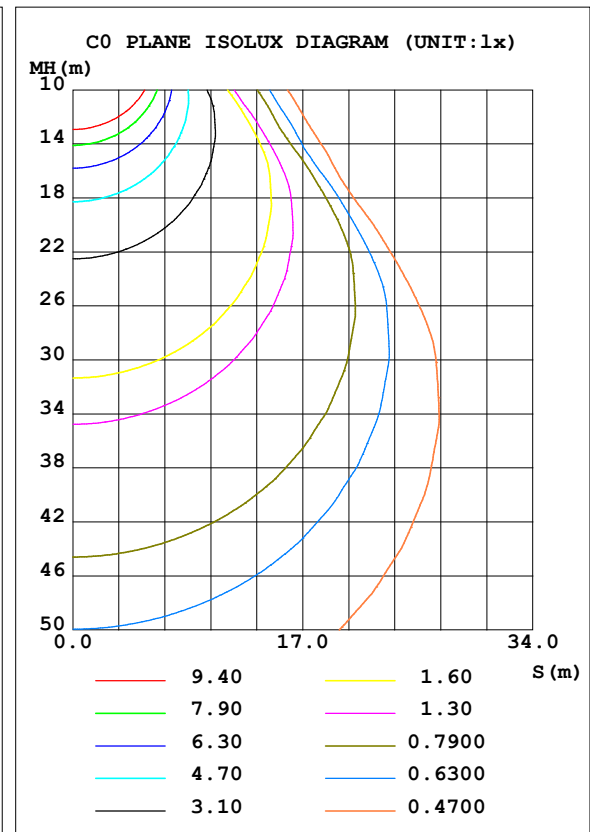
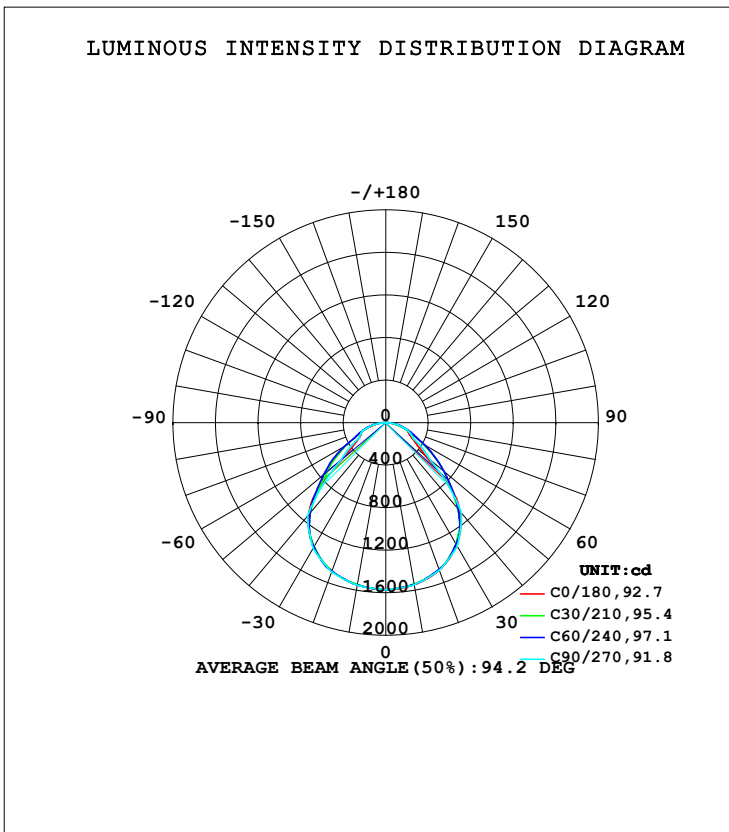


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.73 lm/W			
MODEL	30120	I _{max} (cd)	1571	S/MH (C0/180)	1.27
NOMINAL POWER (W)	36	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	3636.4	η UP, DN (C0-180)	0.0, 49.6
NOMINAL FLUX (lm)	3636.4	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)	220.8	η down (%)	100.0	CIBSE SHR MAX	1.35



H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date:

V(B) Range: -80 - 80DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 10.095m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

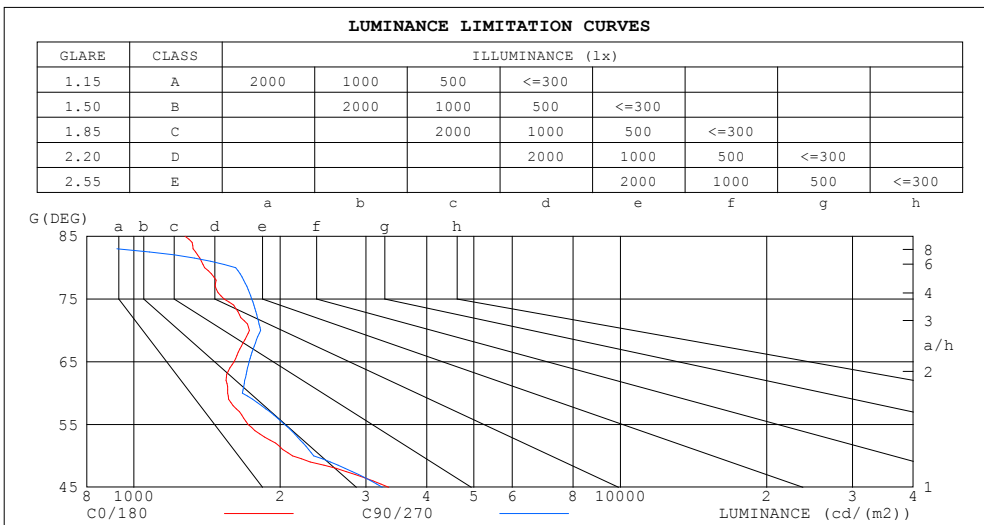
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1546	1541	1548	1543	1550	1547	1553	1545	0- 10	148.6	148.6	4.09,4.09
20	1475	1464	1477	1472	1484	1482	1493	1477	10- 20	428.5	577.0	15.9,15.9
30	1332	1319	1343	1337	1353	1349	1366	1343	20- 30	653.1	1230	33.8,33.8
40	1082	1061	1108	1094	1129	1110	1147	1098	30- 40	769.2	1999	55,55
50	490.5	720.3	542.4	706.2	527.0	726.0	556.0	683.7	40- 50	678.5	2678	73.6,73.6
60	280.6	437.8	301.1	458.6	292.4	476.3	292.8	458.1	50- 60	465.4	3143	86.4,86.4
70	212.9	204.3	224.4	217.4	227.6	206.8	235.9	193.2	60- 70	286.1	3429	94.3,94.3
80	87.37	117.0	101.3	122.1	95.79	115.5	102.5	104.3	70- 80	164.5	3594	98.8,98.8
90	1.743	0	0	0	2.072	0	0	0	80- 90	42.58	3636	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1275	0
80	1398	1620
75	1533	1748
70	1729	1823
65	1608	1727
60	1559	1673
55	1718	2043
50	2120	2344
45	3340	3241

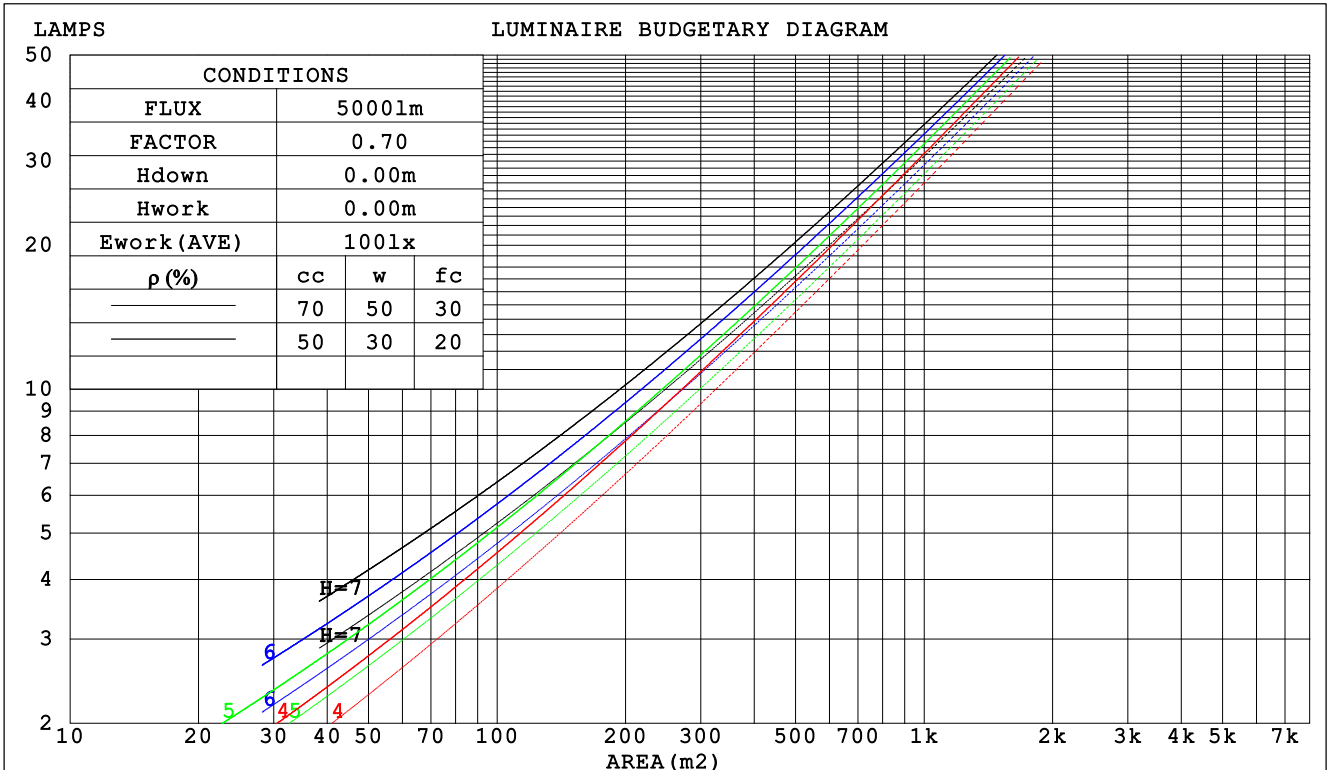
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
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						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	1.00
1.0	1.06	1.02	.99	1.04	1.00	.97	.99	.97	.94	.96	.93	.91	.92	.90	.88	.86
2.0	.94	.88	.83	.92	.86	.82	.88	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.84	.76	.70	.82	.75	.70	.79	.73	.68	.76	.71	.67	.74	.70	.66	.64
4.0	.75	.67	.61	.74	.66	.60	.71	.65	.59	.69	.63	.59	.67	.62	.58	.56
5.0	.68	.59	.53	.66	.59	.53	.64	.58	.52	.62	.56	.52	.61	.55	.51	.49
6.0	.61	.53	.47	.60	.52	.47	.59	.52	.46	.57	.51	.46	.55	.50	.46	.44
7.0	.56	.48	.42	.55	.47	.42	.54	.47	.41	.52	.46	.41	.51	.45	.41	.39
8.0	.51	.43	.38	.51	.43	.38	.49	.42	.37	.48	.42	.37	.47	.41	.37	.35
9.0	.47	.39	.34	.47	.39	.34	.46	.39	.34	.44	.38	.34	.43	.38	.34	.32
10.0	.44	.36	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.40	.35	.31	.29



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz		
Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	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	.272	.155	.049	.265	.151	.048	.252	.145	.046	.240	.139	.044	.229	.133	.043	
2.0	.260	.142	.044	.253	.140	.043	.242	.135	.042	.232	.130	.041	.222	.125	.040	
3.0	.243	.129	.039	.238	.127	.038	.228	.123	.038	.218	.120	.037	.210	.116	.036	
4.0	.227	.118	.035	.222	.116	.034	.213	.113	.034	.205	.110	.033	.197	.107	.033	
5.0	.212	.108	.031	.208	.107	.031	.200	.104	.031	.192	.102	.030	.186	.099	.030	
6.0	.198	.099	.028	.194	.098	.028	.187	.096	.028	.181	.094	.028	.175	.092	.027	
7.0	.186	.092	.026	.183	.091	.026	.176	.089	.026	.170	.087	.025	.165	.086	.025	
8.0	.175	.085	.024	.172	.085	.024	.166	.083	.024	.161	.082	.024	.156	.080	.023	
9.0	.165	.080	.022	.162	.079	.022	.157	.078	.022	.152	.076	.022	.148	.075	.022	
10.0	.156	.075	.021	.153	.074	.021	.149	.073	.021	.144	.072	.020	.140	.071	.020	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.178	.156	.137	.152	.134	.118	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.168	.132	.102	.144	.114	.088	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.159	.114	.078	.137	.098	.068	.094	.068	.047	.054	.040	.028	.017	.013	.009	
4.0	.151	.100	.062	.130	.087	.054	.089	.061	.038	.052	.035	.022	.017	.012	.007	
5.0	.144	.090	.050	.124	.078	.043	.085	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.137	.081	.041	.118	.070	.036	.081	.049	.025	.047	.029	.015	.015	.009	.005	
7.0	.131	.074	.035	.112	.064	.030	.078	.045	.022	.045	.027	.013	.015	.009	.004	
8.0	.124	.069	.030	.107	.059	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.119	.064	.026	.102	.055	.023	.071	.039	.016	.041	.023	.010	.013	.008	.003	
10.0	.113	.059	.023	.098	.051	.020	.068	.036	.014	.040	.021	.009	.013	.007	.003	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
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	15.2	16.6	15.5	16.8	17.0	15.4	16.8	15.7	17.0	17.2
3H	15.9	17.2	16.2	17.4	17.7	16.2	17.5	16.5	17.7	18.0
4H	16.2	17.5	16.6	17.7	18.0	16.7	17.9	17.0	18.1	18.4
6H	16.5	17.6	16.8	17.9	18.2	17.1	18.2	17.4	18.5	18.8
8H	16.6	17.7	16.9	18.0	18.2	17.2	18.3	17.5	18.6	18.8
12H	16.6	17.7	17.0	18.0	18.3	17.2	18.2	17.5	18.5	18.8
4H 2H	15.7	16.9	16.0	17.1	17.4	15.9	17.1	16.2	17.3	17.6
3H	16.6	17.7	17.0	18.0	18.3	16.9	18.0	17.3	18.3	18.6
4H	17.0	18.0	17.4	18.3	18.6	17.5	18.4	17.8	18.7	19.1
6H	17.4	18.3	17.8	18.6	19.0	18.0	18.9	18.4	19.2	19.6
8H	17.5	18.3	18.0	18.7	19.1	18.2	19.0	18.6	19.4	19.7
12H	17.6	18.4	18.1	18.8	19.2	18.2	18.9	18.6	19.3	19.7
8H 4H	17.3	18.1	17.7	18.5	18.9	17.7	18.5	18.1	18.9	19.3
6H	17.9	18.5	18.3	18.9	19.4	18.5	19.2	19.0	19.6	20.0
8H	18.1	18.7	18.6	19.1	19.6	18.7	19.3	19.2	19.7	20.2
12H	18.3	18.8	18.8	19.2	19.7	18.7	19.2	19.2	19.7	20.2
12H 4H	17.4	18.1	17.8	18.5	18.9	17.7	18.5	18.2	18.9	19.3
6H	18.0	18.6	18.5	19.0	19.4	18.6	19.2	19.0	19.6	20.0
8H	18.3	18.8	18.8	19.2	19.7	18.8	19.3	19.3	19.8	20.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.5					+ 0.3 / - 0.4				
1.5H	+ 0.3 / - 0.6					+ 0.2 / - 0.5				
2.0H	+ 1.0 / - 1.0					+ 0.7 / - 1.0				

CIE Pub.117, 3636 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.5)
Area: 0.36 m2

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

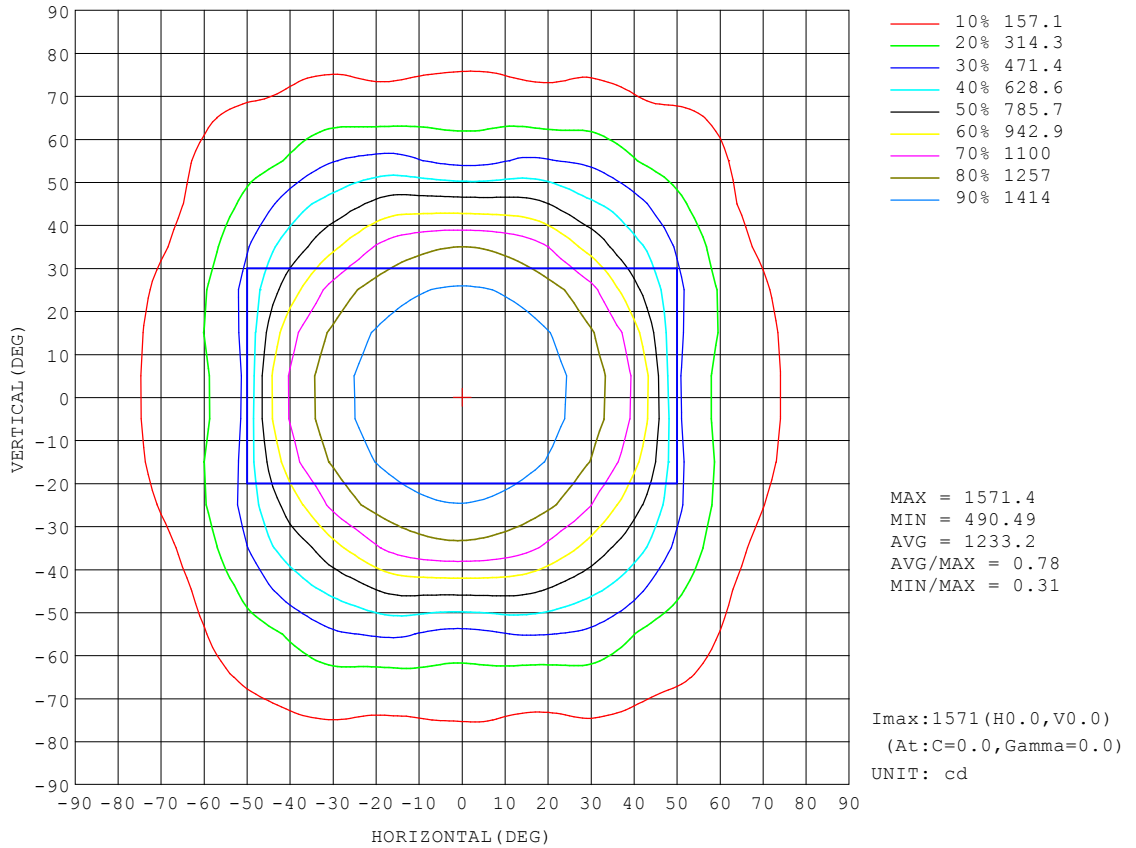
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	63	53	47	63	53	46	62	52	46	40
0.80	73	63	56	73	63	56	71	62	56	50
1.00	82	72	65	80	71	65	78	72	64	58
1.25	88	79	73	87	78	72	84	77	72	65
1.50	93	84	78	91	83	78	88	82	76	70
2.00	99	91	86	97	90	85	94	88	83	76
2.50	102	95	90	100	94	89	96	91	87	80
3.00	105	99	94	103	97	93	99	95	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	103	108	104	101	103	101	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

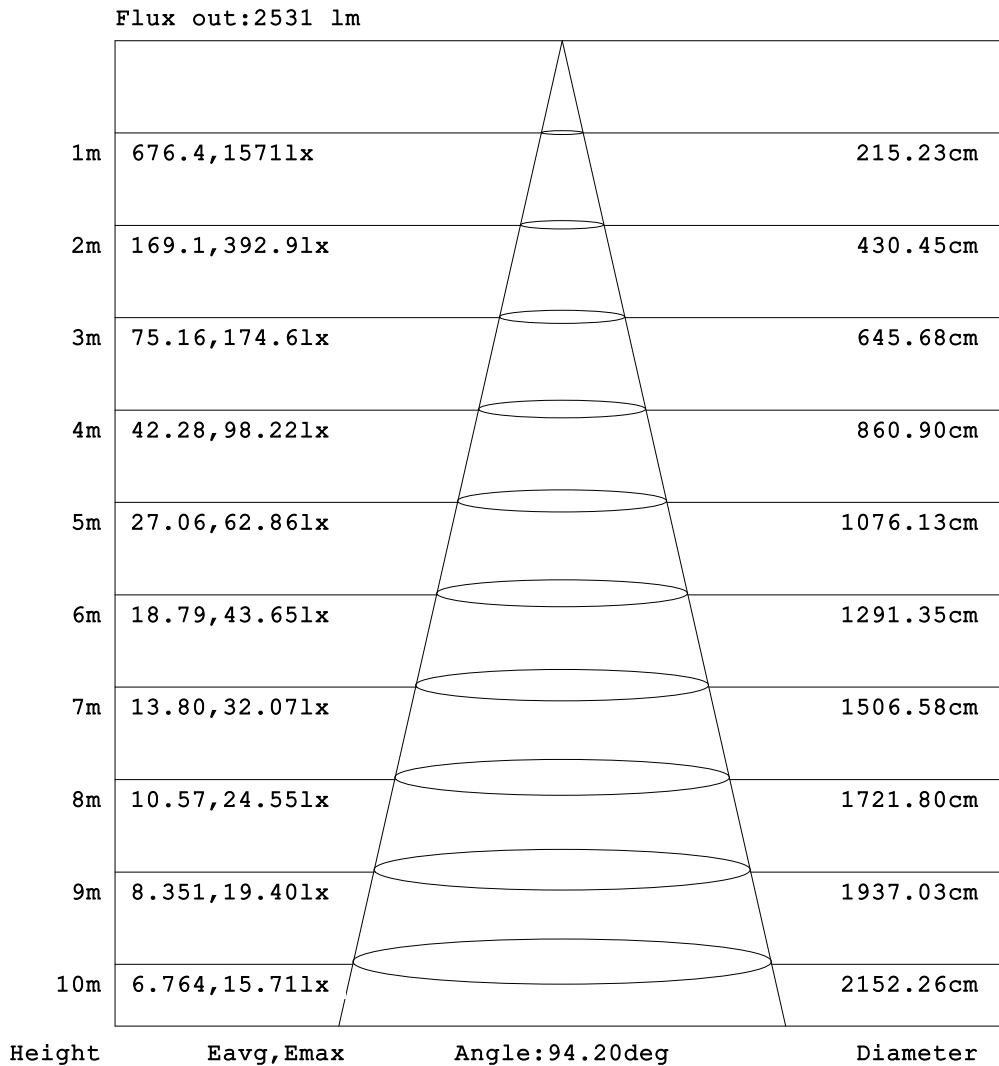


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:10.095m [K=1.0000]
 Remarks:

AAI Figure

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



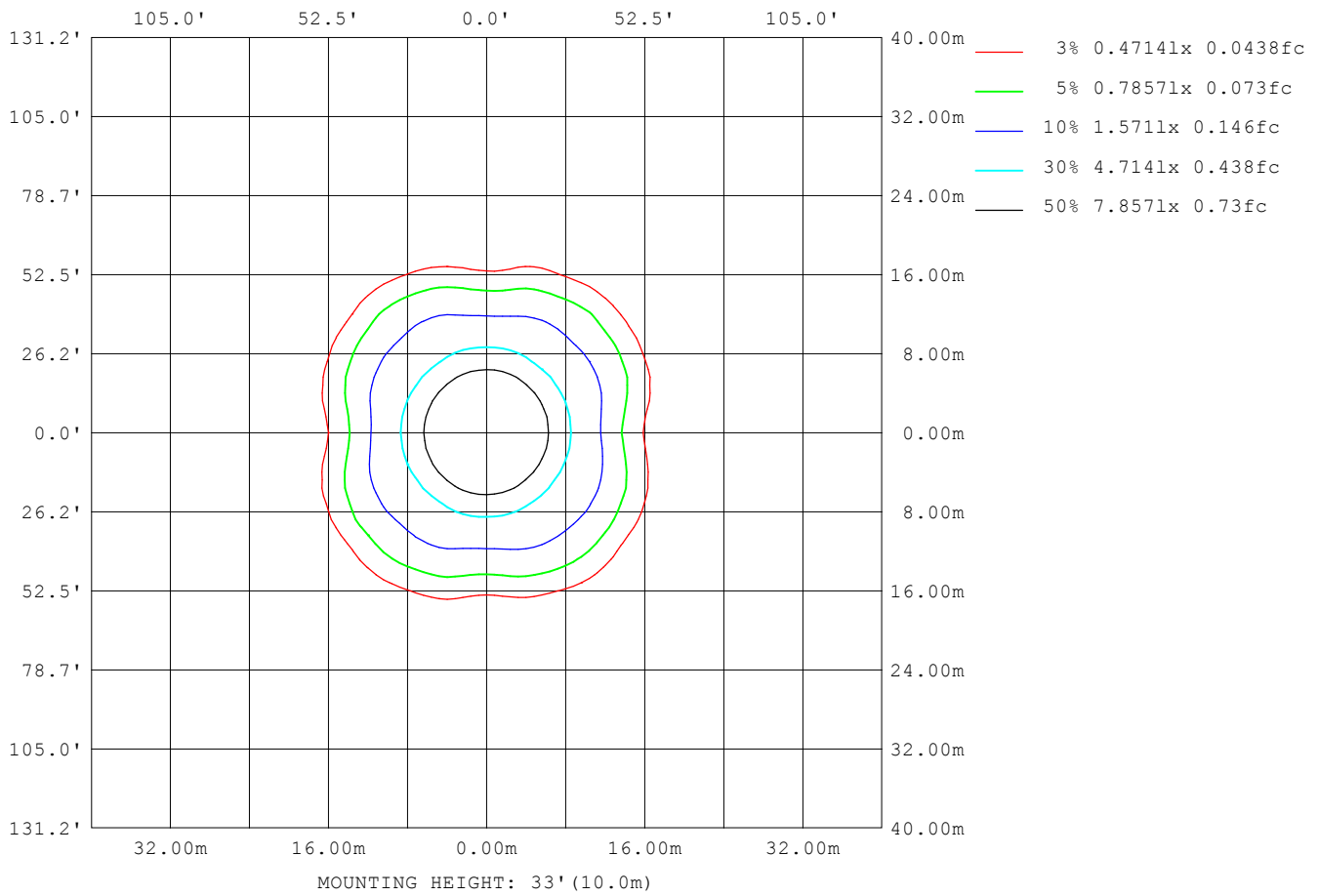
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

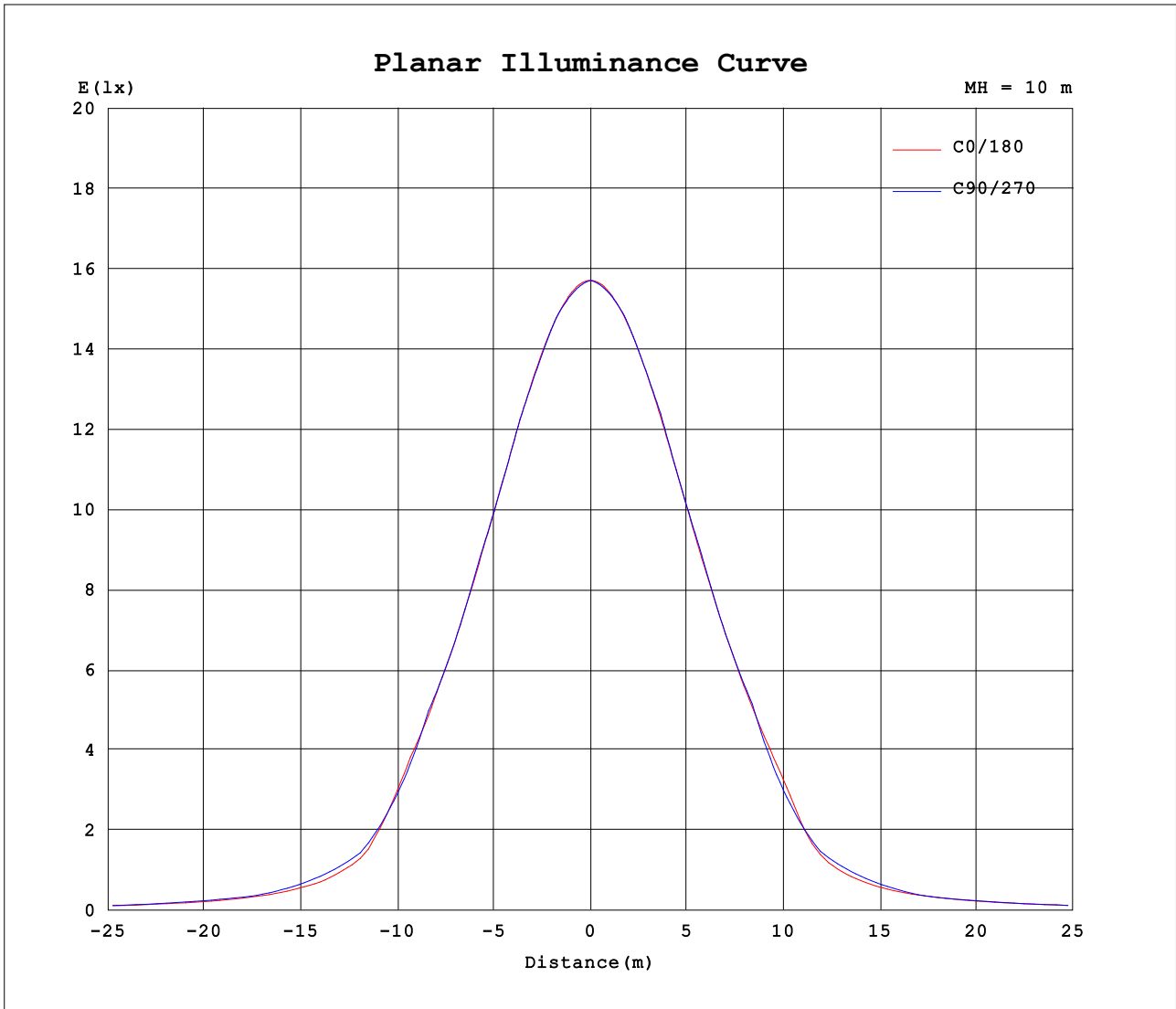
AvgL	cd/m2
L_0~180 (65) av	1656
L_0~180 (75) av	1597
L_0~180 (85) av	1439
L_90~270 (65) av	1732
L_90~270 (75) av	1782
L_90~270 (85) av	0
L_45 (65) av	1952
L_45 (75) av	1883
L_45 (85) av	1010

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571
5	1565	1564	1563	1562	1561	1561	1560	1560	1560	1559	1559	1559	1559	1559	1559	1559	1560	1560	1560
10	1546	1544	1543	1541	1540	1540	1540	1540	1540	1541	1542	1542	1544	1544	1545	1546	1547	1548	1548
15	1518	1515	1512	1511	1510	1510	1511	1512	1514	1513	1511	1510	1510	1510	1511	1511	1511	1512	1513
20	1475	1471	1468	1467	1468	1469	1471	1467	1465	1464	1464	1466	1467	1469	1471	1474	1475	1476	1477
25	1415	1409	1406	1406	1409	1408	1404	1403	1403	1406	1410	1409	1406	1405	1406	1407	1408	1409	1410
30	1332	1326	1324	1327	1325	1318	1318	1318	1322	1319	1317	1319	1322	1326	1329	1334	1338	1341	1343
35	1226	1219	1219	1223	1211	1205	1212	1201	1201	1202	1209	1219	1216	1214	1215	1217	1220	1223	1225
40	1082	1075	1081	1074	1066	1063	1052	1041	1050	1061	1054	1051	1058	1070	1079	1088	1097	1104	1108
45	850	851	872	875	876	871	869	859	871	875	870	870	884	895	890	872	850	833	825
50	490	527	580	636	681	708	717	721	724	720	716	716	715	708	684	647	598	561	542
55	355	375	409	456	494	529	554	585	589	586	586	584	569	548	525	500	466	436	422
60	281	296	318	343	377	394	410	412	418	438	445	443	426	403	382	366	344	315	301
65	245	245	246	252	262	282	293	290	286	289	292	305	307	290	274	269	269	267	263
70	213	201	181	169	175	197	215	215	198	204	220	238	238	210	184	177	193	219	224
75	143	138	115	110	118	135	152	163	165	172	179	179	176	156	142	141	151	164	163
80	87.4	73.0	81.6	85.0	88.2	89.6	94.8	105	115	117	119	118	116	111	111	115	111	110	101
85	40.0	34.5	36.9	39.1	38.9	40.1	42.2	41.4	40.1	34.4	27.7	21.1	15.4	10.5	6.84	3.96	1.69	0.42	0.00
90	1.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571
5	1560	1560	1560	1560	1560	1560	1560	1560	1560	1561	1561	1562	1562	1563	1563	1564	1565	1566	1565
10	1548	1548	1547	1547	1546	1546	1545	1544	1543	1543	1543	1543	1543	1544	1545	1546	1548	1550	1548
15	1513	1513	1513	1513	1514	1514	1515	1516	1517	1519	1517	1516	1515	1515	1516	1518	1520	1523	1521
20	1477	1477	1477	1476	1475	1474	1472	1472	1472	1473	1475	1478	1477	1476	1476	1477	1479	1484	1481
25	1411	1412	1412	1412	1413	1416	1419	1422	1419	1416	1415	1416	1420	1422	1419	1419	1422	1428	1423
30	1344	1343	1341	1339	1336	1335	1334	1335	1337	1343	1340	1337	1338	1343	1344	1343	1346	1353	1347
35	1227	1227	1227	1227	1228	1233	1240	1234	1229	1229	1234	1241	1238	1239	1248	1245	1248	1257	1249
40	1109	1106	1102	1094	1085	1076	1069	1074	1094	1089	1078	1087	1113	1107	1112	1118	1118	1129	1121
45	829	846	873	899	909	894	870	871	886	885	864	882	904	901	904	907	903	926	910
50	547	578	634	686	714	721	714	708	706	722	722	716	715	701	660	597	551	527	539
55	430	460	501	533	555	577	601	598	594	603	614	588	554	518	477	423	387	371	385
60	317	355	387	402	415	434	456	463	459	445	447	441	417	408	370	341	306	292	310
65	266	278	286	291	300	312	311	309	307	305	306	302	291	276	268	269	262	259	268
70	215	198	187	191	214	242	248	233	217	212	221	212	188	176	171	187	212	228	219
75	160	154	148	148	160	180	187	188	180	171	162	152	135	114	105	113	143	155	153
80	106	113	120	121	116	119	122	124	122	118	107	94.8	86.6	83.7	81.4	77.1	71.6	95.8	95.6
85	0.40	1.72	4.16	7.51	11.0	15.7	21.7	28.9	36.0	43.3	47.8	49.8	45.5	45.9	49.0	48.0	42.1	50.3	53.5
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.07	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571
5	1564	1564	1563	1563	1563	1563	1562	1562	1562	1562	1562	1562	1562	1562	1562	1562	1562	1562	1562
10	1547	1546	1545	1545	1545	1546	1546	1547	1548	1549	1550	1551	1551	1552	1552	1553	1553	1552	1552
15	1519	1519	1519	1519	1520	1522	1524	1523	1522	1522	1522	1522	1522	1523	1523	1523	1523	1523	1522
20	1479	1479	1480	1483	1485	1483	1482	1482	1482	1484	1486	1488	1490	1491	1493	1493	1493	1492	1491
25	1422	1423	1427	1426	1424	1424	1426	1430	1435	1434	1430	1429	1428	1428	1429	1429	1430	1429	1428
30	1345	1348	1349	1345	1346	1350	1354	1349	1348	1348	1350	1353	1356	1359	1362	1364	1366	1365	1363
35	1248	1252	1246	1246	1250	1245	1242	1243	1248	1255	1251	1250	1249	1251	1253	1255	1257	1256	1254
40	1123	1119	1117	1125	1104	1099	1106	1110	1095	1095	1107	1118	1125	1133	1140	1145	1147	1146	1140
45	922	917	922	922	899	895	914	906	894	903	933	948	936	907	881	862	852	854	869
50	573	643	695	719	722	732	741	726	732	753	762	757	728	669	614	576	556	560	590
55	421	476	513	547	576	607	613	616	625	634	615	588	564	520	476	442	424	429	460
60	340	365	395	409	435	442	452	476	480	471	450	430	412	383	348	311	293	303	345
65	275	269	275	291	306	312	305	302	303	310	312	303	291	282	275	266	264	268	279
70	198	184	192	214	229	225	202	207	228	248	242	213	186	184	202	221	236	234	211
75	139	131	142	166	177	175	173	179	189	190	181	159	141	144	156	164	169	169	158
80	101	107	114	115	117	121	119	116	119	120	120	116	113	115	113	107	102	105	108
85	58.2	61.2	58.2	56.1	57.6	49.7	39.5	31.2	26.6	20.6	15.9	11.1	7.01	3.95	1.72	0.41	0.00	0.40	1.64
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1660A P:36.100W PF:0.9840 Freq:50.00Hz Lamp Flux:3636.4x1 lm		
NAME: 30120	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 1
MFR.:	SUR.:	Shielding Angle:

Table--4

UNIT: cd

C (DEG) \ γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571	1571				
5	1562	1562	1562	1562	1561	1561	1561	1561	1562	1562	1562	1562	1563	1563	1564				
10	1551	1550	1550	1548	1547	1546	1545	1544	1544	1543	1543	1543	1543	1544	1545				
15	1521	1520	1520	1519	1519	1519	1521	1521	1519	1517	1515	1514	1514	1514	1516				
20	1489	1486	1484	1481	1479	1478	1477	1477	1478	1480	1477	1474	1472	1471	1472				
25	1427	1426	1425	1426	1428	1429	1424	1419	1418	1417	1420	1420	1414	1411	1412				
30	1359	1355	1351	1347	1345	1342	1343	1344	1339	1336	1335	1339	1337	1331	1329				
35	1250	1248	1246	1248	1252	1242	1235	1232	1230	1239	1230	1230	1236	1228	1223				
40	1131	1121	1110	1095	1081	1081	1098	1094	1080	1083	1095	1090	1091	1093	1081				
45	894	918	928	913	873	858	878	887	860	863	873	871	867	875	847				
50	641	689	718	723	709	692	684	704	698	691	681	656	609	556	516				
55	502	531	550	575	598	595	586	586	583	559	543	505	460	409	374				
60	384	399	406	423	446	458	458	443	434	423	407	396	359	332	298				
65	285	285	287	296	292	285	289	299	305	302	290	276	271	272	259				
70	186	181	202	232	231	212	193	191	219	227	210	189	181	196	211				
75	144	139	153	173	175	176	172	169	173	174	161	134	122	130	143				
80	113	115	114	114	111	108	104	112	116	115	111	106	97.8	94.4	93.2				
85	3.88	7.11	11.0	15.0	19.5	22.7	25.2	32.5	42.4	46.4	44.1	45.6	46.9	44.4	40.6				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:10.095m [K=1.0000]
Remarks: