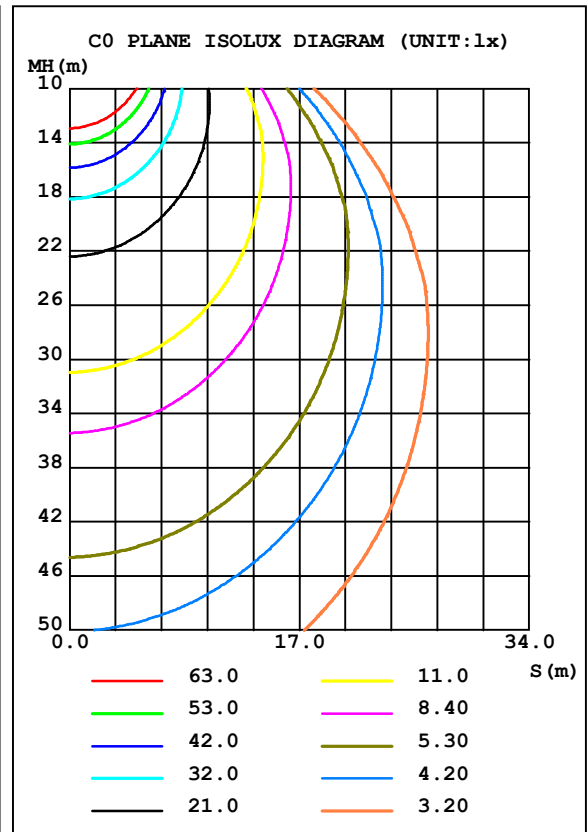
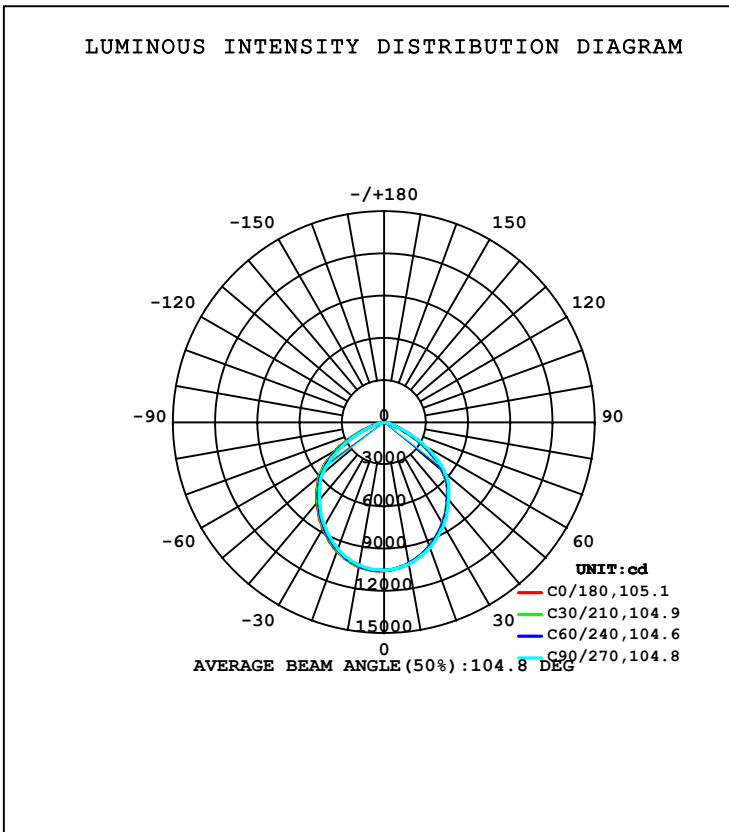


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.56V I:0.8929A P:193.75W PF:0.9839 Freq:50.01Hz Lamp Flux:24622.3x1 lm		
NAME: ZY-8001-200W 5700K	TYPE:	WEIGHT:
SPEC.: 3030+SS	DIM.:	SERIAL No.:
MFR.: Ningbo Success Zhenye Luminaire Limited Liability Company	Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.08 lm/W			
MODEL	D908S	I _{max} (cd)	10568	S/MH (C0/180)	1.23
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.21
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	24622	η UP, DN (C0-180)	0.0, 49.6
NOMINAL FLUX (lm)	24622.3	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 50.4
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220.1	η down (%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: NSZ
 Test Date: 2020-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.598m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1022	1019	1023	1031	1043	1039	1031	1021	0- 10	992.8	992.8	4.03,4.03
20	941.0	940.0	950.2	965.0	977.4	969.4	959.0	944.6	10- 20	2808	3801	15.4,15.4
30	830.9	832.3	846.6	861.9	872.9	863.3	849.5	835.6	20- 30	4170	7971	32.4,32.4
40	701.6	704.8	716.9	733.4	742.9	732.0	717.1	703.1	30- 40	4912	12884	52.3,52.3
50	545.5	550.1	569.4	596.2	607.5	597.6	570.2	554.3	40- 50	5021	17905	72.7,72.7
60	309.9	312.9	338.7	371.7	389.3	374.3	344.8	321.8	50- 60	4153	22057	89.6,89.6
70	75.76	79.52	96.72	120.1	139.3	127.4	105.2	88.30	60- 70	2167	24225	98.4,98.4
80	1.901	1.920	1.988	2.677	4.023	4.010	2.742	2.246	70- 80	383.1	24608	99.9,99.9
90	0.1987	0.1779	0.0989	0.2037	0.3127	0.2183	0.0952	0.1073	80- 90	11.99	24620	100,100
100	0.0601	0.0610	0.0319	0.0397	0.0292	0.0226	0.0174	0.0304	90-100	0.8115	24620	100,100
110	0.0263	0.0259	0.0154	0.0213	0.0230	0.0196	0.0200	0.0238	100-110	0.2750	24621	100,100
120	0.0326	0.0322	0.0259	0.0265	0.0267	0.0252	0.0260	0.0277	110-120	0.2420	24621	100,100
130	0.0410	0.0399	0.0364	0.0356	0.0288	0.0284	0.0287	0.0297	120-130	0.2658	24621	100,100
140	0.0360	0.0353	0.0338	0.0332	0.0530	0.0526	0.0534	0.0546	130-140	0.2966	24622	100,100
150	0.0437	0.0430	0.0421	0.0423	0.0741	0.0742	0.0761	0.0782	140-150	0.3261	24622	100,100
160	0.0444	0.0443	0.0441	0.0455	0.0677	0.0685	0.0703	0.0722	150-160	0.2752	24622	100,100
170	0.0426	0.0421	0.0424	0.0438	0.0766	0.0778	0.0805	0.0833	160-170	0.1687	24622	100,100
180	0.0725	0.0741	0.0764	0.0786	0.0715	0.0727	0.0747	0.0770	170-180	0.0610	24622	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

Conical surface Flux(90deg): 15418 lm

%lum = 62.6%
%lamp = 62.6%

Conical surface Flux(120deg): 22057 lm

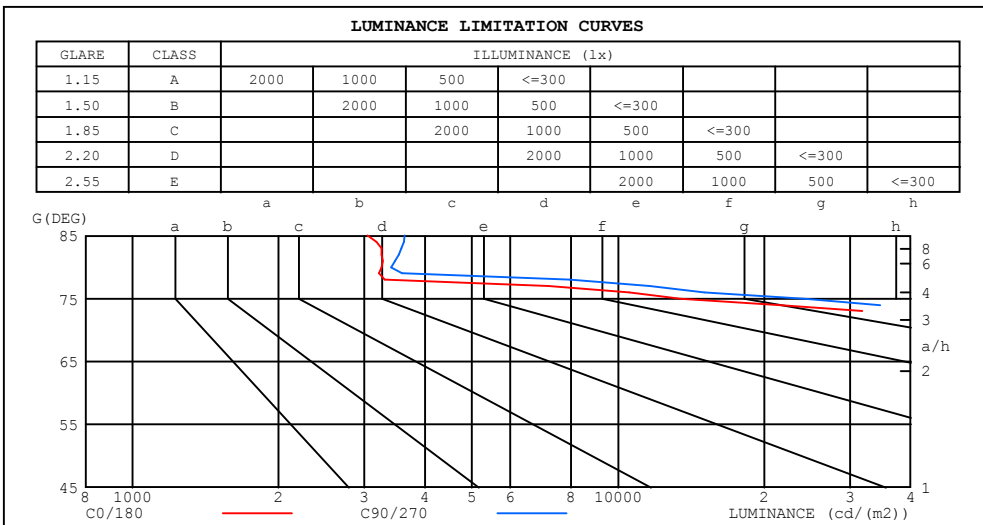
%lum = 89.6%
%lamp = 89.6%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:NSZ
Test Date:2020-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:2.598m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.56V I:0.8929A P:193.75W PF:0.9839 Freq:50.01Hz Lamp Flux:24622.3x1 lm		
NAME: ZY-8001-200W 5700K	TYPE:	WEIGHT:
SPEC.: 3030+SS	DIM.:	SERIAL No.:
MFR.: Ningbo Success Zhenye Luminaire Limited Liability Company	Shielding Angle:	



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3049	3637
80	3258	3407
75	13470	24275
70	65926	84161
65	128204	148203
60	184476	201615
55	226804	240507
50	252575	263633
45	266874	274380

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: NSZ
 Test Date: 2020-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.598m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:220.56V I:0.8929A P:193.75W PF:0.9839 Freq:50.01Hz Lamp Flux:24622.3x1 lm		
NAME: ZY-8001-200W 5700K	TYPE:	WEIGHT:
SPEC.: 3030+SS	DIM.:	SERIAL No.:
MFR.: Ningbo Success Zhenye Luminaire Limited	Supplier: SLS Company	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.254	.144	.046	.247	.141	.045	.234	.134	.043	.222	.128	.041	.211	.122	.039	
2.0	.250	.137	.042	.244	.134	.041	.233	.129	.040	.222	.125	.039	.212	.120	.038	
3.0	.239	.127	.038	.233	.125	.038	.223	.121	.037	.214	.117	.036	.205	.114	.035	
4.0	.225	.117	.034	.220	.115	.034	.212	.112	.034	.203	.109	.033	.196	.106	.032	
5.0	.212	.108	.031	.208	.107	.031	.200	.104	.031	.192	.101	.030	.186	.099	.030	
6.0	.199	.100	.029	.195	.099	.028	.188	.096	.028	.182	.094	.028	.175	.092	.027	
7.0	.187	.092	.026	.184	.091	.026	.177	.090	.026	.171	.088	.026	.166	.086	.025	
8.0	.176	.086	.024	.173	.085	.024	.167	.084	.024	.162	.082	.024	.157	.081	.023	
9.0	.166	.080	.022	.163	.080	.022	.158	.078	.022	.153	.077	.022	.149	.076	.022	
10.0	.157	.075	.021	.154	.075	.021	.150	.073	.021	.145	.072	.021	.141	.071	.020	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.177	.157	.139	.151	.135	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.167	.132	.103	.143	.114	.089	.098	.079	.062	.056	.046	.036	.018	.015	.012	
3.0	.159	.114	.079	.136	.098	.068	.093	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.151	.101	.062	.130	.087	.054	.089	.061	.038	.052	.035	.022	.017	.012	.007	
5.0	.144	.090	.050	.124	.078	.044	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.137	.081	.041	.118	.071	.036	.081	.049	.025	.047	.029	.015	.015	.009	.005	
7.0	.131	.075	.035	.113	.065	.030	.078	.045	.022	.045	.027	.013	.015	.009	.004	
8.0	.125	.069	.030	.108	.060	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.119	.064	.026	.103	.055	.023	.071	.039	.016	.041	.023	.010	.013	.008	.003	
10.0	.114	.060	.023	.098	.052	.020	.068	.036	.014	.040	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: NSZ
 Test Date: 2020-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.598m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.56V I:0.8929A P:193.75W PF:0.9839 Freq:50.01Hz Lamp Flux:24622.3x1 lm										
NAME: ZY-8001-200W 5700K					TYPE:			WEIGHT:		
SPEC.: 3030+SS					DIM.:			SERIAL No.:		
MFR.: Ningbo Success Zhenye Luminaire Limited Liability Company					SURF.:			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	20.2	21.6	20.5	21.8	22.0	20.4	21.8	20.7	22.0	22.2
3H	20.4	21.7	20.7	22.0	22.2	20.8	22.1	21.1	22.3	22.5
4H	20.4	21.6	20.7	21.8	22.1	20.7	21.9	21.0	22.2	22.4
6H	20.3	21.4	20.6	21.7	21.9	20.6	21.8	20.9	22.0	22.3
8H	20.2	21.3	20.5	21.6	21.9	20.6	21.7	20.9	21.9	22.2
12H	20.2	21.2	20.5	21.5	21.8	20.5	21.6	20.9	21.9	22.2
4H 2H	20.4	21.7	20.7	21.9	22.1	20.7	21.9	21.0	22.1	22.4
3H	20.7	21.8	21.1	22.1	22.4	21.0	22.1	21.4	22.4	22.7
4H	20.6	21.6	21.0	21.9	22.2	21.0	21.9	21.3	22.2	22.6
6H	20.6	21.4	20.9	21.7	22.1	20.9	21.7	21.3	22.1	22.4
8H	20.5	21.3	20.9	21.6	22.0	20.8	21.6	21.2	22.0	22.3
12H	20.5	21.2	20.9	21.5	21.9	20.8	21.5	21.2	21.9	22.3
8H 4H	20.5	21.3	20.9	21.7	22.0	20.9	21.6	21.3	22.0	22.4
6H	20.5	21.1	20.9	21.5	21.9	20.8	21.4	21.2	21.8	22.2
8H	20.4	21.0	20.9	21.4	21.8	20.7	21.3	21.2	21.7	22.2
12H	20.4	20.8	20.8	21.3	21.8	20.7	21.2	21.2	21.6	22.1
12H 4H	20.5	21.2	20.9	21.6	22.0	20.8	21.5	21.2	21.9	22.3
6H	20.4	21.0	20.9	21.4	21.8	20.7	21.3	21.2	21.7	22.2
8H	20.4	20.8	20.8	21.3	21.8	20.7	21.2	21.2	21.6	22.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.6				
1.5H	+ 0.5 / - 0.9					+ 0.5 / - 0.8				
2.0H	+ 1.1 / - 1.6					+ 1.2 / - 1.6				

CIE Pub.117, 24622 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 11.1)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators: NSZ
 Test Date:2020-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.598m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.56V I:0.8929A P:193.75W PF:0.9839 Freq:50.01Hz Lamp Flux:24622.3x1 lm		
NAME: ZY-8001-200W 5700K	TYPE:	WEIGHT:
SPEC.: 3030+SS	DIM.:	SERIAL No.:
MFR.: Ningbo Success Zhenye Luminaire Limited Liab	Supplier: SL Company	Shielding Angle:

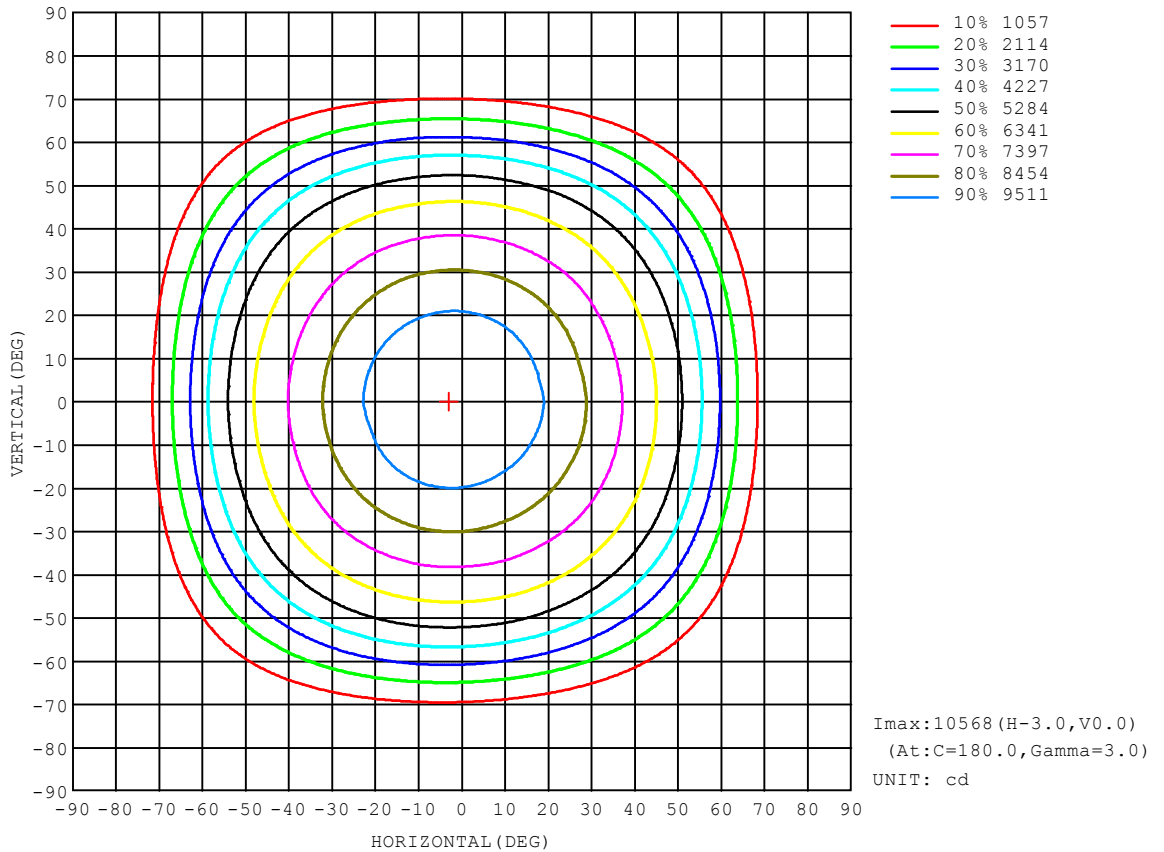
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	50	44	60	50	44	59	50	43	37
0.80	72	61	54	71	61	54	69	60	54	47
1.00	81	71	64	80	70	64	78	71	64	57
1.25	88	79	72	87	78	72	84	77	71	65
1.50	93	84	78	91	83	78	88	82	77	70
2.00	99	92	86	97	91	86	94	89	84	77
2.50	102	96	91	101	95	90	97	92	88	81
3.00	105	100	95	103	98	94	100	95	92	84
4.00	109	104	100	107	102	99	102	99	96	88
5.00	111	107	103	108	105	102	104	101	99	90
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:NSZ
 Test Date:2020-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:2.598m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:220.56V I:0.8929A P:193.75W PF:0.9839 Freq:50.01Hz Lamp Flux:24622.3x1 lm		
NAME: ZY-8001-200W 5700K	TYPE:	WEIGHT:
SPEC.: 3030+SS	DIM.:	SERIAL No.:
MFR.: Ningbo Success Zhenye Luminaire Limited Liabisi	Liabisi Company	Shielding Angle:



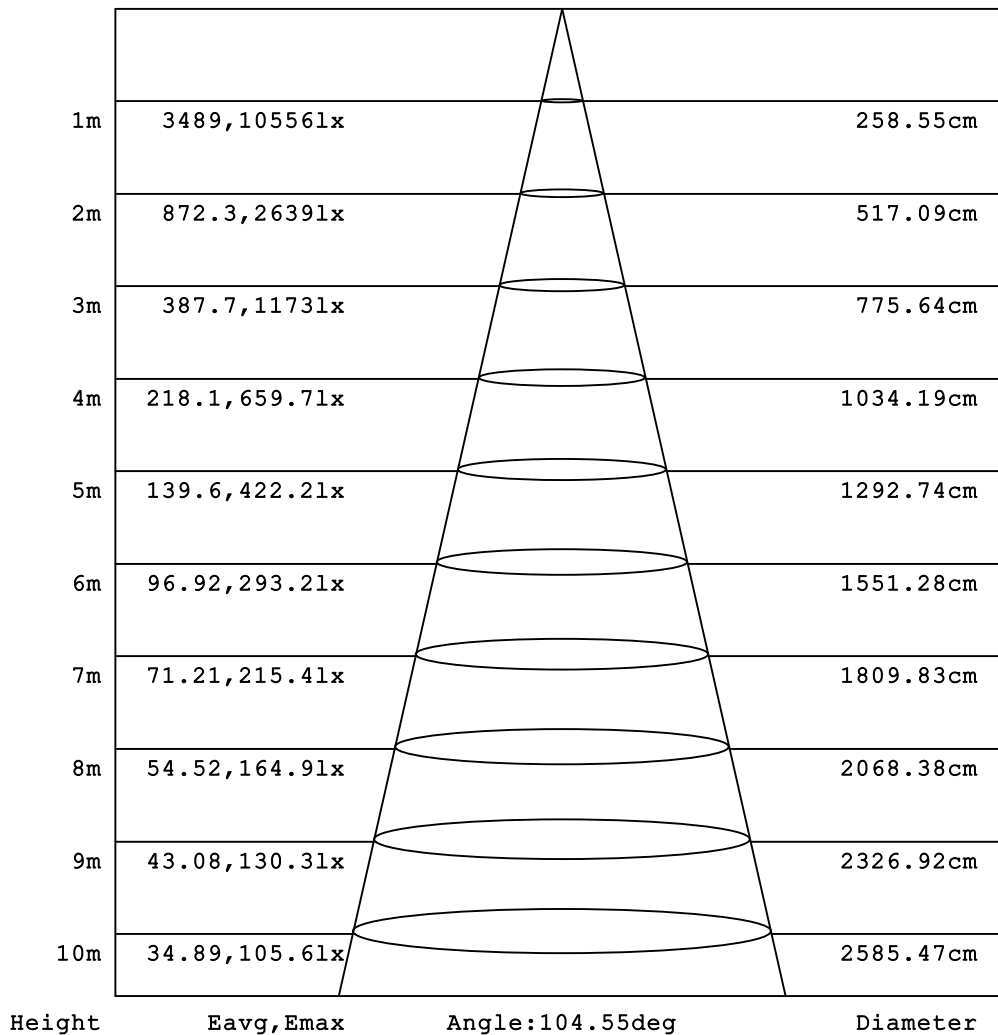
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NSZ
 Test Date:2020-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:2.598m [K=1.0000]
 Remarks:

AAI Figure

Test:U:220.56V I:0.8929A P:193.75W PF:0.9839 Freq:50.01Hz Lamp Flux:24622.3x1 lm		
NAME: ZY-8001-200W 5700K	TYPE:	WEIGHT:
SPEC.: 3030+SS	DIM.:	SERIAL No.:
MFR.: Ningbo Success Zhenye Luminaire Limited	LibiSUR is a company	Shielding Angle:

Flux out:19304 lm

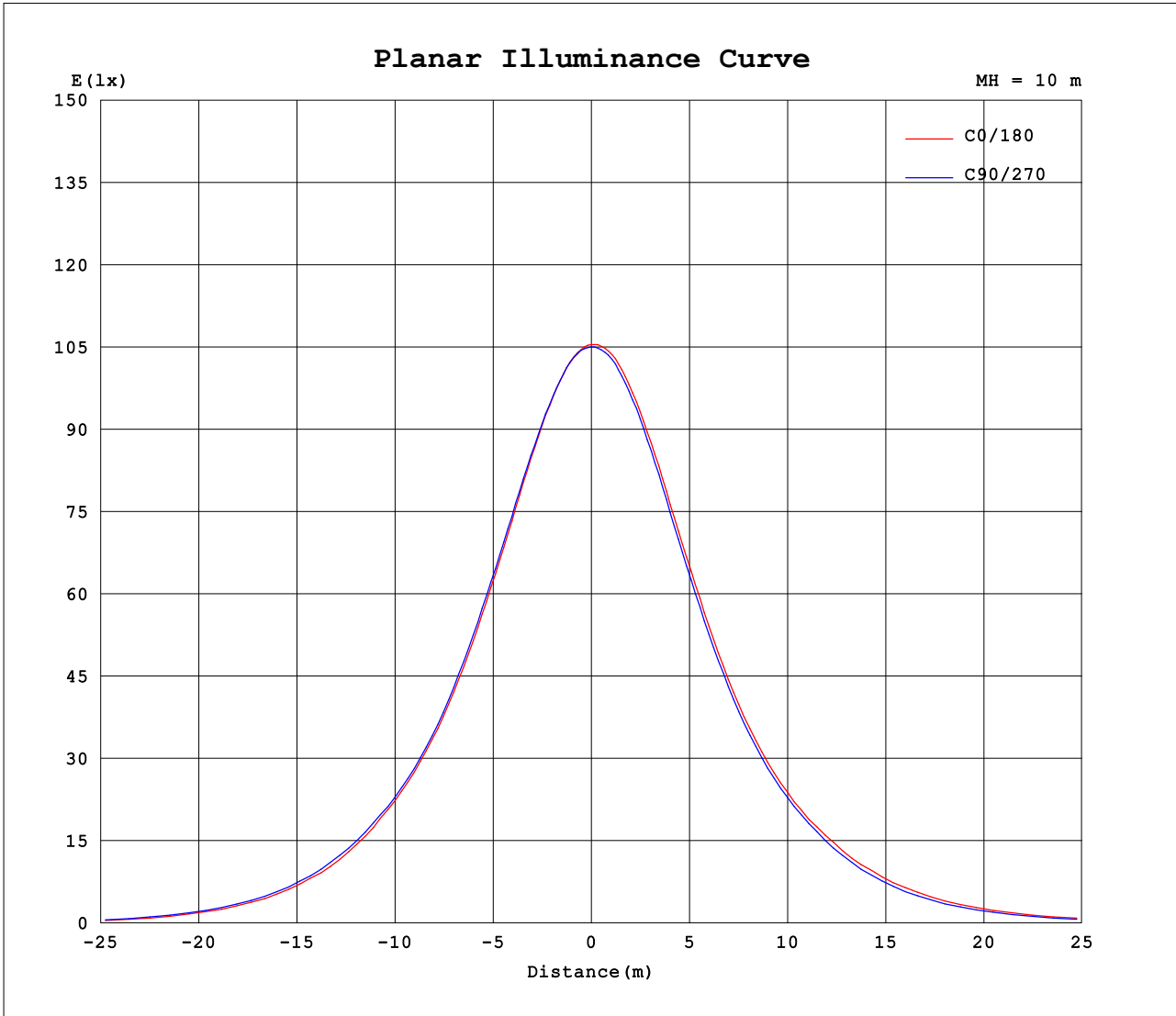


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:NSZ
 Test Date:2020-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:2.598m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: NSZ
 Test Date: 2020-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.598m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.56V I:0.8929A P:193.75W PF:0.9839 Freq:50.01Hz Lamp Flux:24622.3x1 lm		
NAME: ZY-8001-200W 5700K	TYPE:	WEIGHT:
SPEC.: 3030+SS	DIM.:	SERIAL No.:
MFR.: Ningbo Success Zhenye Luminaire Limited	Supplier: SLS Company	Shielding Angle:

Table--1

UNIT: x10cd

C (DEG) \ γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	1056	1055	1054	1053	1052	1052	1051	1050	1050	1049	1048	1048	1056	1055	1054	1053	1052	1052	1051
5	1045	1044	1043	1042	1042	1042	1043	1044	1046	1046	1047	1047	1055	1055	1054	1053	1052	1050	1048
10	1022	1020	1019	1019	1019	1020	1023	1026	1029	1031	1033	1034	1043	1042	1040	1039	1037	1034	1031
15	986	983	983	982	984	987	990	995	999	1003	1006	1006	1015	1014	1012	1010	1007	1004	1000
20	941	940	939	940	941	945	950	955	960	965	968	969	977	975	972	969	966	962	959
25	889	889	889	890	891	895	902	908	913	918	920	922	929	927	924	921	917	913	908
30	831	831	831	832	835	839	847	852	857	862	865	868	873	870	867	863	860	855	849
35	768	768	769	770	773	777	784	790	795	800	804	805	809	808	803	800	796	792	786
40	702	701	704	705	707	712	717	723	728	733	737	739	743	739	736	732	728	722	717
45	634	636	636	638	642	647	652	657	662	667	670	671	676	672	669	665	661	654	650
50	546	546	548	550	555	563	569	580	591	596	600	602	608	605	601	598	590	578	570
55	437	436	438	440	446	455	464	475	482	489	497	501	511	507	501	493	483	474	466
60	310	309	311	313	318	328	339	351	363	372	379	385	389	387	382	374	366	357	345
65	182	183	183	186	191	199	210	221	232	240	251	257	261	260	254	246	237	227	219
70	75.8	76.2	76.7	79.5	83.2	89.6	96.7	104	112	120	128	132	139	139	135	127	119	111	105
75	11.7	11.2	11.3	12.2	14.1	16.9	21.1	25.7	30.9	35.6	40.1	43.7	48.3	47.5	45.3	41.1	36.5	33.7	29.5
80	1.90	1.90	1.90	1.92	1.94	1.96	1.99	2.06	2.20	2.68	4.67	5.15	4.02	5.19	4.65	4.01	3.37	3.12	2.74
85	0.89	0.91	0.92	0.94	0.96	1.01	1.06	1.15	1.24	1.31	1.33	1.29	1.22	1.10	1.02	0.99	1.00	1.01	1.00
90	0.20	0.21	0.20	0.18	0.15	0.11	0.10	0.10	0.13	0.20	0.27	0.30	0.31	0.28	0.24	0.22	0.19	0.15	0.10
95	0.10	0.11	0.10	0.09	0.08	0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.05	0.04	0.04	0.03	0.04	0.04	0.04
100	0.06	0.07	0.07	0.06	0.05	0.04	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02
105	0.03	0.04	0.04	0.04	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
110	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
115	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
120	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
125	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
130	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03
135	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04
140	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.05	0.05	0.05	0.05	0.05	0.05	0.05
145	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.07	0.07	0.07	0.07	0.07	0.07	0.07
150	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.07	0.07	0.07	0.07	0.07	0.08	0.08
155	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.07	0.07	0.07	0.07	0.07	0.07	0.07
160	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.07	0.07	0.07	0.07	0.07	0.07
165	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.07	0.07	0.07	0.07	0.07	0.08	0.08
170	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.08	0.08	0.08	0.08	0.08	0.08	0.08
175	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08
180	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: NSZ
 Test Date: 2020-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 2.598m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.56V I:0.8929A P:193.75W PF:0.9839 Freq:50.01Hz Lamp Flux:24622.3x1 lm		
NAME: ZY-8001-200W 5700K	TYPE:	WEIGHT:
SPEC.: 3030+SS	DIM.:	SERIAL No.:
MFR.: Ningbo Success Zhenye Luminaire Limited Liab	SURISL Company	Shielding Angle:

Table--2

UNIT: x10cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1050	1050	1049	1048	1048														
5	1046	1044	1042	1039	1038														
10	1028	1025	1021	1018	1016														
15	996	992	988	984	981														
20	954	950	945	941	936														
25	902	899	894	889	884														
30	845	840	836	830	826														
35	781	775	771	765	763														
40	712	707	703	698	696														
45	646	640	637	633	632														
50	564	561	554	549	545														
55	460	453	449	443	440														
60	337	330	322	316	311														
65	211	203	196	191	186														
70	98.0	92.6	88.3	83.3	79.1														
75	25.0	23.2	20.7	18.0	13.7														
80	2.51	2.37	2.25	2.09	1.98														
85	0.97	0.95	0.93	0.92	0.91														
90	0.07	0.08	0.11	0.14	0.18														
95	0.04	0.04	0.06	0.07	0.09														
100	0.02	0.02	0.03	0.04	0.06														
105	0.02	0.02	0.02	0.03	0.04														
110	0.02	0.02	0.02	0.03	0.03														
115	0.02	0.03	0.03	0.03	0.03														
120	0.03	0.03	0.03	0.03	0.03														
125	0.02	0.02	0.02	0.03	0.03														
130	0.03	0.03	0.03	0.03	0.03														
135	0.04	0.04	0.04	0.04	0.04														
140	0.05	0.05	0.05	0.05	0.06														
145	0.07	0.07	0.07	0.07	0.07														
150	0.08	0.08	0.08	0.08	0.08														
155	0.07	0.07	0.07	0.07	0.07														
160	0.07	0.07	0.07	0.07	0.07														
165	0.08	0.08	0.08	0.08	0.08														
170	0.08	0.08	0.08	0.08	0.08														
175	0.08	0.08	0.08	0.08	0.08														
180	0.08	0.08	0.08	0.08	0.08														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators: NSZ
 Test Date:2020-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:2.598m [K=1.0000]
 Remarks: