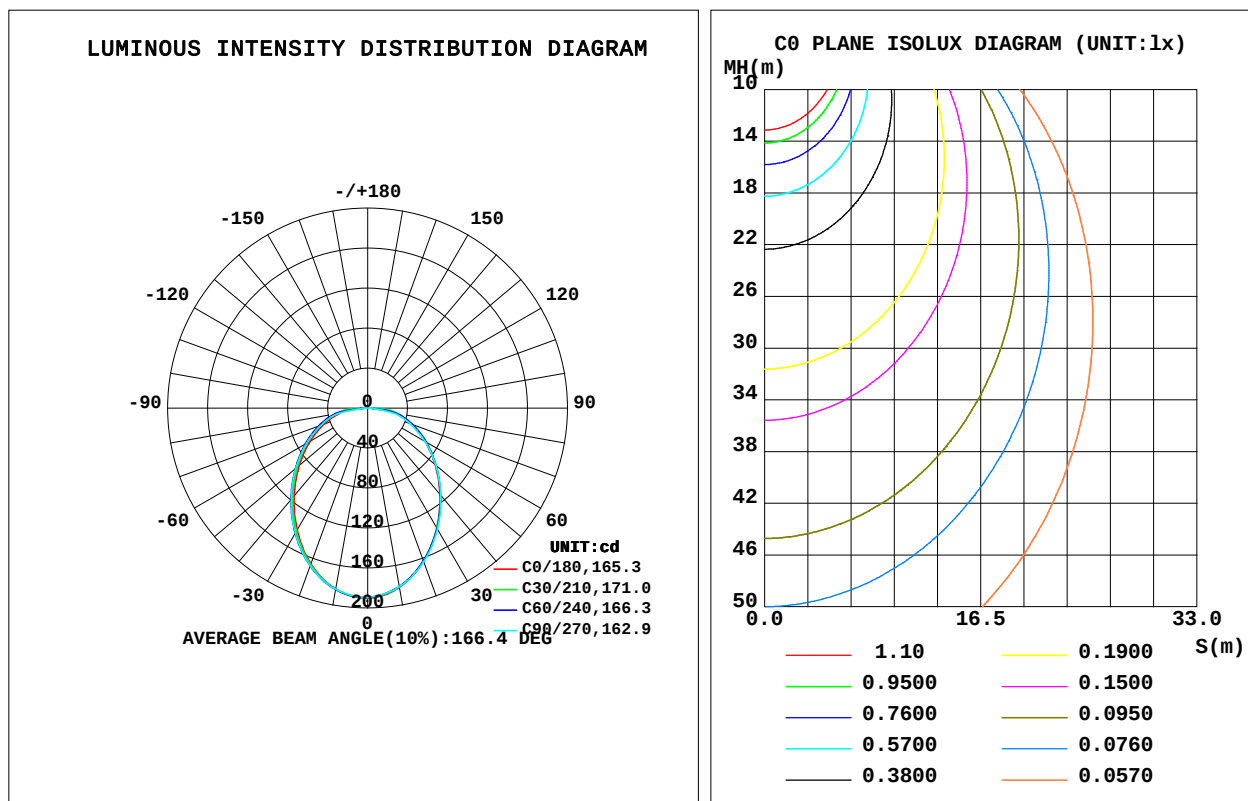


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:12.00V I:0.4037A P:4.844W PF:1.000 Freq:0Hz Lamp Flux:482.405x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*12mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.59 lm/W			
MODEL	RM900LEDS-02TF	I _{max} (cd)	190.0	S/MH(C0/180)	1.12
NOMINAL POWER(W)	5	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	482.40	η UP, DN(C0-180)	0.1,49.0
NOMINAL FLUX(lm)	482.405	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1,50.9
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	12	η down(%)	99.9	CIBSE SHR MAX	1.30



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2023-04-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [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	182.3	181.5	181.6	181.9	183.9	184.2	184.1	182.9	0- 10	17.75	17.75	3.68, 3.68
20	163.1	162.9	163.7	163.9	166.0	167.4	168.0	165.6	10- 20	49.23	66.98	13.9, 13.9
30	138.5	138.8	139.7	139.9	141.3	143.8	144.7	141.8	20- 30	70.63	137.6	28.5, 28.5
40	112.6	113.3	113.8	114.1	114.6	118.0	119.0	116.4	30- 40	80.18	217.8	45.1, 45.1
50	88.26	89.22	89.04	89.75	89.46	93.27	94.00	92.15	40- 50	79.39	297.2	61.6, 61.6
60	66.00	67.47	65.78	67.79	66.82	71.05	70.82	70.31	50- 60	71.12	368.3	76.3, 76.3
70	45.64	47.46	44.79	47.67	46.15	50.75	49.62	50.35	60- 70	57.65	426.0	88.3, 88.3
80	27.46	28.99	22.14	28.38	27.62	32.21	28.15	32.35	70- 80	41.06	467.0	96.8, 96.8
90	0.0637	1.760	2.259	1.721	0.0455	2.047	2.540	2.282	80- 90	14.72	481.7	99.9, 99.9
100	0	0	0	0	0	0.0184	0.0049	0.0138	90-100	0.5161	482.2	100, 100
110	0	0	0	0	0.0092	0.0184	0.0091	0.0115	100-110	0.0058	482.3	100, 100
120	0	0.0023	0	0.0023	0.0185	0.0321	0.0367	0.0253	110-120	0.0089	482.3	100, 100
130	0	0.0092	0.0230	0.0115	0.0506	0.0505	0.0322	0.0529	120-130	0.0204	482.3	100, 100
140	0.0184	0.0298	0.0505	0.0299	0.0781	0.0575	0.0322	0.0575	130-140	0.0273	482.3	100, 100
150	0.0322	0.0483	0.0597	0.0506	0.0873	0.0781	0.0506	0.0645	140-150	0.0325	482.3	100, 100
160	0.0414	0.0689	0.0965	0.0735	0.0919	0.0942	0.0643	0.0850	150-160	0.0309	482.4	100, 100
170	0.0597	0.0781	0.0965	0.0804	0.0919	0.1011	0.1011	0.1034	160-170	0.0236	482.4	100, 100
180	0.0735	0.0919	0.0965	0.0965	0.0919	0.1011	0.1149	0.1034	170-180	0.0089	482.4	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 258.12 lm

%lum = 53.5%

%lamp = 53.5%

Conical surface Flux(120deg): 368.31 lm

%lum = 76.3%

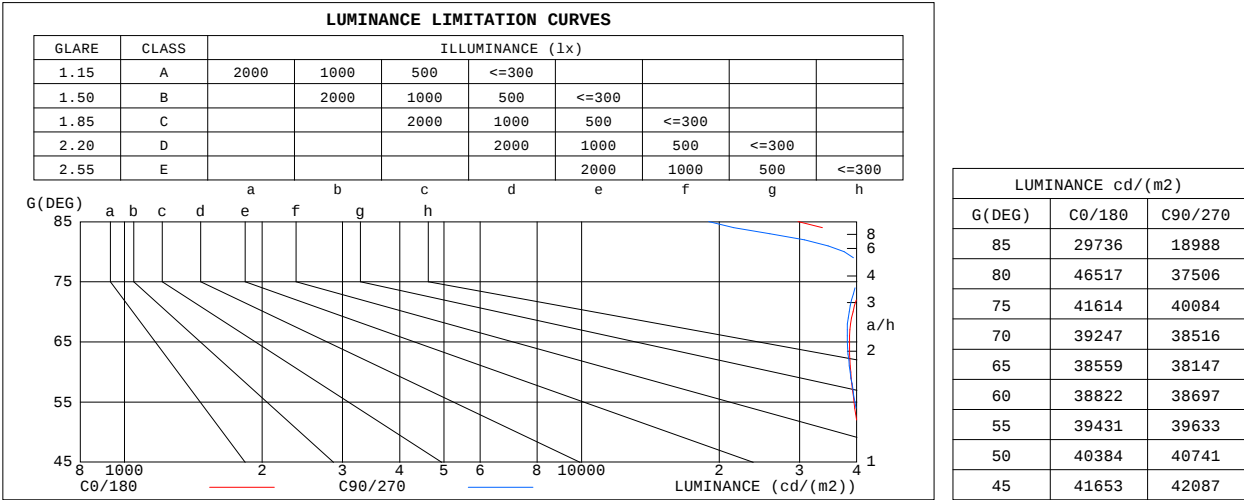
%lamp = 76.3%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: Qin Meng
 Test Date: 2023-04-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 8.540m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:12.00V I:0.4037A P:4.844W PF:1.000 Freq:0Hz Lamp Flux:482.405x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*12mm	Shielding Angle:



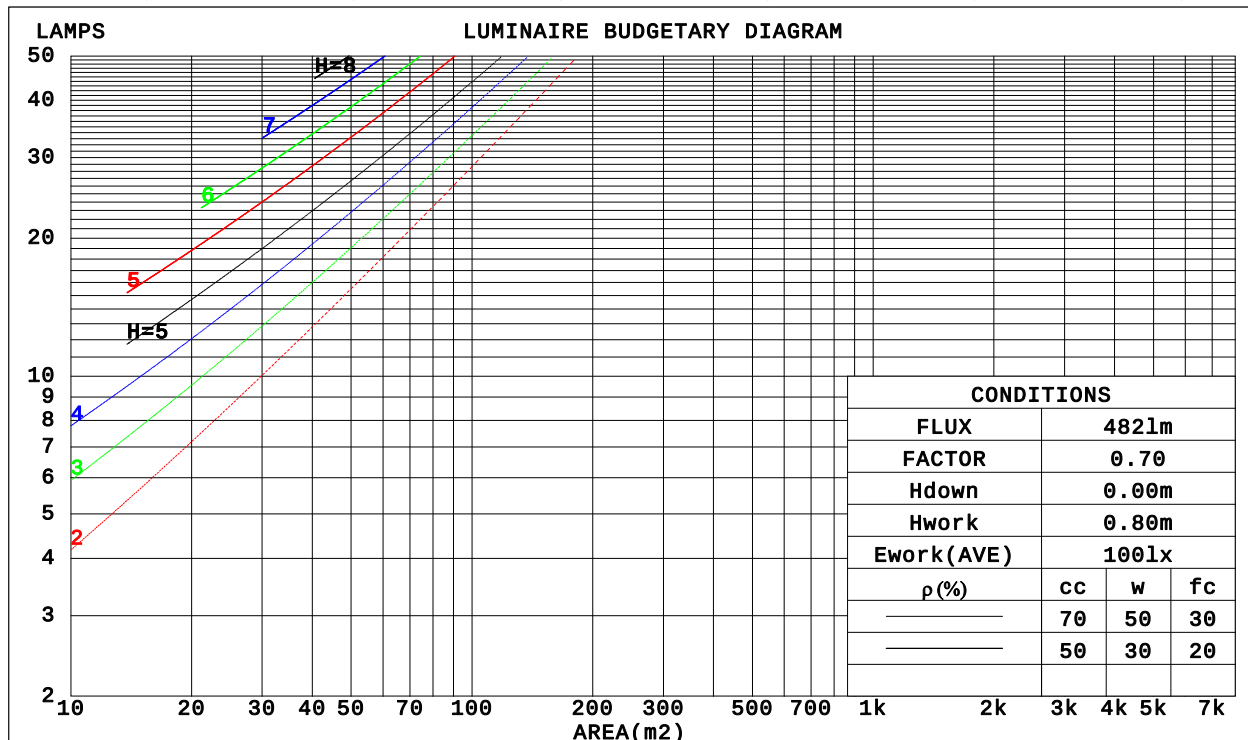
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2023-04-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:12.00V I:0.4037A P:4.844W PF:1.000 Freq:0Hz Lamp Flux:482.405x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*12mm	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.03	.98	.94	1.01	.97	.93	.96	.93	.90	.92	.90	.87	.89	.87	.84	.82
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.70	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.66	.61	.69	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.33	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.43	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.37	.31	.26	.25



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:Qin Meng
 Test Date:2023-04-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.540m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:12.00V I:0.4037A P:4.844W PF:1.000 Freq:0Hz Lamp Flux:482.405x1 lm														
NAME:					TYPE:					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:				
MFR.:					SUR.:280*12mm					Shielding Angle:				

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Wall Exitance Coefficients(WEC)															
0.0																
1.0	.326	.185	.059	.318	.182	.058	.305	.175	.056	.293	.169	.054	.281	.163	.053	
2.0	.300	.164	.050	.293	.162	.050	.282	.157	.049	.271	.152	.048	.261	.147	.046	
3.0	.274	.146	.044	.269	.144	.043	.258	.140	.043	.248	.136	.042	.240	.133	.041	
4.0	.251	.131	.038	.246	.129	.038	.237	.126	.038	.228	.123	.037	.220	.120	.036	
5.0	.231	.118	.034	.227	.116	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.198	.098	.028	.195	.097	.028	.188	.095	.027	.182	.094	.027	.177	.092	.027	
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.171	.086	.025	.166	.085	.025	
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.156	.079	.023	
10.0	.163	.078	.022	.160	.077	.022	.156	.076	.021	.151	.075	.021	.147	.074	.021	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.157	.134	.156	.135	.115	.107	.093	.080	.061	.054	.046	.020	.017	.015	
2.0	.174	.133	.098	.149	.114	.085	.102	.079	.059	.059	.046	.035	.019	.015	.011	
3.0	.166	.115	.075	.143	.100	.065	.098	.069	.045	.057	.040	.027	.018	.013	.009	
4.0	.158	.102	.059	.136	.088	.051	.094	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.151	.092	.048	.129	.079	.042	.089	.055	.030	.052	.033	.018	.017	.011	.006	
6.0	.143	.083	.040	.123	.072	.035	.085	.051	.025	.049	.030	.015	.016	.010	.005	
7.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.130	.071	.030	.112	.061	.026	.077	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.066	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.118	.061	.024	.102	.053	.021	.071	.037	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:Qin Meng
 Test Date:2023-04-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.540m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:12.00V I:0.4037A P:4.844W PF:1.000 Freq:0Hz Lamp Flux:482.405x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.:280*12mm			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	27.9	29.4	28.2	29.6	29.8	27.9	29.4	28.2	29.6	29.8	
	3H	29.6	31.1	29.9	31.3	31.5	29.6	31.0	29.9	31.3	31.5
	4H	30.5	31.9	30.8	32.1	32.4	30.4	31.8	30.8	32.0	32.3
	6H	31.3	32.6	31.7	32.9	33.2	31.1	32.4	31.5	32.7	33.0
	8H	31.7	32.9	32.1	33.2	33.5	31.3	32.5	31.6	32.8	33.1
	12H	31.8	33.0	32.2	33.3	33.6	31.3	32.5	31.7	32.8	33.1
4H	2H	28.6	29.9	28.9	30.2	30.4	28.6	29.9	28.9	30.2	30.4
	3H	30.6	31.8	30.9	32.1	32.4	30.5	31.7	30.9	32.0	32.3
	4H	31.6	32.7	32.0	33.0	33.3	31.6	32.6	31.9	33.0	33.3
	6H	32.6	33.6	33.0	33.9	34.3	32.4	33.4	32.8	33.8	34.1
	8H	33.1	34.0	33.5	34.4	34.7	32.7	33.6	33.1	33.9	34.3
	12H	33.3	34.1	33.7	34.5	34.9	32.7	33.6	33.1	33.9	34.4
8H	4H	32.0	32.9	32.5	33.3	33.7	32.0	32.9	32.4	33.3	33.7
	6H	33.3	34.1	33.8	34.5	34.9	33.1	33.9	33.6	34.3	34.7
	8H	33.9	34.6	34.4	35.0	35.5	33.5	34.1	33.9	34.6	35.0
	12H	34.3	34.9	34.8	35.4	35.8	33.6	34.2	34.1	34.6	35.1
12H	4H	32.1	32.9	32.5	33.3	33.7	32.1	32.9	32.5	33.3	33.7
	6H	33.5	34.1	33.9	34.6	35.0	33.3	34.0	33.8	34.4	34.8
	8H	34.2	34.8	34.7	35.2	35.7	33.7	34.3	34.2	34.7	35.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.2					
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117, 482.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.5)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:Qin Meng
 Test Date:2023-04-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.540m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:12.00V I:0.4037A P:4.844W PF:1.000 Freq:0Hz Lamp Flux:482.405x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*12mm	Shielding Angle:

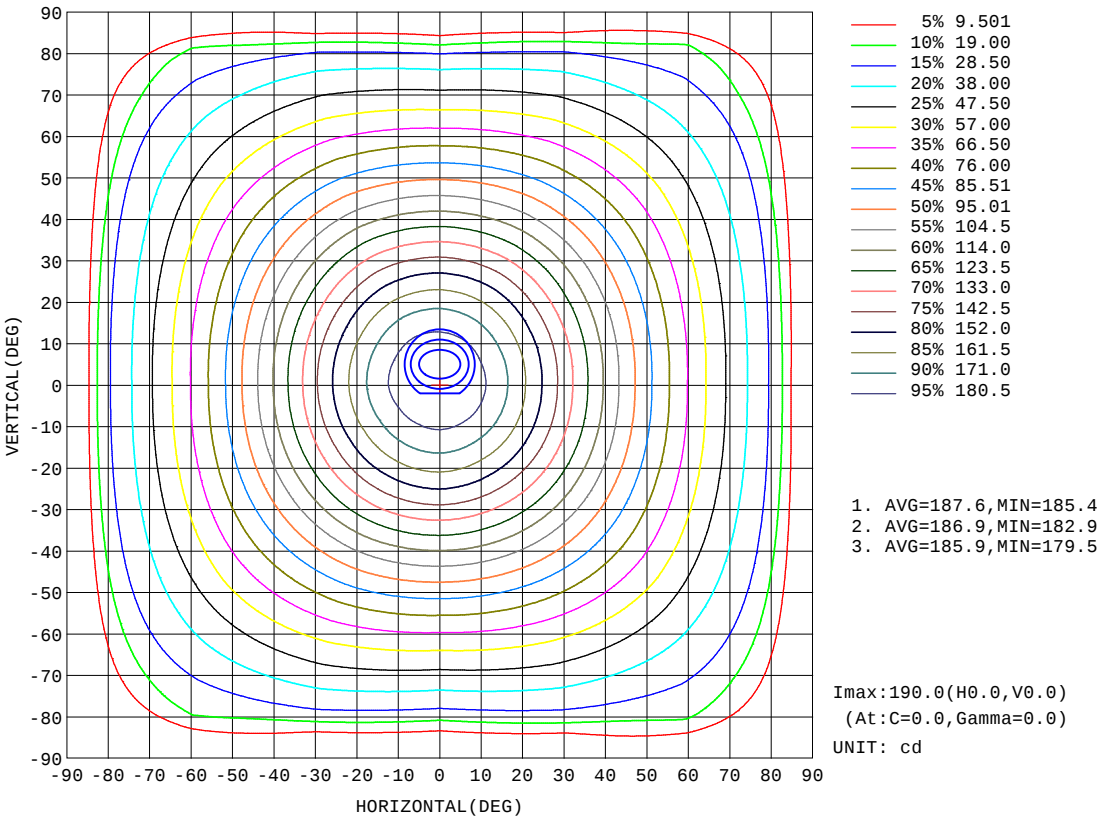
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	58	47	40	57	46	40	56	46	39	33
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	77	70	86	77	70	83	75	69	61
2.00	94	85	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	94	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	93	99	94	91	82
5.00	108	103	99	106	101	97	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:Qin Meng
 Test Date:2023-04-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.540m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:12.00V I:0.4037A P:4.844W PF:1.000 Freq:0Hz Lamp Flux:482.405x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*12mm	Shielding Angle:



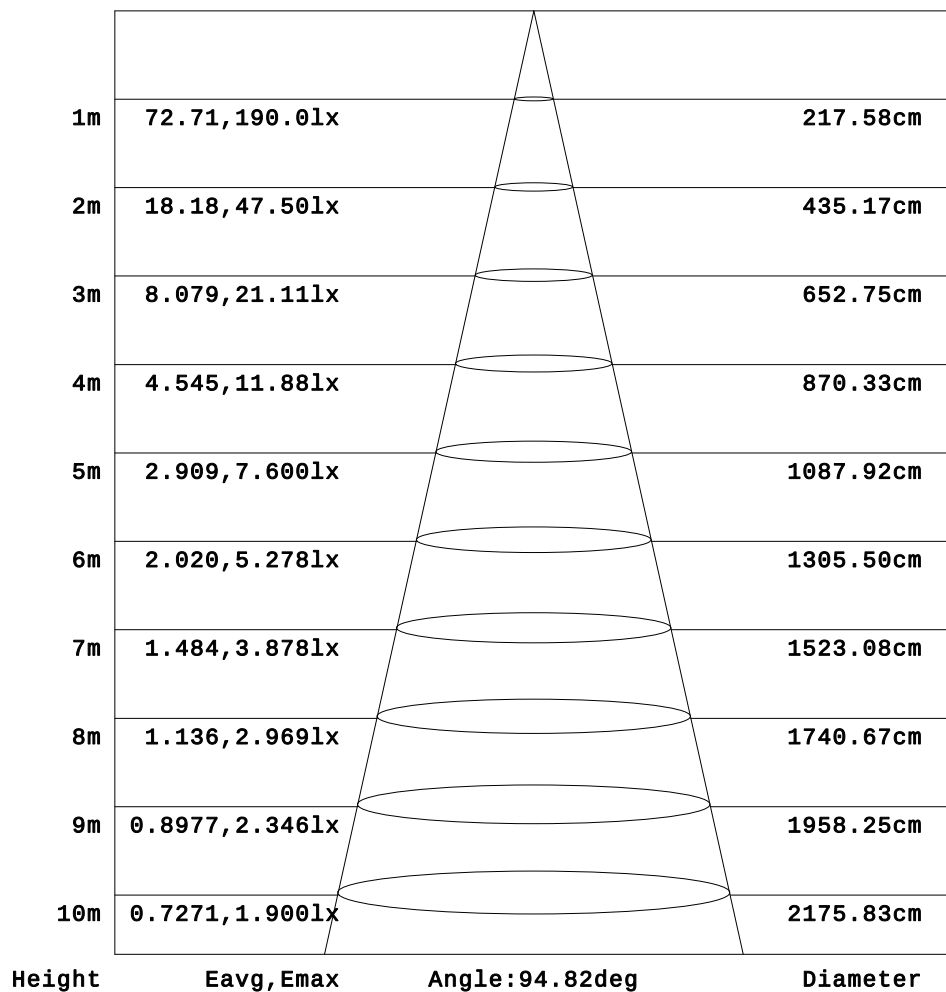
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2023-04-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

AAI Figure

Test:U:12.00V I:0.4037A P:4.844W PF:1.000 Freq:0Hz Lamp Flux:482.405x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*12mm	Shielding Angle:

Flux out:281.8 lm



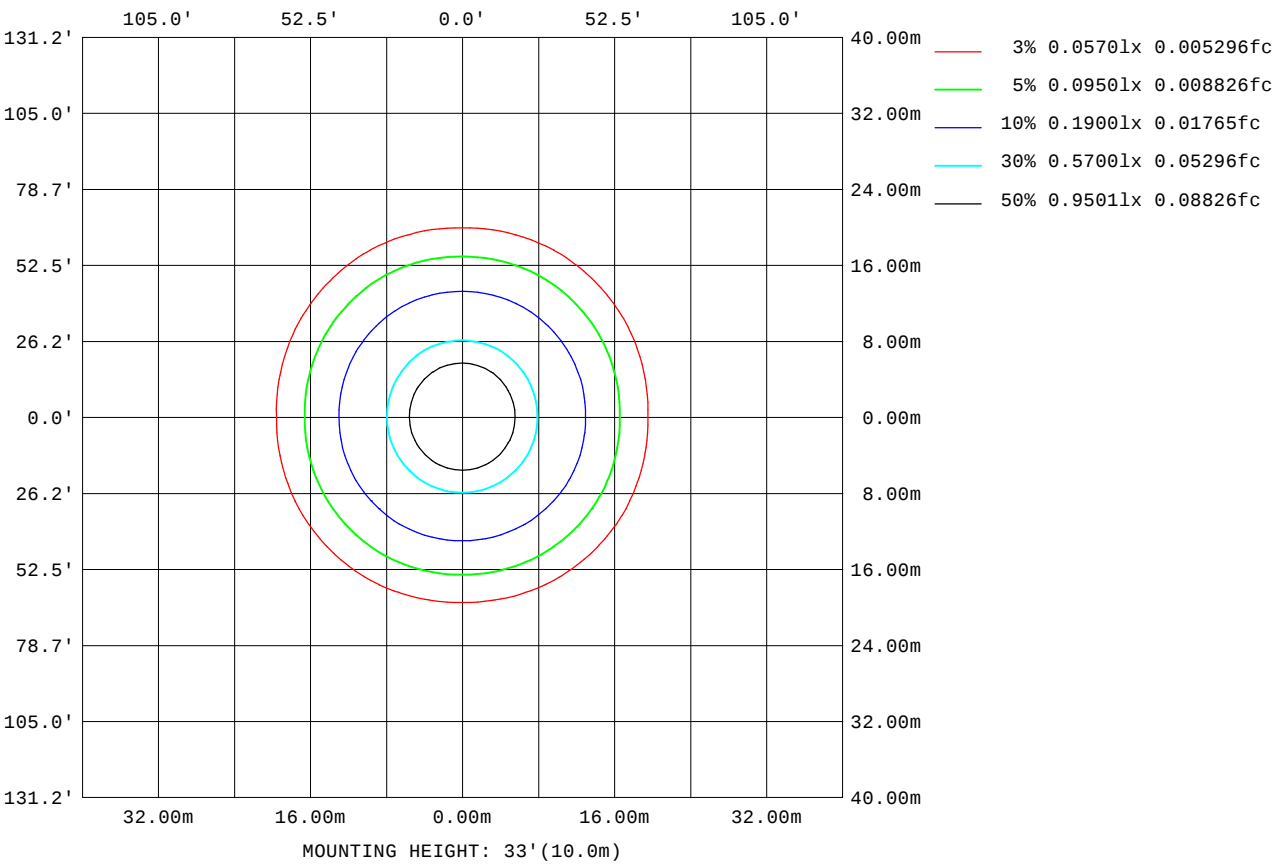
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators: Qin Meng
 Test Date: 2023-04-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 8.540m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:12.00V I:0.4037A P:4.844W PF:1.000 Freq:0Hz Lamp Flux:482.405x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*12mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.00DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2023-04-13

γ Range: 0 - 180DEG
γ Interval: 1.00DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:12.00V I:0.4037A P:4.844W PF:1.000 Freq:0Hz Lamp Flux:482.405x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:280*12mm	Shielding Angle:

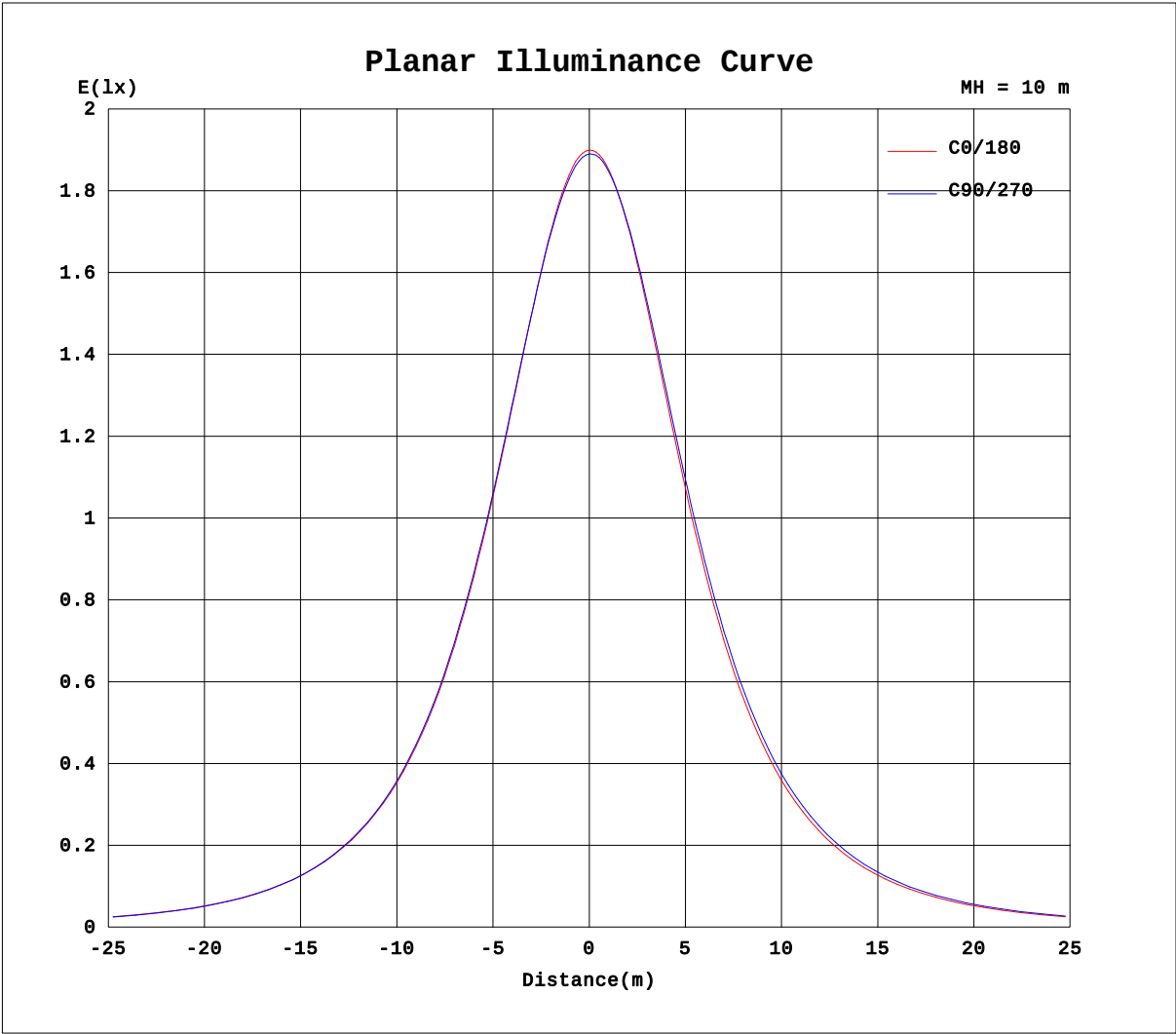
AvgL	cd/m2
L_0~180(65)av	38780
L_0~180(75)av	41548
L_0~180(85)av	28467
L_90~270(65)av	39903
L_90~270(75)av	42813
L_90~270(85)av	22116
L_45(65)av	41233
L_45(75)av	45749
L_45(85)av	54795

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2023-04-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:Qin Meng
Test Date:2023-04-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.540m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:12.00V I:0.4037A P:4.844W PF:1.000 Freq:0Hz Lamp Flux:482.405x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:280*12mm						Shielding Angle:		

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330					
0	190	190	189	189	189	189	190	190	189	189	189	189					
5	188	187	187	187	187	187	189	188	188	188	188	187					
10	182	182	181	182	182	182	184	184	184	184	183	182					
15	174	173	173	174	174	174	176	177	177	177	176	174					
20	163	163	163	164	164	164	166	167	168	168	167	164					
25	151	151	151	152	152	152	154	155	157	157	156	153					
30	138	139	139	140	140	140	141	143	145	145	143	140					
35	125	126	126	127	127	127	128	130	132	132	131	127					
40	113	113	113	114	114	114	115	117	119	119	118	115					
45	100	101	101	101	102	101	102	104	107	106	106	103					
50	88.3	89.1	89.3	89.0	90.0	89.5	89.5	92.0	94.6	94.0	93.5	90.8					
55	76.9	78.1	78.0	77.3	78.5	78.4	77.9	80.7	83.0	82.2	82.1	79.7					
60	66.0	67.7	67.3	65.8	67.7	67.8	66.8	70.0	72.1	70.8	71.3	69.3					
65	55.4	57.5	57.1	54.8	57.5	57.7	56.0	59.8	61.7	59.9	61.1	59.2					
70	45.6	47.4	47.5	44.8	47.9	47.5	46.2	49.6	51.9	49.6	51.5	49.2					
75	36.6	38.3	38.4	35.3	38.7	38.2	36.5	40.3	42.8	40.1	42.5	40.0					
80	27.5	29.8	28.2	22.1	27.9	28.9	27.6	31.4	33.1	28.1	33.0	31.7					
85	8.81	20.1	8.34	5.63	7.34	18.2	8.06	21.7	11.5	7.48	12.6	22.5					
90	0.06	1.70	1.82	2.26	1.84	1.60	0.05	1.90	2.19	2.54	2.33	2.23					
95	0.00	0.00	0.22	0.48	0.10	0.00	0.00	0.03	0.52	0.95	0.60	0.04					
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.01	0.02					
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.01	0.01					
110	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.01	0.01	0.02	0.00					
115	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.00	0.02	0.00					
120	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.04	0.04	0.04	0.01					
125	0.00	0.01	0.00	0.00	0.00	0.01	0.04	0.04	0.05	0.04	0.05	0.04					
130	0.00	0.02	0.00	0.02	0.00	0.02	0.05	0.04	0.06	0.03	0.06	0.05					
135	0.00	0.04	0.00	0.03	0.00	0.04	0.06	0.04	0.06	0.03	0.06	0.05					
140	0.02	0.05	0.01	0.05	0.01	0.05	0.08	0.04	0.08	0.03	0.07	0.05					
145	0.02	0.06	0.03	0.06	0.03	0.06	0.08	0.04	0.09	0.04	0.07	0.05					
150	0.03	0.06	0.03	0.06	0.03	0.07	0.09	0.05	0.11	0.05	0.07	0.06					
155	0.03	0.08	0.03	0.09	0.03	0.07	0.09	0.06	0.11	0.06	0.10	0.06					
160	0.04	0.09	0.05	0.10	0.05	0.10	0.09	0.08	0.11	0.06	0.10	0.07					
165	0.05	0.09	0.06	0.10	0.06	0.10	0.09	0.09	0.11	0.09	0.11	0.08					
170	0.06	0.10	0.06	0.10	0.06	0.10	0.09	0.10	0.11	0.10	0.11	0.10					
175	0.06	0.11	0.07	0.10	0.07	0.10	0.09	0.10	0.11	0.11	0.11	0.11					
180	0.07	0.10	0.09	0.10	0.09	0.11	0.09	0.10	0.10	0.11	0.11	0.10					

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