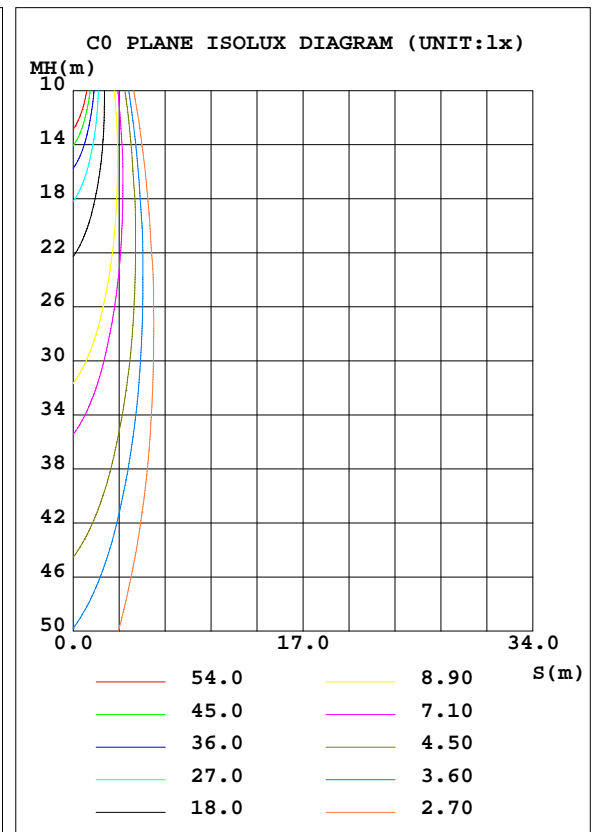
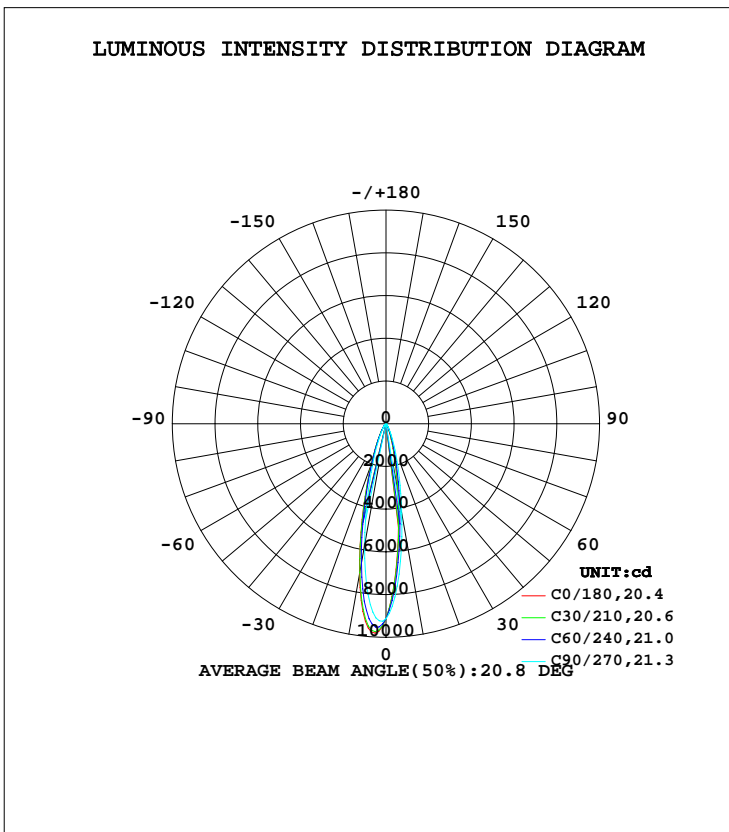


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:48.06V I:0.4827A P:23.20W PF:1.000 Freq:60.00Hz Lamp Flux:2164.78x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4044K-Ra94	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	Z22Y-16T-4000K-24	Imax(cd)	9812	S/MH(C0/180)	0.46
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	0.41
RATED VOLTAGE(V)	48	TOTAL FLUX(lm)	2164.8	η UP, DN(C0-180)	2.9,38.3
NOMINAL FLUX(lm)	2164.78	CIE CLASS	DIRECT	η UP, DN(C180-360)	2.8,56.0
LAMPS INSIDE	1	η up(%)	5.8	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	48	η down(%)	94.2	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:sunny
 Test Date:2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: SDCM3.6

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3161	3498	4269	4754	7145	6709	5772	4842	0- 10	649.2	649.2	30,30
20	647.4	793.2	1129	1248	2010	1922	1567	1143	10- 20	741.0	1390	64.2,64.2
30	186.5	210.8	281.5	297.6	524.1	505.4	420.7	329.7	20- 30	309.1	1699	78.5,78.5
40	92.21	96.95	111.2	112.6	188.2	183.1	156.3	133.3	30- 40	130.6	1830	84.5,84.5
50	59.46	60.66	66.19	66.18	90.74	90.29	80.38	71.41	40- 50	75.01	1905	88,88
60	39.29	38.33	39.16	39.15	51.52	52.26	47.50	44.30	50- 60	50.58	1956	90.3,90.3
70	27.24	27.12	27.26	27.20	33.38	33.99	31.97	30.16	60- 70	35.61	1991	92,92
80	21.44	20.99	20.75	21.26	24.35	25.23	23.71	22.96	70- 80	27.29	2018	93.2,93.2
90	17.74	18.26	17.81	17.60	19.05	18.63	18.03	17.74	80- 90	21.62	2040	94.2,94.2
100	17.61	18.15	17.67	17.24	17.90	18.28	17.94	17.44	90-100	19.46	2060	95.1,95.1
110	17.65	18.13	17.82	17.41	17.87	18.40	17.95	17.66	100-110	18.80	2078	96,96
120	17.86	18.33	17.95	17.52	17.95	18.28	17.87	17.95	110-120	17.71	2096	96.8,96.8
130	18.65	19.11	18.39	17.89	18.13	18.52	18.25	17.84	120-130	16.19	2112	97.6,97.6
140	21.27	21.36	20.18	19.20	18.75	19.09	18.91	18.83	130-140	14.54	2127	98.2,98.2
150	26.55	26.54	24.79	23.15	21.02	21.66	22.15	22.08	140-150	13.28	2140	98.9,98.9
160	32.83	32.91	31.26	29.35	27.09	28.42	29.17	29.01	150-160	12.20	2152	99.4,99.4
170	35.42	35.65	35.04	33.13	34.18	35.18	35.08	33.68	160-170	9.184	2161	99.8,99.8
180	36.01	36.39	35.93	33.48	35.76	36.43	35.82	33.87	170-180	3.343	2165	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1871.4 lm

%lum = 86.4%
%lamp = 86.4%

Conical surface Flux(120deg): 1955.6 lm

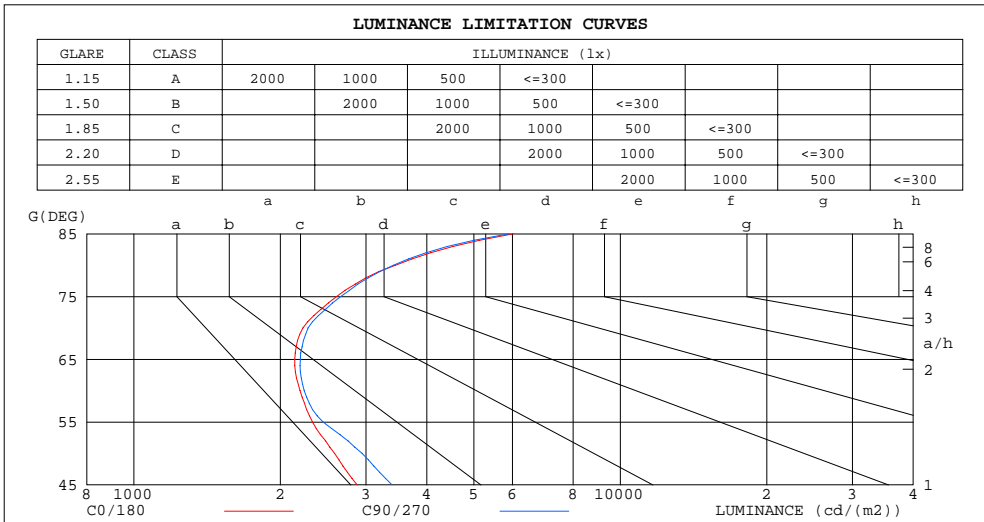
%lum = 90.3%
%lamp = 90.3%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:sunny
Test Date:2023-08-23

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks: SDCM3.6

LUMINANCE LIMITATION CURVES

Test:U:48.06V I:0.4827A P:23.20W PF:1.000 Freq:60.00Hz Lamp Flux:2164.78x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4044K-Ra94	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: sunny
 Test Date: 2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks: SDCM3.6

WEC AND CCEC

Test:U:48.06V I:0.4827A P:23.20W PF:1.000 Freq:60.00Hz Lamp Flux:2164.78x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4044K-Ra94	DIM.:	SERIAL No.:
MFR.:	SUR.:	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	.177	.101	.032	.168	.096	.030	.152	.087	.028	.138	.080	.026	.124	.072	.023	
2.0	.161	.088	.027	.154	.085	.026	.140	.078	.024	.128	.072	.022	.116	.066	.021	
3.0	.149	.079	.024	.142	.076	.023	.131	.071	.022	.120	.066	.020	.110	.061	.019	
4.0	.138	.072	.021	.133	.069	.021	.122	.065	.019	.113	.061	.018	.104	.057	.017	
5.0	.129	.066	.019	.124	.064	.019	.115	.060	.018	.107	.056	.017	.099	.053	.016	
6.0	.121	.061	.017	.117	.059	.017	.109	.056	.016	.101	.053	.015	.094	.050	.015	
7.0	.114	.056	.016	.110	.055	.016	.103	.052	.015	.096	.049	.014	.090	.047	.014	
8.0	.108	.053	.015	.104	.051	.015	.098	.049	.014	.092	.047	.013	.086	.044	.013	
9.0	.102	.049	.014	.099	.048	.014	.093	.046	.013	.088	.044	.013	.083	.042	.012	
10.0	.097	.047	.013	.095	.046	.013	.089	.044	.012	.084	.042	.012	.080	.040	.011	

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	.234	.234	.234	.200	.200	.200	.137	.137	.137	.079	.079	.079	.025	.025	.025	
1.0	.215	.202	.189	.184	.173	.163	.126	.119	.113	.073	.069	.065	.023	.022	.021	
2.0	.199	.177	.158	.171	.152	.137	.117	.105	.095	.067	.061	.056	.022	.020	.018	
3.0	.186	.158	.136	.159	.137	.118	.109	.095	.083	.063	.055	.049	.020	.018	.016	
4.0	.174	.143	.120	.150	.124	.104	.103	.086	.073	.060	.051	.043	.019	.016	.014	
5.0	.165	.132	.107	.141	.114	.093	.097	.080	.066	.056	.047	.039	.018	.015	.013	
6.0	.156	.122	.098	.134	.106	.085	.093	.074	.060	.054	.044	.036	.017	.014	.012	
7.0	.149	.114	.090	.128	.099	.079	.088	.069	.056	.051	.041	.033	.017	.013	.011	
8.0	.142	.108	.084	.122	.094	.073	.085	.066	.052	.049	.039	.031	.016	.013	.010	
9.0	.137	.102	.079	.118	.089	.069	.082	.062	.049	.047	.037	.029	.015	.012	.010	
10.0	.132	.098	.075	.113	.085	.066	.079	.060	.047	.046	.035	.028	.015	.012	.009	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:sunny
 Test Date:2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: SDCM3.6

UGR(Unified Glare Rating) Table

Test:U:48.06V I:0.4827A P:23.20W PF:1.000 Freq:60.00Hz Lamp Flux:2164.78x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:4044K-Ra94					DIM.:			SERIAL No.:		
MFR.:					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	6.2	7.0	6.5	7.2	7.5	6.7	7.4	7.0	7.7	7.9
3H	7.7	8.4	8.0	8.7	9.0	8.0	8.7	8.4	9.0	9.3
4H	8.6	9.3	9.0	9.6	9.9	8.9	9.6	9.2	9.9	10.2
6H	9.7	10.4	10.1	10.7	11.1	9.9	10.6	10.3	10.9	11.2
8H	10.4	11.0	10.8	11.4	11.7	10.5	11.1	10.9	11.5	11.8
12H	11.2	11.8	11.6	12.1	12.5	11.2	11.8	11.6	12.2	12.6
4H 2H	6.7	7.4	7.1	7.7	8.1	7.1	7.8	7.4	8.1	8.4
3H	8.5	9.1	8.9	9.5	9.9	8.7	9.3	9.1	9.7	10.1
4H	9.6	10.2	10.1	10.6	11.0	9.8	10.4	10.2	10.8	11.2
6H	11.0	11.5	11.4	11.9	12.3	11.1	11.5	11.5	12.0	12.4
8H	11.7	12.2	12.2	12.6	13.1	11.8	12.2	12.2	12.7	13.2
12H	12.6	13.1	13.1	13.5	14.0	12.6	13.0	13.1	13.5	14.0
8H 4H	10.1	10.5	10.6	11.0	11.5	10.2	10.7	10.7	11.1	11.6
6H	11.7	12.1	12.2	12.6	13.1	11.8	12.1	12.3	12.6	13.2
8H	12.7	13.0	13.2	13.5	14.1	12.6	13.0	13.2	13.5	14.1
12H	13.8	14.1	14.4	14.6	15.2	13.7	14.0	14.3	14.6	15.2
12H 4H	10.2	10.6	10.7	11.1	11.6	10.3	10.7	10.8	11.2	11.7
6H	11.9	12.2	12.4	12.8	13.3	12.0	12.3	12.5	12.8	13.4
8H	13.0	13.3	13.5	13.8	14.4	12.9	13.2	13.5	13.8	14.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
2.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.3				

CIE Pub.117, 2165 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.7)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:sunny
 Test Date:2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: SDCM3.6

UTILIZATION FACTORS TABLE

Test:U:48.06V I:0.4827A P:23.20W PF:1.000 Freq:60.00Hz Lamp Flux:2164.78x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4044K-Ra94	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

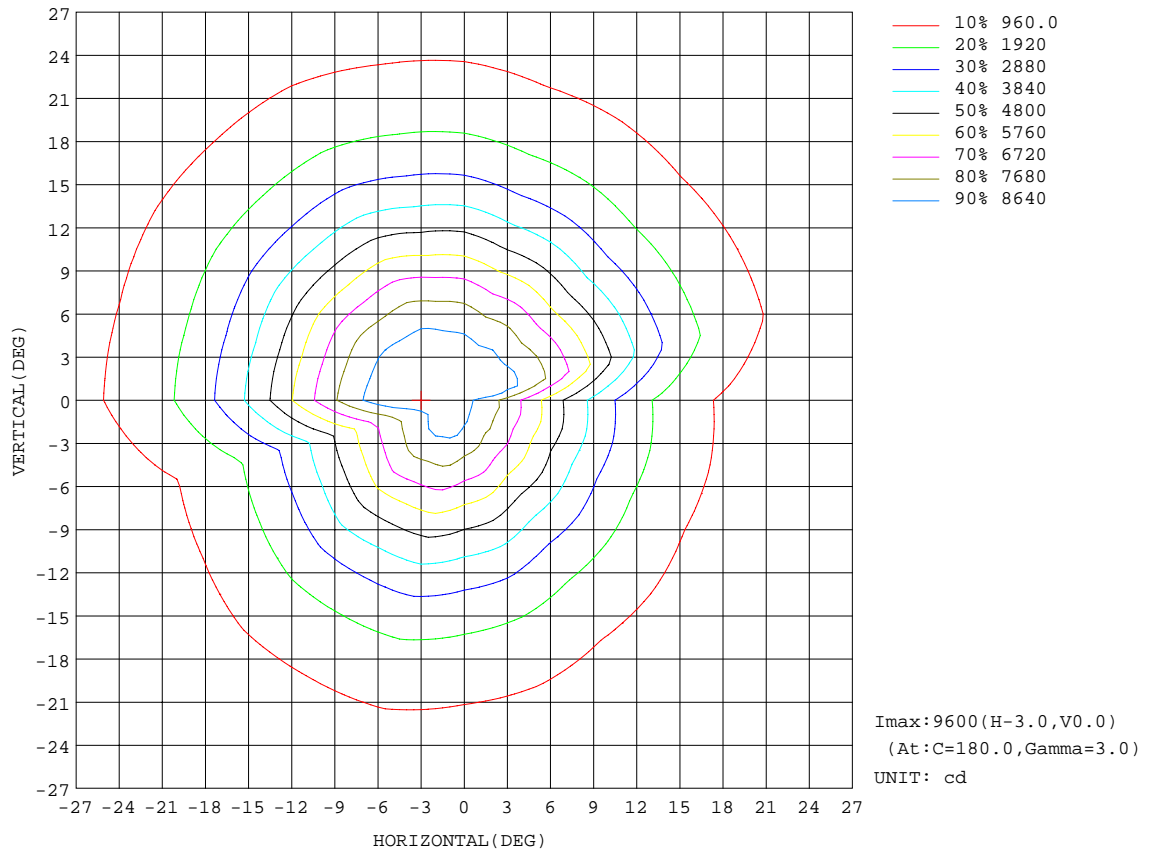
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	82	75	71	81	75	71	80	74	70	66
0.80	89	83	79	89	82	78	87	81	78	73
1.00	94	88	83	93	87	83	91	87	82	77
1.25	98	92	88	97	91	88	94	90	86	81
1.50	101	96	92	100	95	91	97	93	89	84
2.00	105	99	96	103	98	95	99	95	93	86
2.50	107	102	98	104	100	97	100	97	95	87
3.00	108	104	101	106	102	99	102	99	97	88
4.00	111	107	105	108	105	103	104	101	99	90
5.00	112	109	107	110	107	105	105	103	101	91
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:sunny
 Test Date:2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: SDCM3.6

ISOCANDELA DIAGRAM

Test:U:48.06V I:0.4827A P:23.20W PF:1.000 Freq:60.00Hz Lamp Flux:2164.78x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4044K-Ra94	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



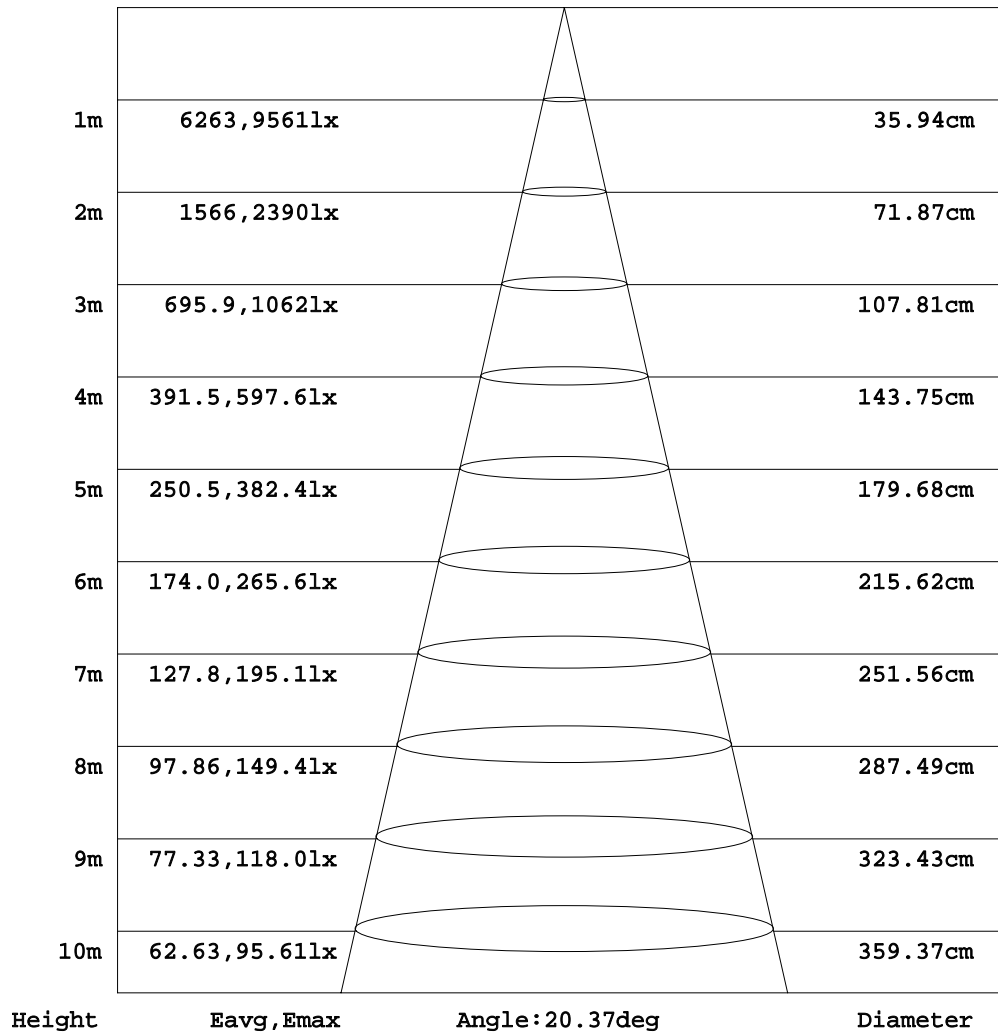
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:sunny
 Test Date:2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: SDCM3.6

AAI Figure

Test:U:48.06V I:0.4827A P:23.20W PF:1.000 Freq:60.00Hz Lamp Flux:2164.78x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4044K-Ra94	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:743.5 lm

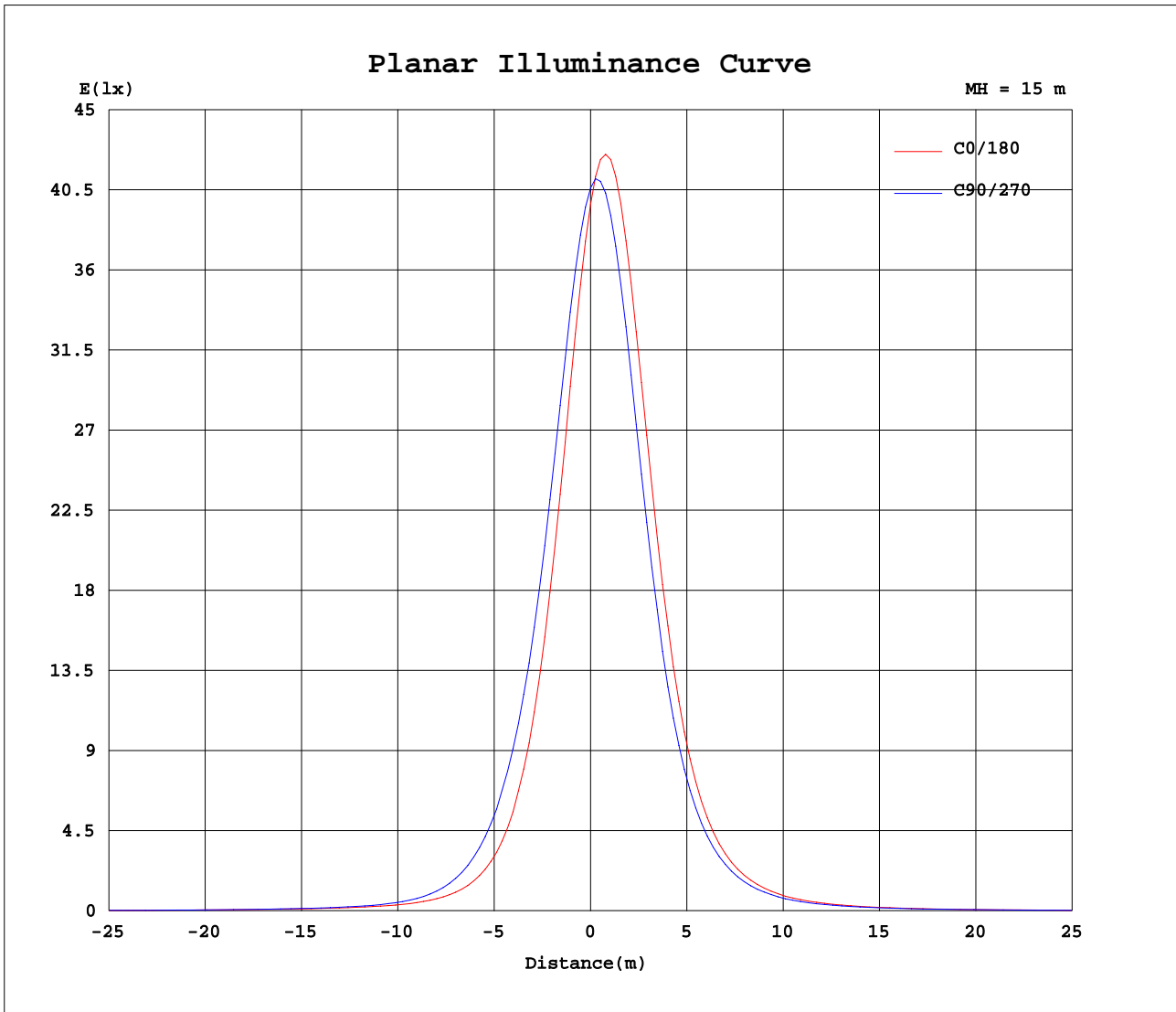


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:sunny
 Test Date:2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: SDCM3.6

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: sunny
 Test Date: 2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks: SDCM3.6

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.06V I:0.4827A P:23.20W PF:1.000 Freq:60.00Hz Lamp Flux:2164.78x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4044K-Ra94	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	9127	9127	9127	9127	9127	9127	9127	9127	9127	9127	9127	9127	9127	9127	9127	9127	9127	9127	9127
5	6128	6256	6196	6445	6527	6893	7061	7444	7442	7616	7381	7309	9596	9448	9507	9236	9165	8684	8491
10	3161	3253	3290	3498	3663	4093	4269	4630	4647	4754	4490	4347	7145	6970	7061	6709	6643	6009	5772
15	1419	1498	1519	1693	1827	2103	2272	2519	2496	2532	2303	2185	4083	3938	4048	3825	3771	3353	3135
20	647	683	700	793	867	1036	1129	1277	1239	1248	1098	1031	2010	1949	2017	1922	1915	1706	1567
25	324	339	349	388	426	499	551	620	605	599	531	492	993	958	1000	957	960	848	790
30	186	189	198	211	229	255	282	307	303	298	273	254	524	512	525	505	504	452	421
35	124	124	129	134	142	152	165	173	173	168	161	151	300	297	297	290	283	263	243
40	92.2	92.3	95.7	97.0	102	105	111	114	115	113	109	105	188	188	186	183	178	168	156
45	72.8	72.3	74.7	75.4	78.7	80.5	83.9	84.9	85.8	84.0	82.6	79.3	127	127	127	124	121	116	109
50	59.5	59.0	60.5	60.7	62.9	63.8	66.2	66.5	67.5	66.2	65.3	63.1	90.7	91.1	91.5	90.3	88.2	84.7	80.4
55	47.8	47.1	47.9	47.1	48.1	47.9	49.1	49.3	50.5	50.4	50.1	48.8	68.6	69.5	69.6	69.5	68.0	65.9	62.4
60	39.3	38.7	39.3	38.3	39.0	38.5	39.2	38.6	39.7	39.1	39.8	39.2	51.5	52.4	52.6	52.3	51.1	49.9	47.5
65	32.4	32.0	32.5	31.8	31.9	31.9	32.5	31.8	32.6	32.3	32.9	32.3	40.9	41.6	41.5	41.4	40.8	40.4	38.6
70	27.2	27.0	27.7	27.1	27.3	27.0	27.3	26.7	27.6	27.2	27.7	27.1	33.4	34.0	34.0	34.0	33.4	33.4	32.0
75	24.2	24.1	24.6	24.0	24.1	23.9	24.1	23.5	24.5	23.9	24.5	23.8	27.7	28.4	28.6	28.7	28.1	28.2	27.0
80	21.4	21.2	21.5	21.0	20.8	20.2	20.7	20.4	21.4	21.3	21.7	21.2	24.4	25.1	25.3	25.2	24.7	24.7	23.7
85	18.8	18.6	18.5	18.3	18.6	18.0	18.0	17.4	18.2	18.5	19.0	18.7	21.6	22.0	22.0	21.7	21.1	21.1	20.1
90	17.7	17.9	18.2	18.3	18.4	17.9	17.8	17.2	17.9	17.6	17.9	17.4	19.0	19.2	18.9	18.6	18.3	18.8	18.0
95	17.7	18.0	18.2	18.1	18.4	18.0	17.3	17.1	17.6	17.4	17.9	17.4	18.0	18.2	18.1	18.4	18.2	18.6	17.9
100	17.6	17.9	18.2	18.2	18.4	18.0	17.7	17.2	17.5	17.2	17.8	17.4	17.9	18.1	18.0	18.3	18.1	18.6	17.9
105	17.6	17.7	18.2	18.2	18.4	18.0	17.8	17.1	17.6	17.3	17.6	17.4	17.8	18.1	18.3	18.2	18.1	18.5	17.9
110	17.7	17.7	18.2	18.1	18.4	18.0	17.8	17.2	17.4	17.4	17.6	17.5	17.9	18.1	18.0	18.4	18.2	18.5	17.9
115	17.7	17.8	18.2	18.2	18.5	18.1	17.8	17.3	17.4	17.5	17.7	17.5	17.9	18.1	18.3	18.3	18.2	18.5	18.0
120	17.9	18.1	18.3	18.3	18.5	18.2	17.9	17.4	17.5	17.5	17.7	17.6	17.9	18.1	18.3	18.3	18.2	18.6	17.9
125	18.0	18.3	18.5	18.6	18.7	18.4	18.1	17.5	17.6	17.7	17.8	17.5	18.0	18.2	18.4	18.4	18.3	18.6	18.1
130	18.7	18.8	19.0	19.1	19.2	18.8	18.4	17.8	17.9	17.9	18.0	18.0	18.1	18.5	18.5	18.5	18.4	18.8	18.2
135	19.8	19.6	19.9	19.9	19.9	19.5	19.0	18.4	18.3	18.2	18.5	18.5	18.3	18.7	18.7	18.7	18.7	19.0	18.3
140	21.3	21.1	21.3	21.4	21.3	20.7	20.2	19.5	19.3	19.2	19.5	19.6	18.8	18.7	19.3	19.1	19.2	19.5	18.9
145	23.5	23.4	23.6	23.6	23.4	22.8	22.1	21.3	21.0	20.8	21.0	21.3	19.5	19.4	20.1	20.0	20.2	20.6	20.1
150	26.6	26.4	26.7	26.5	26.4	25.6	24.8	23.8	23.5	23.2	23.4	23.6	21.0	20.9	21.7	21.7	22.0	22.5	22.1
155	29.9	29.8	30.0	29.9	29.8	28.7	28.0	27.0	26.7	26.2	26.4	26.7	23.4	23.9	24.5	24.6	24.9	25.6	25.3
160	32.8	32.7	33.1	32.9	32.9	31.9	31.3	30.2	29.8	29.3	29.5	29.8	27.1	27.7	28.3	28.4	28.9	29.5	29.2
165	34.7	34.6	34.9	34.9	35.1	34.1	33.7	32.7	32.4	31.9	31.9	32.2	31.1	31.7	32.3	32.3	32.8	33.2	32.8
170	35.4	35.6	35.7	35.6	36.0	35.4	35.0	34.0	33.7	33.1	33.2	33.4	34.2	34.7	35.3	35.2	35.6	35.7	35.1
175	35.8	35.7	36.1	36.1	36.5	35.8	35.7	34.4	34.2	33.6	33.6	33.7	35.7	36.1	36.7	36.4	36.7	36.6	36.1
180	36.0	35.9	36.5	36.4	36.7	35.9	35.9	34.5	34.2	33.5	33.4	33.8	35.8	36.2	36.7	36.4	36.5	36.2	35.8

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:sunny
 Test Date:2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: SDCM3.6

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:48.06V I:0.4827A P:23.20W PF:1.000 Freq:60.00Hz Lamp Flux:2164.78x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:4044K-Ra94	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	285	300	315	330	345														
0	9127	9127	9127	9127	9127														
5	8054	7988	7775	7978	8060														
10	5189	5119	4842	5013	5067														
15	2737	2627	2430	2505	2554														
20	1327	1267	1143	1175	1181														
25	676	641	584	593	596														
30	369	352	330	334	338														
35	222	210	203	203	209														
40	144	137	133	133	137														
45	102	97.1	94.8	93.8	96.9														
50	75.9	72.4	71.4	70.3	72.6														
55	59.2	57.0	56.2	55.4	57.3														
60	45.6	44.5	44.3	43.8	45.5														
65	37.1	36.3	36.3	35.8	37.2														
70	30.7	30.2	30.2	30.1	30.8														
75	26.2	25.8	26.0	25.9	26.3														
80	23.0	22.6	23.0	23.1	23.4														
85	19.4	19.3	19.8	20.2	20.6														
90	17.7	17.5	17.7	17.5	18.0														
95	17.6	17.4	17.5	17.3	17.3														
100	17.5	17.1	17.4	17.3	17.6														
105	17.5	17.1	17.4	17.3	17.5														
110	17.5	17.1	17.7	17.3	17.5														
115	17.5	17.1	17.9	17.2	17.5														
120	17.6	17.2	17.9	17.2	17.6														
125	17.6	17.3	18.0	17.3	17.7														
130	17.8	17.5	17.8	17.4	17.8														
135	18.1	17.8	18.2	17.8	18.0														
140	18.6	18.4	18.8	18.4	18.3														
145	19.8	19.7	19.9	19.8	19.6														
150	22.1	21.8	22.1	21.8	21.7														
155	25.3	25.0	25.2	24.9	24.7														
160	29.4	28.7	29.0	28.5	28.3														
165	32.4	31.9	32.0	31.8	31.5														
170	34.4	33.8	33.7	33.5	33.3														
175	35.0	33.9	34.1	33.8	33.9														
180	34.8	34.1	33.9	33.7	33.8														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:sunny
 Test Date:2023-08-23

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: SDCM3.6