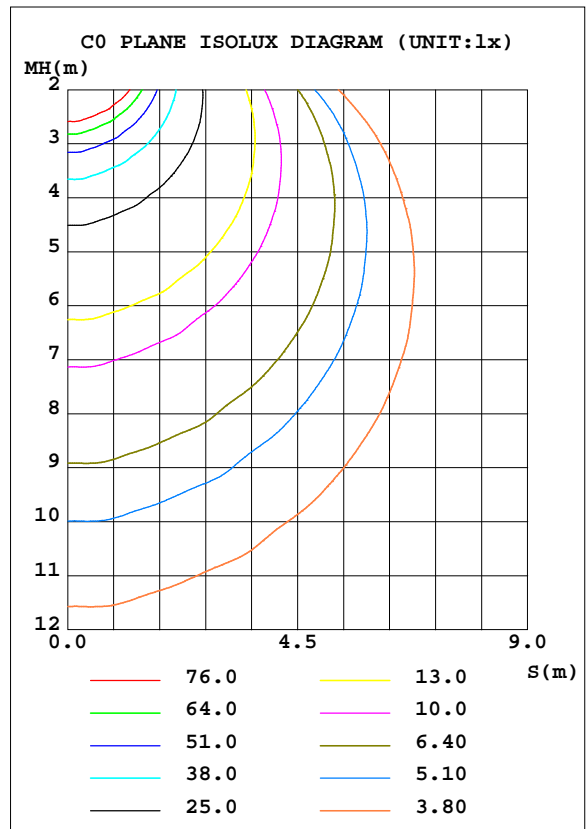
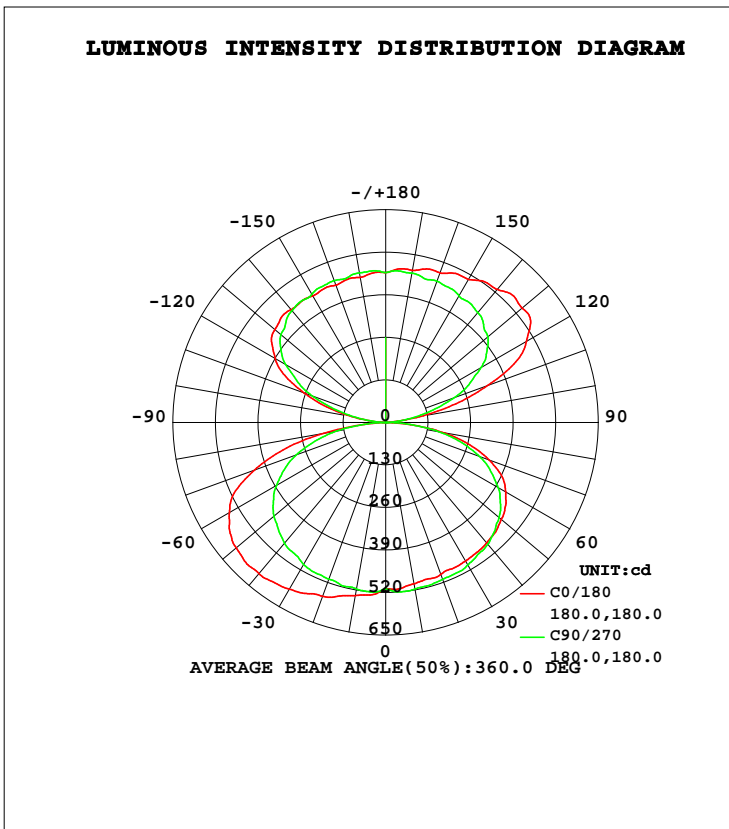


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.67 lm/W			
MODEL	DP4-DM-35E	Imax(cd)	605.8	S/MH(C0/180)	1.76
NOMINAL POWER(W)	40	LOR(%)	73.9	S/MH(C90/270)	1.47
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4285.1	η UP, DN(C0-180)	16.9,20.1
NOMINAL FLUX(lm)	5797.39	CIE CLASS	DIFFUSE	η UP, DN(C180-360)	17.1,19.9
LAMPS INSIDE	1	η up(%)	34.0	CIBSE SHR NOM	1.75
TEST VOLTAGE(V)	120.0	η down(%)	39.9	CIBSE SHR MAX	1.75



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Leo
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R3000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

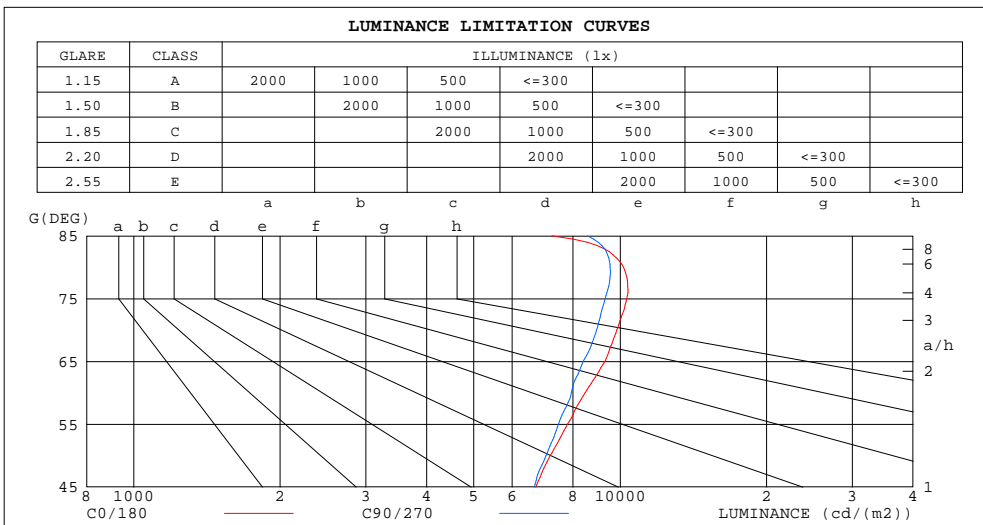
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	500.9	507.2	517.1	532.6	537.1	532.5	516.7	505.9	0- 10	49.55	49.55	1.16,0.85
20	493.9	500.4	509.8	549.4	565.5	549.0	509.6	499.3	10- 20	147.7	197.2	4.6,3.4
30	488.8	489.7	502.7	557.3	588.5	556.1	502.1	485.9	20- 30	241.8	439.0	10.2,7.57
40	480.6	475.0	485.8	555.5	602.9	553.7	481.6	472.3	30- 40	325.6	764.6	17.8,13.2
50	461.7	453.4	452.5	534.4	596.1	531.7	445.8	445.9	40- 50	389.7	1154	26.9,19.9
60	423.8	407.1	397.0	477.8	551.9	474.1	385.8	399.7	50- 60	419.7	1574	36.7,27.2
70	336.7	322.3	305.9	365.6	427.5	355.3	291.6	314.6	60- 70	392.9	1967	45.9,33.9
80	176.5	169.5	165.6	166.0	193.3	158.8	151.2	162.6	70- 80	275.0	2242	52.3,38.7
90	0.0012	0.3695	1.372	1.653	1.999	0.6668	0.5428	0	80- 90	73.59	2316	54,39.9
100	105.7	80.98	83.01	89.21	104.3	96.39	92.73	87.34	90-100	33.29	2349	54.8,40.5
110	332.0	259.8	223.7	239.3	265.5	251.7	239.8	263.2	100-110	187.0	2536	59.2,43.7
120	497.0	400.7	337.4	357.7	389.8	367.8	352.4	406.6	110-120	327.8	2864	66.8,49.4
130	544.4	468.4	407.7	417.4	442.1	425.5	418.0	474.8	120-130	380.0	3244	75.7,56
140	531.0	486.8	438.6	437.8	450.4	443.7	446.2	492.9	130-140	355.9	3600	84,62.1
150	505.3	486.9	447.8	445.3	446.7	449.6	452.3	491.4	140-150	293.4	3893	90.8,67.2
160	486.5	480.8	459.6	451.6	447.0	454.0	461.6	483.6	150-160	216.0	4109	95.9,70.9
170	471.9	469.1	463.4	455.0	450.6	456.2	464.4	470.5	160-170	131.8	4241	99,73.2
180	458.1	458.3	458.1	458.3	458.1	458.1	458.3	458.3	170-180	44.28	4285	100,73.9
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Leo
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R3000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7238	8569
80	10163	9536
75	10320	9317
70	9843	8945
65	9304	8396
60	8476	7940
55	7797	7468
50	7183	7040
45	6706	6656

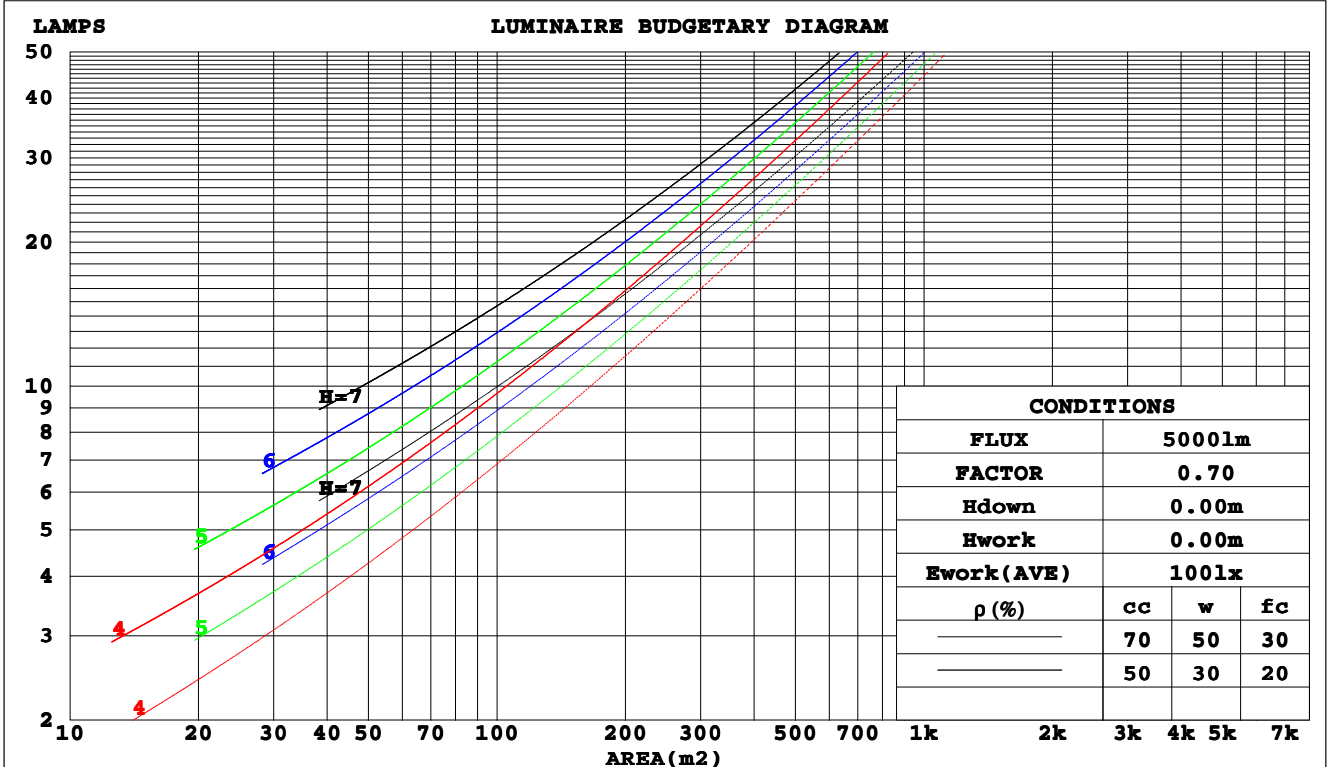
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Leo
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R3000_V2 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	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						Coefficients of Utilization(CU)									
0.0	.80	.80	.80	.74	.74	.74	.63	.63	.63	.53	.53	.53	.44	.44	.44	.40
1.0	.68	.65	.62	.63	.61	.58	.54	.52	.50	.46	.44	.43	.38	.37	.36	.32
2.0	.59	.54	.49	.54	.50	.46	.46	.43	.40	.39	.36	.34	.32	.30	.29	.25
3.0	.51	.45	.40	.47	.42	.38	.40	.36	.33	.34	.31	.28	.28	.25	.23	.20
4.0	.45	.38	.33	.41	.36	.31	.35	.31	.27	.30	.26	.23	.24	.22	.19	.17
5.0	.39	.33	.28	.37	.31	.26	.31	.27	.23	.26	.23	.20	.21	.19	.16	.14
6.0	.35	.29	.24	.33	.27	.23	.28	.23	.20	.23	.20	.17	.19	.16	.14	.12
7.0	.31	.25	.21	.29	.24	.20	.25	.20	.17	.21	.17	.15	.17	.15	.12	.10
8.0	.28	.22	.18	.26	.21	.17	.23	.18	.15	.19	.16	.13	.16	.13	.11	.09
9.0	.26	.20	.16	.24	.19	.15	.21	.16	.13	.18	.14	.11	.15	.12	.10	.08
10.0	.24	.18	.14	.22	.17	.13	.19	.15	.12	.16	.13	.10	.13	.11	.09	.07



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: Leo
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R3000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	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	.233	.133	.042	.218	.124	.039	.189	.108	.035	.162	.093	.030	.137	.080	.026	
2.0	.215	.118	.036	.201	.111	.034	.174	.097	.030	.150	.084	.026	.127	.072	.023	
3.0	.196	.105	.031	.184	.098	.030	.159	.086	.026	.137	.075	.023	.116	.064	.020	
4.0	.180	.093	.027	.168	.088	.026	.146	.077	.023	.125	.067	.020	.106	.058	.018	
5.0	.165	.084	.024	.155	.079	.023	.134	.070	.021	.115	.061	.018	.097	.052	.016	
6.0	.153	.077	.022	.143	.072	.021	.124	.063	.018	.106	.055	.016	.090	.047	.014	
7.0	.142	.070	.020	.132	.066	.019	.115	.058	.017	.098	.050	.015	.083	.043	.013	
8.0	.132	.064	.018	.123	.061	.017	.107	.053	.015	.092	.046	.013	.077	.040	.012	
9.0	.123	.060	.017	.115	.056	.016	.100	.050	.014	.086	.043	.012	.072	.037	.011	
10.0	.116	.055	.015	.108	.052	.015	.094	.046	.013	.081	.040	.011	.068	.034	.010	

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	.400	.400	.400	.342	.342	.342	.233	.233	.233	.134	.134	.134	.043	.043	.043	
1.0	.395	.376	.360	.338	.323	.310	.231	.222	.214	.133	.129	.125	.043	.041	.040	
2.0	.390	.360	.335	.334	.310	.290	.229	.215	.202	.132	.125	.118	.042	.040	.039	
3.0	.385	.349	.319	.330	.301	.277	.227	.209	.194	.131	.122	.115	.042	.040	.038	
4.0	.380	.340	.309	.326	.294	.268	.224	.205	.189	.130	.120	.112	.042	.039	.037	
5.0	.375	.333	.302	.322	.288	.263	.222	.201	.185	.129	.118	.110	.041	.039	.036	
6.0	.370	.327	.297	.318	.284	.258	.220	.199	.183	.127	.117	.109	.041	.038	.036	
7.0	.366	.323	.293	.315	.280	.255	.217	.196	.181	.126	.116	.108	.041	.038	.036	
8.0	.361	.319	.290	.311	.277	.253	.215	.194	.179	.125	.115	.107	.041	.038	.035	
9.0	.357	.316	.288	.308	.274	.251	.213	.193	.178	.124	.114	.106	.040	.037	.035	
10.0	.353	.313	.286	.304	.272	.250	.211	.191	.177	.123	.113	.106	.040	.037	.035	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Leo
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R3000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	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	11.4	12.4	12.2	13.2	14.3	10.9	12.0	11.8	12.8	13.9
3H	13.7	14.7	14.6	15.5	16.6	13.1	14.1	14.0	14.9	16.0
4H	14.7	15.6	15.6	16.5	17.6	14.1	15.0	15.0	15.9	17.0
6H	15.5	16.3	16.4	17.2	18.4	14.9	15.7	15.8	16.6	17.8
8H	15.8	16.6	16.7	17.4	18.6	15.2	16.0	16.1	16.9	18.0
12H	15.9	16.6	16.8	17.5	18.7	15.4	16.1	16.3	17.0	18.2
4H 2H	12.1	12.9	12.9	13.8	14.9	11.7	12.6	12.6	13.5	14.6
3H	14.5	15.3	15.4	16.2	17.4	14.1	14.8	15.0	15.7	16.9
4H	15.7	16.4	16.6	17.3	18.5	15.1	15.8	16.1	16.7	17.9
6H	16.6	17.2	17.5	18.1	19.3	16.1	16.7	17.0	17.6	18.8
8H	16.9	17.4	17.8	18.4	19.6	16.4	16.9	17.3	17.9	19.1
12H	17.0	17.5	18.0	18.5	19.7	16.6	17.1	17.5	18.1	19.3
8H 4H	16.0	16.5	16.9	17.5	18.7	15.5	16.1	16.5	17.0	18.2
6H	17.1	17.5	18.0	18.5	19.7	16.6	17.1	17.6	18.0	19.3
8H	17.4	17.8	18.4	18.8	20.1	17.0	17.4	18.0	18.4	19.7
12H	17.7	18.0	18.7	19.0	20.3	17.3	17.7	18.3	18.7	19.9
12H 4H	16.0	16.5	16.9	17.4	18.7	15.5	16.0	16.5	17.0	18.2
6H	17.1	17.5	18.1	18.5	19.8	16.7	17.1	17.7	18.1	19.3
8H	17.5	17.9	18.5	18.9	20.2	17.1	17.5	18.1	18.5	19.8
Variations with the observer position at spacings:										
s = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117, 5797 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.1)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Leo
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R3000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	SUR.:	Shielding Angle:

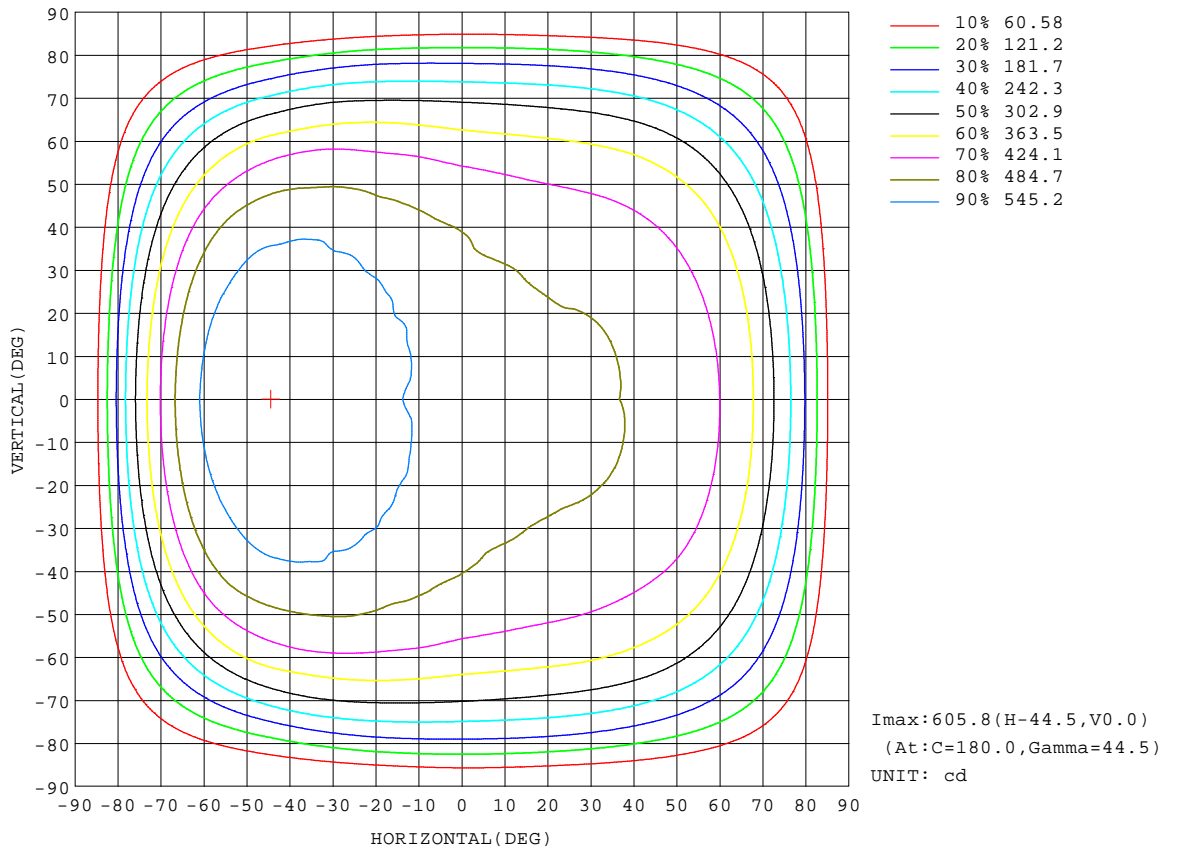
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	31	22	17	29	21	16	26	19	15	9
0.80	37	28	23	35	27	22	31	24	20	13
1.00	43	34	28	41	32	27	36	30	25	16
1.25	49	40	34	45	38	32	40	33	29	19
1.50	53	44	38	49	42	36	42	37	32	21
2.00	58	51	45	54	48	43	47	42	38	25
2.50	62	55	50	57	52	47	49	45	41	27
3.00	65	59	54	60	55	50	52	48	44	29
4.00	68	63	59	63	59	55	54	51	48	31
5.00	70	66	62	65	62	58	56	53	51	33
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Leo
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R3000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	SUR.:	Shielding Angle:

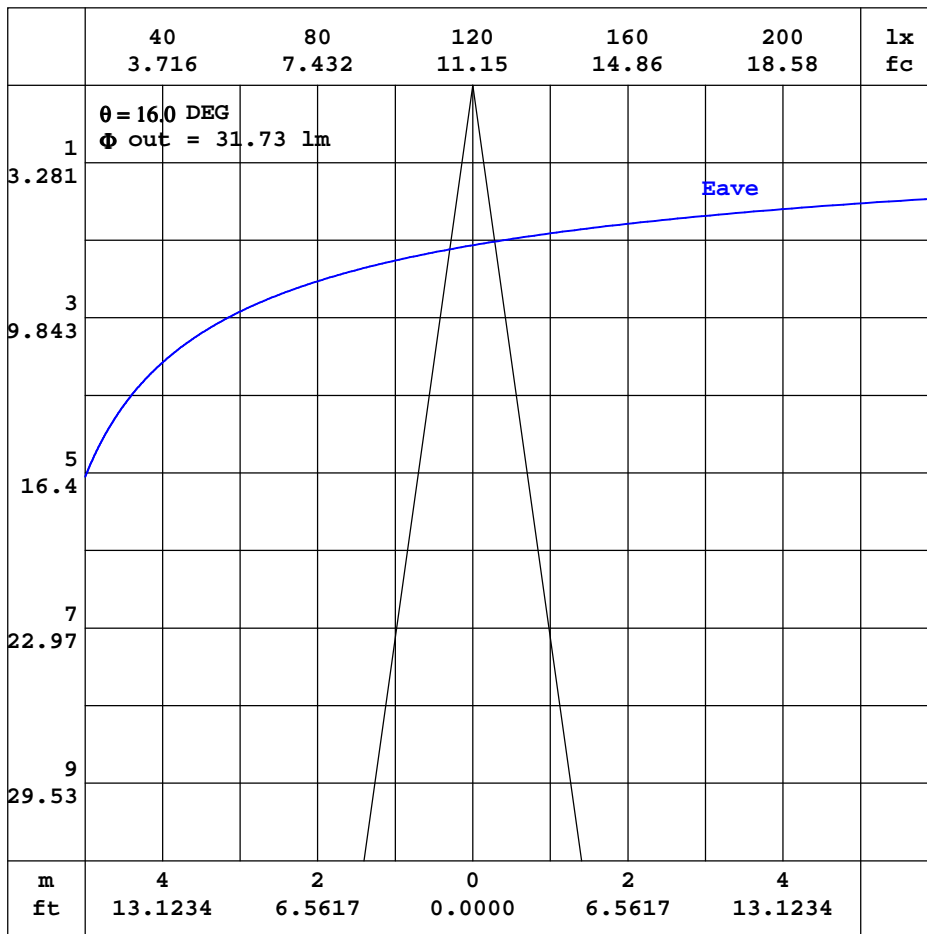


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Leo
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R3000_V2 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

AAI CURVES

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	SUR.:	Shielding Angle:



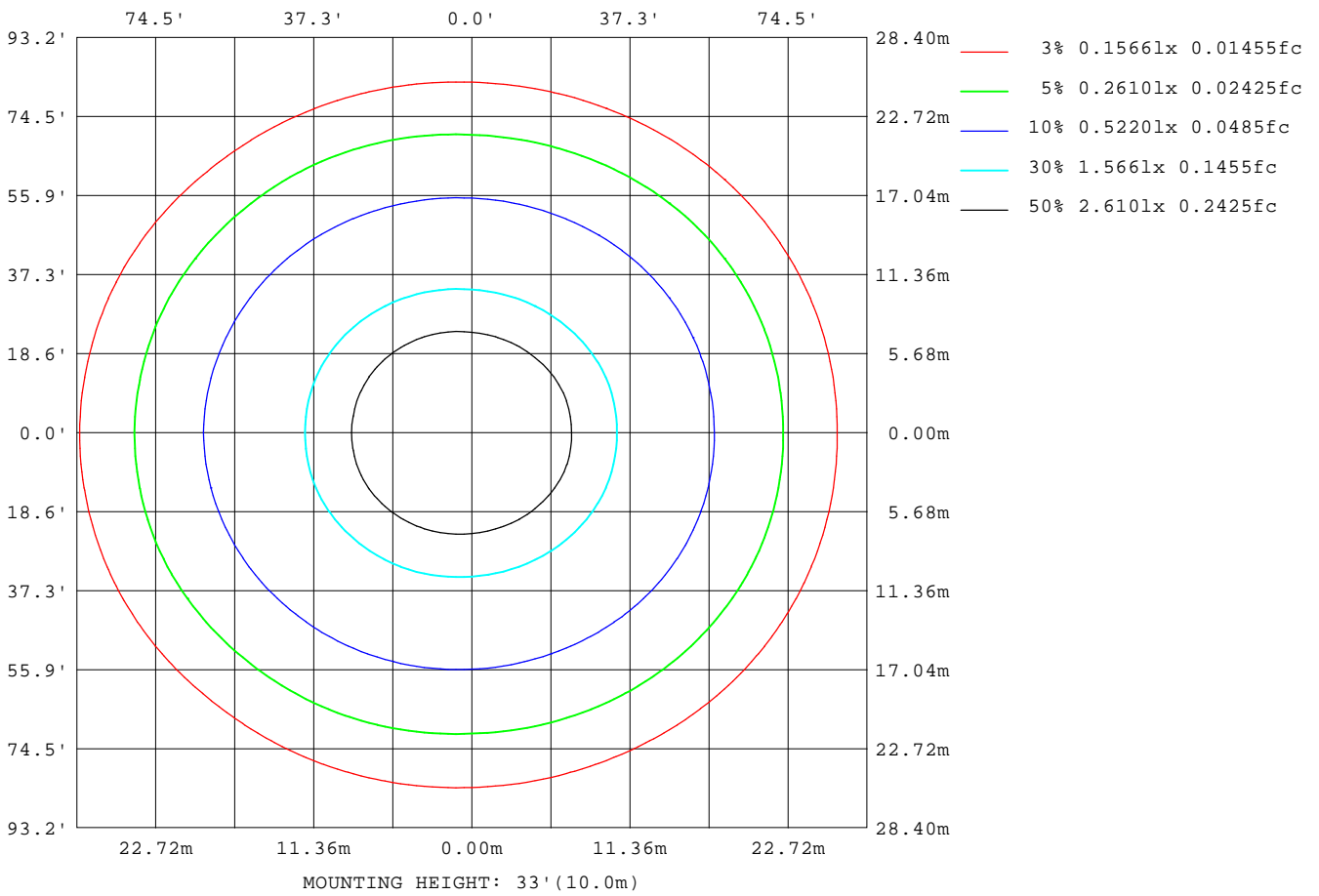
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: Leo
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R3000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Leo
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R3000_V2 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	SUR.:	Shielding Angle:

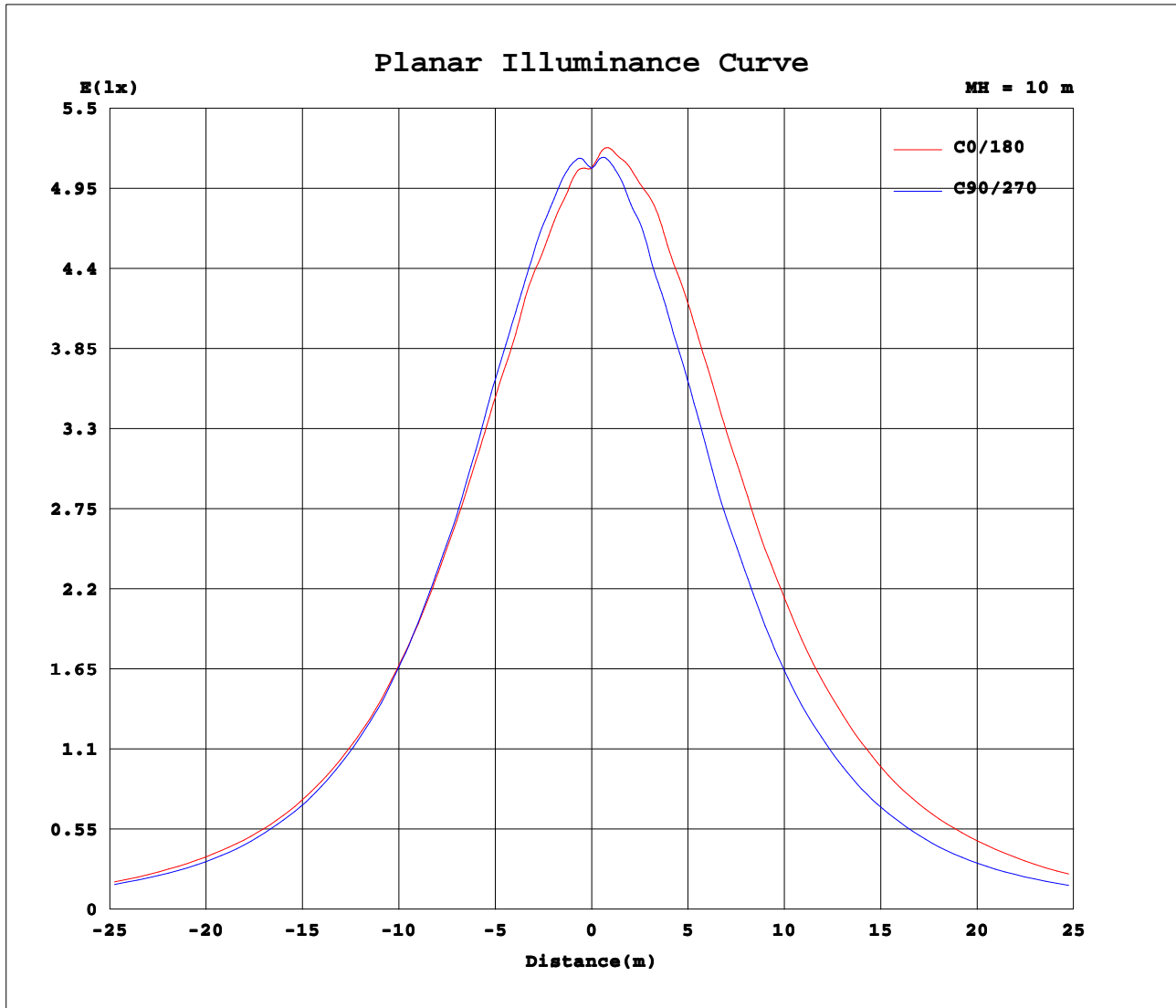
AvgL	cd/m2
L_0~180(65)av	10697
L_0~180(75)av	11440
L_0~180(85)av	6620
L_90~270(65)av	8250
L_90~270(75)av	9000
L_90~270(85)av	7593
L_45(65)av	9460
L_45(75)av	10154
L_45(85)av	6722

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:Leo
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R3000_V2 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: Leo
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R3000_V2 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	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	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509
5	510	511	511	512	512	513	513	513	513	514	514	514	514	515	516	517	518	519	520
10	501	503	504	506	507	507	507	507	507	507	507	507	508	508	509	511	513	515	517
15	495	497	499	500	501	502	503	504	504	505	505	505	505	506	507	509	511	513	516
20	494	494	494	494	495	496	497	498	499	500	501	501	502	503	503	504	506	507	510
25	491	492	493	494	495	495	495	495	495	495	495	495	496	497	499	500	503	505	508
30	489	489	489	489	489	489	489	489	489	490	490	490	490	491	492	494	496	499	503
35	485	487	488	489	490	489	488	486	485	483	483	483	483	483	484	485	486	489	492
40	481	482	482	482	482	481	480	478	477	475	474	473	473	473	474	476	478	482	486
45	474	474	474	474	473	472	470	468	466	465	463	461	460	459	459	461	463	466	471
50	462	463	464	464	464	463	461	459	456	453	450	447	444	441	441	442	445	448	453
55	447	448	448	447	446	445	442	439	436	433	430	427	424	422	421	421	422	425	428
60	424	425	425	424	423	421	418	415	411	407	403	399	395	392	390	390	391	393	397
65	393	393	393	392	390	388	385	381	377	373	369	364	361	357	355	353	352	353	355
70	337	338	338	338	337	335	332	329	326	322	318	314	310	306	304	303	303	304	306
75	267	267	267	267	266	265	263	261	258	256	253	250	247	245	243	241	240	240	241
80	176	177	176	176	175	175	173	172	171	170	169	168	168	167	167	166	166	166	166
85	63.1	64.1	65.0	65.8	66.6	67.3	67.9	68.5	69.0	69.4	69.8	70.1	70.4	70.8	71.6	72.7	73.7	74.4	74.7
90	0.00	0.12	0.21	0.29	0.35	0.38	0.38	0.37	0.37	0.37	0.41	0.46	0.53	0.62	0.75	0.92	1.09	1.24	1.37
95	17.3	17.2	17.1	17.0	16.9	16.9	16.9	16.8	16.9	16.9	16.9	16.9	17.1	17.4	18.0	19.0	20.1	21.1	22.0
100	106	103	100	97.7	95.0	92.0	88.8	85.8	83.1	81.0	80.5	80.5	80.9	81.5	82.0	82.2	82.5	82.7	83.0
105	222	219	215	211	206	200	193	186	179	172	169	166	164	162	159	157	154	152	150
110	332	330	326	321	315	306	294	282	271	260	253	247	242	238	234	231	228	226	224
115	439	434	427	419	409	397	383	368	354	340	331	323	316	310	303	297	292	288	285
120	497	490	481	472	462	451	439	426	413	401	390	379	370	361	354	348	344	340	337
125	541	535	528	519	509	497	483	468	454	441	431	422	414	407	400	393	387	382	377
130	544	543	539	534	527	518	506	494	481	468	457	447	437	429	422	417	413	410	408
135	550	545	540	534	527	518	508	498	488	478	471	464	458	453	446	440	433	428	423
140	531	530	527	524	520	515	508	502	494	487	480	473	467	461	455	450	446	442	439
145	526	524	521	518	514	509	503	497	491	485	479	475	470	466	461	457	453	450	447
150	505	507	507	507	506	503	500	496	492	487	483	479	475	471	466	461	456	452	448
155	503	501	500	498	496	494	492	490	487	484	481	477	474	470	467	464	461	458	456
160	487	487	488	488	487	487	486	484	483	481	479	476	474	472	469	467	464	462	460
165	486	485	483	482	482	481	480	480	479	479	477	475	473	471	468	465	461	459	456
170	472	475	477	478	478	478	476	474	471	469	468	467	467	466	466	465	465	464	463
175	471	471	472	471	471	471	471	471	471	470	470	469	469	468	468	467	466	465	465
180	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Leo
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R3000_V2 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	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	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509
5	520	521	522	522	523	524	525	526	527	528	529	529	530	530	530	529	529	529	529
10	519	520	521	523	525	527	529	531	533	535	537	539	540	541	540	539	538	537	538
15	518	521	524	527	530	533	536	539	542	544	547	549	551	552	551	551	550	549	550
20	514	519	524	529	533	538	542	546	549	552	555	557	559	561	563	564	565	565	565
25	513	518	523	528	533	538	543	548	553	558	563	568	572	575	576	577	577	577	577
30	508	513	519	526	532	539	545	551	557	563	569	574	579	583	585	587	588	588	588
35	498	505	513	521	529	537	544	551	559	567	575	583	589	593	596	597	597	597	597
40	492	498	506	513	521	530	538	547	556	565	573	582	589	595	599	601	603	603	602
45	477	484	491	500	509	518	527	536	546	556	567	576	585	593	598	602	605	605	604
50	458	465	472	480	490	500	511	523	534	547	558	569	579	586	591	594	596	596	595
55	434	442	450	459	469	480	491	502	514	526	537	548	558	567	573	578	581	582	580
60	402	409	416	425	434	444	455	466	478	490	502	514	524	533	541	546	550	552	550
65	360	366	373	382	391	401	411	423	434	447	460	472	484	493	501	506	510	511	508
70	309	314	319	325	332	340	348	356	366	376	387	397	407	415	420	424	427	427	426
75	243	246	250	254	259	264	269	274	280	286	293	299	305	310	316	320	323	325	323
80	166	167	167	168	168	167	166	166	166	168	172	175	179	183	186	189	192	193	192
85	73.6	72.0	70.1	67.9	65.4	62.9	60.4	58.1	56.0	54.9	54.2	53.8	53.5	53.2	53.0	52.8	52.6	52.3	51.8
90	1.37	1.34	1.31	1.27	1.28	1.35	1.43	1.53	1.65	1.82	1.98	2.13	2.25	2.30	2.26	2.20	2.11	2.00	1.93
95	22.3	22.5	22.6	22.6	22.8	23.2	23.5	23.7	23.8	23.5	23.0	22.5	22.0	21.7	21.6	21.6	21.7	21.8	22.0
100	83.2	83.5	83.8	84.3	84.9	85.8	86.7	87.9	89.2	90.9	92.7	94.6	96.5	98.5	100	102	103	104	104
105	151	152	153	155	157	159	162	164	167	170	173	177	180	182	184	186	187	188	188
110	222	222	222	222	224	227	231	235	239	244	249	253	257	260	262	264	265	265	266
115	284	284	286	288	291	295	298	303	307	312	318	323	328	332	335	338	339	341	341
120	335	333	332	332	335	340	345	351	358	363	368	372	377	380	384	387	389	390	390
125	376	375	375	377	379	381	385	388	393	398	403	408	413	417	420	423	425	426	426
130	404	401	399	398	399	403	407	412	417	422	426	430	434	437	439	440	441	442	443
135	422	421	421	422	423	424	425	427	429	432	436	440	443	446	448	450	452	452	452
140	436	434	433	432	432	433	434	436	438	439	440	442	443	445	446	448	449	450	450
145	445	443	441	440	439	439	439	439	440	441	443	445	447	449	450	450	451	451	452
150	446	445	445	445	445	445	445	445	445	446	447	448	449	449	449	448	447	447	448
155	453	452	450	449	448	447	446	446	446	446	446	446	446	447	448	449	450	451	451
160	457	455	453	452	451	451	451	451	452	451	451	451	451	450	450	449	448	447	448
165	455	455	455	455	455	455	455	454	454	453	453	452	452	452	452	452	453	453	453
170	462	460	458	456	455	454	454	455	455	455	456	456	456	456	454	453	451	451	452
175	464	464	463	463	462	462	462	462	462	462	461	461	460	460	460	459	459	459	459
180	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Leo
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R3000_V2 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	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	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509
5	529	530	530	530	529	529	528	527	526	525	524	523	523	522	521	521	520	519	518
10	539	540	541	540	539	537	535	533	530	528	526	524	522	521	519	518	517	515	513
15	551	551	551	551	549	547	544	541	538	536	533	530	527	524	521	519	516	514	512
20	564	562	560	558	556	554	552	549	545	540	535	530	526	521	517	513	510	507	505
25	576	575	573	570	566	561	556	550	545	541	536	532	527	522	517	512	508	504	501
30	586	583	580	577	572	567	562	556	549	542	535	528	522	516	511	506	502	498	494
35	597	595	593	588	581	573	565	556	548	540	532	524	516	508	501	494	488	485	482
40	600	596	592	586	579	571	563	554	544	535	526	517	508	500	493	487	482	477	474
45	601	596	590	582	574	564	554	544	533	523	513	504	494	485	477	470	464	460	457
50	593	589	584	576	567	556	544	532	519	507	495	484	474	465	458	451	446	441	438
55	577	572	565	556	545	533	521	508	496	484	472	461	451	441	432	425	419	416	413
60	546	540	532	523	512	500	487	474	461	448	436	425	414	405	397	391	386	383	381
65	503	497	488	478	466	453	440	427	414	402	391	381	371	362	354	348	343	340	339
70	422	417	410	401	391	379	367	355	345	335	326	318	311	304	299	295	292	290	290
75	320	315	308	301	293	285	276	268	261	255	249	243	238	234	230	227	225	225	225
80	190	186	183	178	173	168	163	159	158	157	157	158	157	155	154	152	151	151	152
85	51.2	50.6	50.0	49.3	48.5	47.8	47.4	47.3	48.2	49.5	50.9	52.4	53.8	55.0	56.1	57.0	57.7	57.6	57.5
90	1.85	1.75	1.64	1.48	1.28	1.08	0.87	0.67	0.49	0.34	0.21	0.12	0.13	0.22	0.34	0.45	0.54	0.48	0.38
95	22.3	22.6	23.1	23.8	24.8	25.7	26.7	27.5	27.8	28.0	28.0	28.1	28.3	28.6	28.9	29.0	28.9	28.1	27.1
100	104	103	102	100	99.4	98.4	97.4	96.4	95.6	94.9	94.3	93.8	93.4	93.2	93.0	92.9	92.7	92.4	92.1
105	188	187	186	185	183	181	179	177	175	173	172	170	169	167	166	166	165	166	167
110	267	267	267	265	262	259	255	252	248	245	243	240	239	238	238	239	240	240	241
115	341	341	339	336	332	328	323	318	315	311	308	306	303	301	299	298	298	301	305
120	389	387	385	382	379	376	372	368	363	358	354	350	348	348	349	350	352	354	356
125	425	424	422	419	415	411	406	402	399	396	393	391	389	389	389	389	391	395	399
130	443	443	442	440	437	433	430	426	421	417	413	410	409	410	412	415	418	420	423
135	452	451	449	447	444	441	438	436	434	433	432	431	431	430	430	431	432	436	442
140	450	449	448	447	446	445	445	444	442	441	440	439	439	440	442	444	446	449	453
145	452	452	452	451	449	447	445	444	444	444	445	446	447	448	449	450	452	455	459
150	449	450	451	451	451	450	450	450	450	450	451	451	451	451	451	451	452	456	460
155	450	450	449	449	449	449	449	450	450	451	452	453	454	455	456	457	459	461	464
160	449	450	451	452	453	453	454	454	454	454	454	455	455	457	458	460	462	463	465
165	453	452	452	453	453	454	455	456	457	457	458	458	458	458	457	457	458	460	463
170	453	455	456	457	457	457	457	456	456	456	456	456	457	459	461	463	464	465	465
175	460	460	460	461	461	461	461	462	462	462	462	463	463	464	464	465	465	466	466
180	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:Leo
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R3000_V2 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:277.10V I:0.1570A P:39.800W PF:0.9148 Freq:60.00Hz Lamp Flux:4285.1x1 lm		
NAME: DP4-DM-35E	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: OKT	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	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509				
5	517	516	515	515	514	514	514	513	513	513	513	513	512	512	511				
10	511	510	508	507	507	506	506	506	507	507	507	507	506	504	503				
15	510	509	507	506	504	503	502	502	502	501	501	500	500	498	497				
20	503	502	501	501	500	500	499	498	497	496	495	494	493	493	493				
25	499	497	495	493	492	491	491	491	491	491	492	492	492	492	492				
30	491	488	487	486	486	486	486	486	487	488	488	489	489	489	489				
35	480	479	478	477	477	478	479	481	483	484	486	487	487	487	486				
40	471	469	468	469	469	471	472	473	474	475	476	477	478	479	480				
45	455	454	454	455	456	457	460	463	466	469	472	474	475	475	475				
50	436	434	435	437	439	442	446	449	452	455	458	460	461	462	462				
55	413	413	414	417	420	423	427	431	435	438	441	444	446	447	447				
60	381	381	383	387	391	395	400	404	408	412	415	418	420	422	423				
65	340	342	345	349	354	360	365	370	375	380	384	387	390	391	393				
70	291	293	296	300	305	310	315	319	323	327	330	333	335	336	337				
75	227	229	232	236	240	243	247	251	254	257	259	261	263	265	266				
80	153	155	156	158	159	161	163	164	166	168	169	171	173	174	175				
85	57.3	57.2	57.6	58.5	59.5	60.6	61.6	62.2	62.6	63.0	63.2	63.3	63.4	63.4	63.3				
90	0.26	0.14	0.07	0.04	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
95	25.9	24.7	23.5	22.4	21.3	20.3	19.5	18.8	18.3	17.9	17.6	17.4	17.2	17.2	17.2				
100	91.7	91.2	90.4	89.2	88.2	87.5	87.3	88.9	91.1	93.5	96.1	98.4	100	102	104				
105	168	169	171	172	173	176	178	184	190	197	203	208	213	216	219				
110	243	245	247	249	253	257	263	273	284	295	305	314	320	325	329				
115	310	316	322	327	334	341	350	362	374	387	399	410	419	427	433				
120	359	364	370	377	386	396	407	419	432	444	457	467	476	484	491				
125	405	411	417	423	430	438	448	461	475	488	502	513	522	530	536				
130	426	431	437	445	454	464	475	487	499	510	521	529	536	540	543				
135	447	454	459	465	471	477	484	493	502	512	521	529	536	541	546				
140	457	461	467	473	479	486	493	500	506	513	518	523	526	529	530				
145	462	466	470	474	478	483	487	494	500	506	512	517	520	523	525				
150	464	469	474	479	483	487	491	496	500	503	506	508	508	508	507				
155	467	470	473	476	480	483	486	488	490	492	494	496	498	499	501				
160	467	470	472	475	478	481	484	485	487	488	488	489	489	488	488				
165	467	470	473	475	477	479	480	481	482	482	483	483	484	484	485				
170	465	465	466	467	468	469	471	473	475	476	478	478	478	476	475				
175	467	468	468	469	469	470	470	471	471	471	471	472	472	472	472				
180	458	458	458	458	458	458	458	458	458	458	458	458	458	458	458				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: Leo
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R3000_V2 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks: