	.123	.087	.113	.085	.061	.065	.050	.036	.021	.016	.012	
3.0	.186	.126	.079	.159	.109	.069	.109	.076	.048	.063	.044	.028	.020	.014	.009	
4.0	.177	.114	.065	.152	.098	.056	.105	.068	.040	.061	.040	.023	.019	.013	.008	
5.0	.169	.103	.055	.145	.090	.048	.100	.063	.034	.058	.037	.020	.019	.012	.007	
6.0	.161	.095	.048	.139	.083	.042	.096	.058	.030	.055	.034	.018	.018	.011	.006	
7.0	.154	.088	.043	.132	.077	.037	.091	.054	.026	.053	.032	.016	.017	.010	.005	
8.0	.147	.083	.039	.126	.072	.034	.087	.050	.024	.051	.030	.014	.016	.010	.005	
9.0	.140	.078	.036	.121	.067	.031	.084	.047	.022	.049	.028	.013	.016	.009	.004	
10.0	.134	.073	.033	.115	.064	.029	.080	.045	.021	.047	.027	.012	.015	.009	.004	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-10-22

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity:65.0%  
 Test Distance:7.950m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.000V I:0.4134A P:9.9224W PF:1.0000 Freq:49.99Hz										
Lamp Flux:1.26124x528 lm										
NAME: COB Strip			TYPE: IP20 自由裁剪				WEIGHT:			
SPEC.: 528LED/M COB 4000K Ra90			DIM.: 8*1000*1				SERIAL No.: 20241022001			
MFR.: Wisva			SUR.:				Shielding Angle:			
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	23.3	25.0	23.6	25.3	25.5	25.6	27.2	25.9	27.5	27.7
3H	24.9	26.5	25.3	26.8	27.1	28.4	29.9	28.7	30.2	30.5
4H	25.6	27.1	25.9	27.4	27.7	29.9	31.4	30.2	31.7	32.0
6H	26.1	27.5	26.4	27.8	28.1	31.7	33.1	32.1	33.4	33.8
8H	26.2	27.6	26.6	27.9	28.3	32.8	34.2	33.2	34.5	34.8
12H	26.3	27.7	26.7	28.0	28.3	33.9	35.2	34.3	35.6	35.9
4H 2H	24.6	26.1	25.0	26.4	26.7	26.2	27.7	26.6	28.0	28.3
3H	26.5	27.9	26.9	28.2	28.6	29.3	30.6	29.7	30.9	31.3
4H	27.4	28.6	27.8	29.0	29.4	31.0	32.2	31.4	32.6	33.0
6H	28.1	29.2	28.5	29.6	30.0	33.1	34.2	33.5	34.6	35.0
8H	28.3	29.4	28.7	29.8	30.2	34.3	35.3	34.7	35.7	36.2
12H	28.5	29.5	28.9	29.9	30.3	35.5	36.5	36.0	37.0	37.4
8H 4H	28.6	29.7	29.1	30.1	30.5	31.4	32.5	31.9	32.9	33.3
6H	29.7	30.6	30.2	31.1	31.5	33.8	34.7	34.3	35.1	35.6
8H	30.2	31.0	30.7	31.5	32.0	35.3	36.1	35.8	36.5	37.0
12H	30.6	31.3	31.1	31.8	32.3	36.8	37.5	37.3	38.0	38.5
12H 4H	29.0	30.0	29.5	30.4	30.9	31.5	32.4	31.9	32.9	33.3
6H	30.4	31.2	30.9	31.7	32.2	34.0	34.8	34.4	35.2	35.7
8H	31.1	31.8	31.6	32.3	32.8	35.5	36.3	36.0	36.7	37.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117, 665.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.4)  
 Area: 0.01 m2

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-10-22

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity:65.0%  
 Test Distance:7.950m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:24.000V I:0.4134A P:9.9224W PF:1.0000 Freq:49.99Hz Lamp Flux:1.26124x528 lm		
NAME: COB Strip	TYPE: IP20 自由裁剪	WEIGHT:
SPEC.: 528LED/M COB 4000K Ra90	DIM.: 8*1000*1	SERIAL No.: 20241022001
MFR.: Wisva	SUR.:	Shielding Angle:

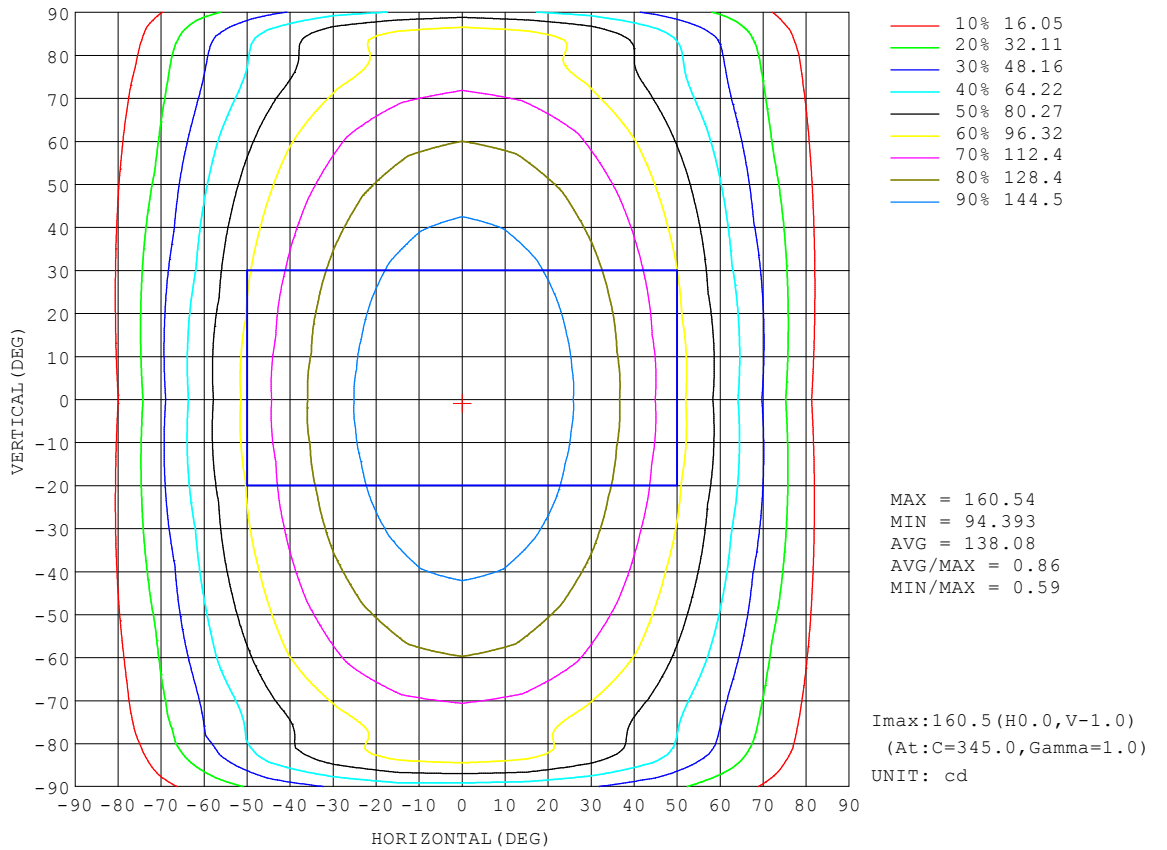
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	51	38	31	50	38	31	49	37	30	23
0.80	60	47	39	59	47	39	57	46	38	31
1.00	68	55	47	67	55	47	64	56	46	38
1.25	75	63	54	74	62	54	70	60	53	44
1.50	80	68	60	78	67	59	75	65	58	49
2.00	88	77	69	86	75	68	81	73	66	57
2.50	92	82	74	90	81	73	85	78	71	62
3.00	96	87	79	93	85	78	89	82	76	66
4.00	101	93	86	98	91	85	93	87	82	72
5.00	104	97	91	101	95	90	96	91	86	76
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-10-22

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity:65.0%  
 Test Distance:7.950m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:24.000V I:0.4134A P:9.9224W PF:1.0000 Freq:49.99Hz Lamp Flux:1.26124x528 lm		
NAME: COB Strip	TYPE: IP20 自由裁剪	WEIGHT:
SPEC.: 528LED/M COB 4000K Ra90	DIM.: 8*1000*1	SERIAL No.: 20241022001
MFR.: Wisva	SUR.:	Shielding Angle:

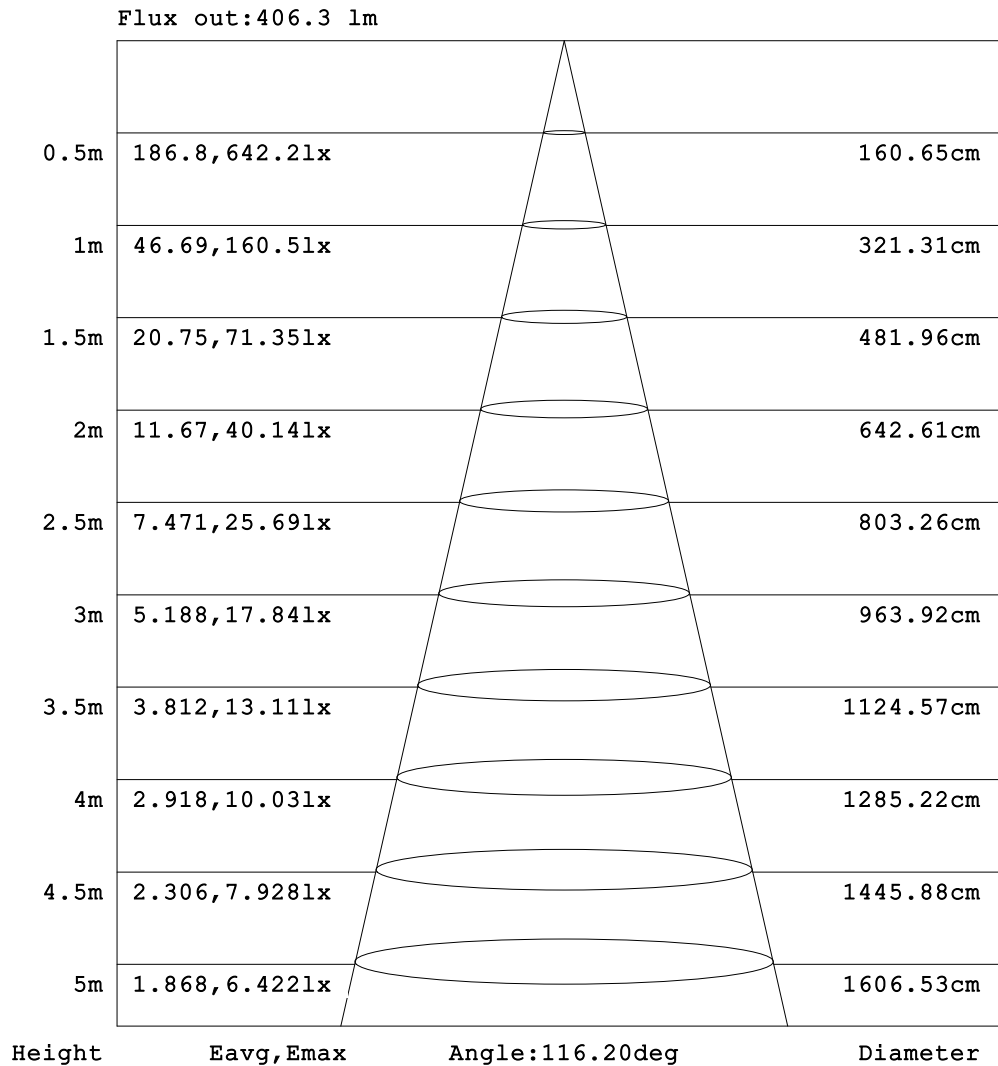


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-10-22

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity:65.0%  
 Test Distance:7.950m [K=1.0000]  
 Remarks:

AAI Figure

Test:U:24.000V I:0.4134A P:9.9224W PF:1.0000 Freq:49.99Hz Lamp Flux:1.26124x528 lm		
NAME: COB Strip	TYPE: IP20 自由裁剪	WEIGHT:
SPEC.: 528LED/M COB 4000K Ra90	DIM.: 8*1000*1	SERIAL No.: 20241022001
MFR.: Wisva	SUR.:	Shielding Angle:



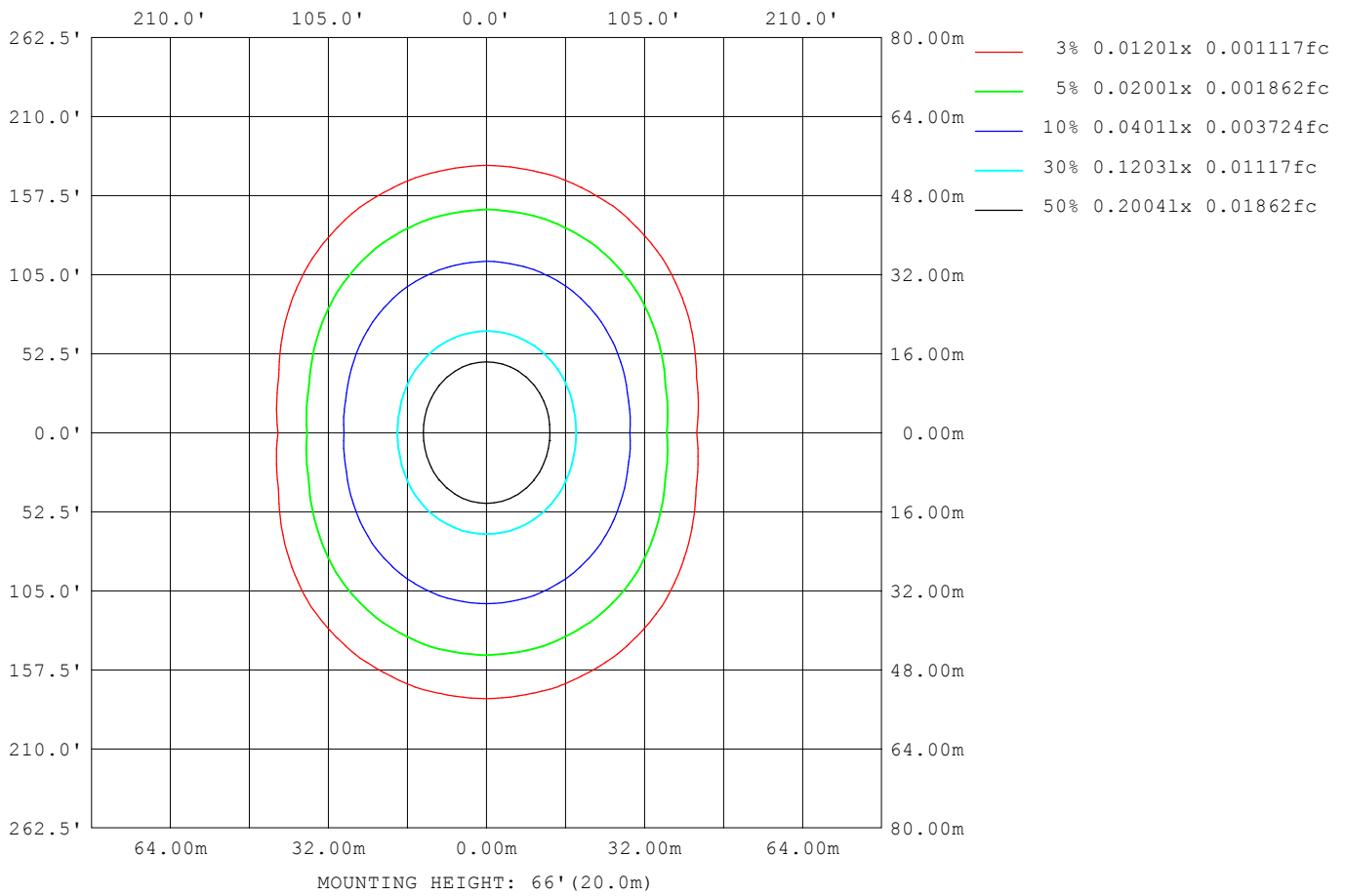
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-10-22

Range: 0 - 180DEG  
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 Humidity:65.0%  
 Test Distance:7.950m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:24.000V I:0.4134A P:9.9224W PF:1.0000 Freq:49.99Hz Lamp Flux:1.26124x528 lm		
NAME: COB Strip	TYPE: IP20 自由裁剪	WEIGHT:
SPEC.: 528LED/M COB 4000K Ra90	DIM.: 8*1000*1	SERIAL No.: 20241022001
MFR.: Wisva	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-10-22

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity:65.0%  
 Test Distance:7.950m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:24.000V I:0.4134A P:9.9224W PF:1.0000 Freq:49.99Hz Lamp Flux:1.26124x528 lm		
NAME: COB Strip	TYPE: IP20 自由裁剪	WEIGHT:
SPEC.: 528LED/M COB 4000K Ra90	DIM.: 8*1000*1	SERIAL No.: 20241022001
MFR.: Wisva	SUR.:	Shielding Angle:

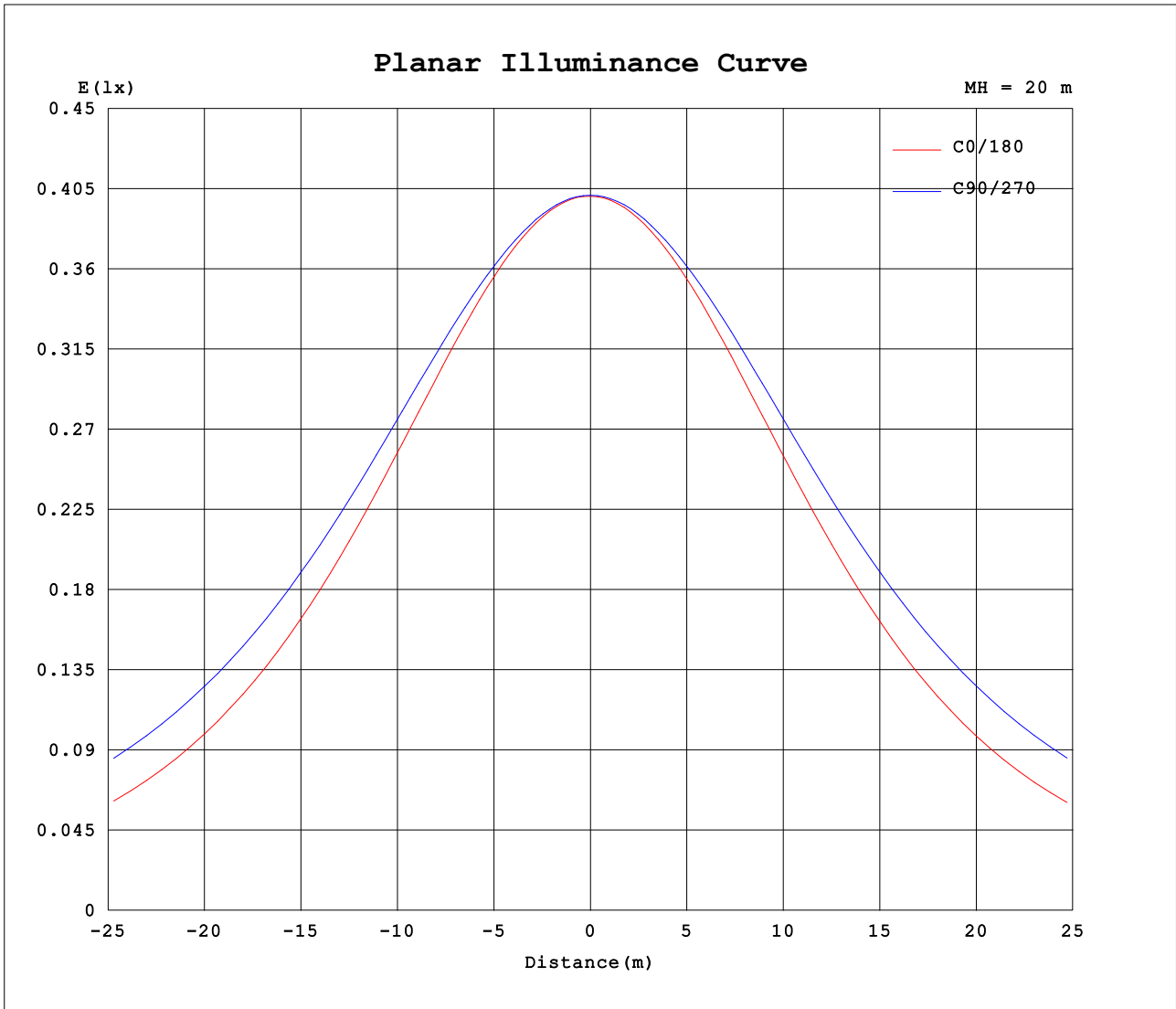
AvgL	cd/m2
L_0~180 (65) av	14435
L_0~180 (75) av	12078
L_0~180 (85) av	7240
L_90~270 (65) av	28825
L_90~270 (75) av	41371
L_90~270 (85) av	113119
L_45 (65) av	23508
L_45 (75) av	31608
L_45 (85) av	81008

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-10-22

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity:65.0%  
 Test Distance:7.950m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-10-22

Range: 0 - 180DEG  
 Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity:65.0%  
 Test Distance:7.950m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.4134A P:9.9224W PF:1.0000 Freq:49.99Hz Lamp Flux:1.26124x528 lm		
NAME: COB Strip	TYPE: IP20 自由裁剪	WEIGHT:
SPEC.: 528LED/M COB 4000K Ra90	DIM.: 8*1000*1	SERIAL No.: 20241022001
MFR.: Wisva	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
5	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10	158	158	158	159	159	159	159	159	159	159	158	158	158	158	158	159	159	159	159
15	155	155	156	157	157	158	158	158	157	156	155	155	155	155	155	156	157	158	158
20	151	151	152	154	155	156	157	156	155	153	152	151	150	151	152	153	155	156	157
25	146	146	148	150	153	154	155	154	152	150	147	145	145	145	147	150	152	154	155
30	139	140	142	146	149	152	152	151	149	145	141	139	138	139	141	145	149	151	152
35	131	132	136	141	145	148	149	148	145	140	135	131	130	131	135	140	145	148	150
40	122	124	129	135	141	145	146	145	141	135	128	123	121	122	128	134	140	144	146
45	112	115	121	129	136	141	142	141	136	129	120	113	111	113	120	128	136	140	142
50	101	104	112	122	130	136	138	136	130	122	112	102	99.8	103	111	121	130	136	138
55	88.9	93.0	103	115	125	131	133	131	125	115	102	91.5	87.6	91.3	102	114	124	131	134
60	75.8	81.2	93.3	107	118	126	128	126	119	107	92.9	79.8	74.6	79.5	92.5	106	118	126	128
65	61.9	68.8	83.5	99.4	111	119	121	119	112	99.4	83.2	67.1	60.1	66.7	82.7	98.5	111	119	122
70	47.3	56.2	73.5	90.7	103	111	113	111	104	91.1	73.4	53.6	44.9	53.9	72.9	90.2	104	112	115
75	32.8	43.9	63.5	81.1	94.4	103	106	104	94.9	81.7	63.6	40.8	29.7	41.8	63.1	81.3	95.7	105	108
80	19.2	32.4	53.5	73.8	90.3	101	105	101	91.0	74.5	52.8	29.7	15.9	30.0	53.5	73.8	90.4	101	105
85	8.07	22.7	47.1	68.6	82.0	91.2	93.7	91.6	83.3	69.1	45.1	20.4	4.55	20.9	47.3	71.1	89.1	99.3	103
90	0.58	10.3	24.5	39.5	49.4	57.3	59.5	57.7	49.9	38.6	22.2	7.38	0.24	9.48	27.8	44.3	58.1	65.4	68.7
95	0.27	0.45	0.43	0.62	0.65	0.71	0.77	0.68	0.63	0.59	0.40	0.31	0.27	0.33	0.30	0.47	0.48	0.63	0.64
100	0.28	0.35	0.43	0.54	0.58	0.65	0.64	0.65	0.57	0.49	0.40	0.34	0.32	0.27	0.36	0.42	0.48	0.56	0.54
105	0.32	0.38	0.43	0.51	0.58	0.61	0.63	0.62	0.57	0.52	0.41	0.39	0.37	0.33	0.41	0.43	0.52	0.51	0.58
110	0.37	0.42	0.43	0.55	0.58	0.64	0.64	0.64	0.57	0.57	0.46	0.45	0.42	0.39	0.47	0.48	0.57	0.55	0.61
115	0.43	0.47	0.46	0.57	0.58	0.66	0.64	0.68	0.60	0.60	0.51	0.51	0.49	0.45	0.54	0.54	0.61	0.59	0.65
120	0.48	0.53	0.52	0.61	0.62	0.70	0.68	0.71	0.65	0.65	0.57	0.57	0.56	0.51	0.59	0.60	0.68	0.64	0.70
125	0.53	0.58	0.56	0.65	0.66	0.72	0.69	0.74	0.68	0.69	0.61	0.62	0.61	0.55	0.64	0.64	0.72	0.70	0.73
130	0.59	0.63	0.60	0.68	0.68	0.75	0.71	0.76	0.71	0.72	0.65	0.68	0.66	0.61	0.68	0.67	0.74	0.71	0.76
135	0.64	0.68	0.65	0.72	0.71	0.77	0.74	0.79	0.74	0.76	0.69	0.72	0.72	0.66	0.72	0.70	0.77	0.74	0.79
140	0.69	0.73	0.69	0.75	0.73	0.80	0.76	0.81	0.77	0.80	0.74	0.77	0.76	0.71	0.75	0.74	0.80	0.76	0.80
145	0.73	0.78	0.73	0.79	0.76	0.81	0.78	0.85	0.79	0.83	0.78	0.81	0.80	0.76	0.79	0.78	0.82	0.78	0.83
150	0.77	0.82	0.78	0.82	0.79	0.84	0.81	0.87	0.82	0.86	0.81	0.84	0.84	0.80	0.82	0.79	0.85	0.81	0.84
155	0.82	0.86	0.82	0.86	0.83	0.87	0.84	0.90	0.86	0.89	0.84	0.88	0.87	0.83	0.87	0.82	0.88	0.84	0.85
160	0.85	0.89	0.85	0.90	0.86	0.90	0.88	0.94	0.89	0.93	0.87	0.92	0.91	0.86	0.90	0.85	0.91	0.86	0.89
165	0.89	0.93	0.88	0.93	0.89	0.94	0.91	0.96	0.92	0.94	0.90	0.94	0.93	0.88	0.92	0.89	0.93	0.89	0.91
170	0.91	0.95	0.92	0.94	0.92	0.95	0.95	0.97	0.94	0.95	0.91	0.94	0.94	0.91	0.94	0.91	0.95	0.93	0.96
175	0.93	0.95	0.94	0.94	0.95	0.95	0.96	0.97	0.94	0.95	0.93	0.94	0.94	0.92	0.95	0.93	0.95	0.94	0.97
180	0.95	0.95	0.95	0.95	0.95	0.95	0.97	0.98	0.95	0.95	0.95	0.95	0.94	0.95	0.95	0.94	0.95	0.96	0.98

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-10-22

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity:65.0%  
 Test Distance:7.950m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.000V I:0.4134A P:9.9224W PF:1.0000 Freq:49.99Hz Lamp Flux:1.26124x528 lm		
NAME: COB Strip	TYPE: IP20 自由裁剪	WEIGHT:
SPEC.: 528LED/M COB 4000K Ra90	DIM.: 8*1000*1	SERIAL No.: 20241022001
MFR.: Wisva	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) □ (DEG)	285	300	315	330	345														
0	160	160	160	160	160														
5	160	160	160	160	160														
10	159	159	159	159	158														
15	158	157	157	156	155														
20	156	155	154	152	151														
25	154	153	150	148	146														
30	152	150	146	143	140														
35	148	146	141	136	132														
40	145	141	136	129	124														
45	141	136	129	122	115														
50	136	131	123	113	104														
55	131	125	115	104	93.3														
60	126	119	108	94.4	81.5														
65	120	113	100	84.7	69.1														
70	112	105	91.9	74.9	56.7														
75	105	97.0	83.1	65.2	44.6														
80	102	92.3	76.0	55.8	33.3														
85	99.9	90.7	73.6	50.1	24.1														
90	65.3	58.2	45.1	30.2	12.7														
95	0.55	0.50	0.46	3.75	0.33														
100	0.54	0.52	0.46	0.41	0.32														
105	0.54	0.55	0.46	0.43	0.32														
110	0.56	0.58	0.48	0.46	0.37														
115	0.59	0.61	0.52	0.50	0.41														
120	0.64	0.67	0.57	0.56	0.47														
125	0.68	0.69	0.61	0.61	0.53														
130	0.70	0.72	0.64	0.65	0.58														
135	0.73	0.74	0.67	0.70	0.64														
140	0.75	0.77	0.71	0.72	0.69														
145	0.78	0.79	0.73	0.76	0.73														
150	0.80	0.83	0.76	0.80	0.77														
155	0.82	0.85	0.79	0.84	0.81														
160	0.84	0.87	0.83	0.88	0.84														
165	0.87	0.91	0.87	0.91	0.88														
170	0.90	0.95	0.90	0.94	0.91														
175	0.93	0.95	0.92	0.94	0.92														
180	0.95	0.95	0.94	0.95	0.95														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:001  
 Test Date:2024-10-22

□ Range: 0 - 180DEG  
 □ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.445  
 Humidity:65.0%  
 Test Distance:7.950m [K=1.0000]  
 Remarks: