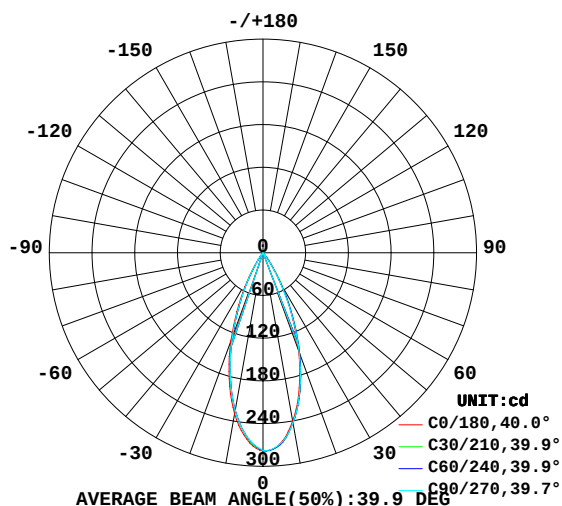


LUMINAIRE PHOTOMETRIC TEST REPORT

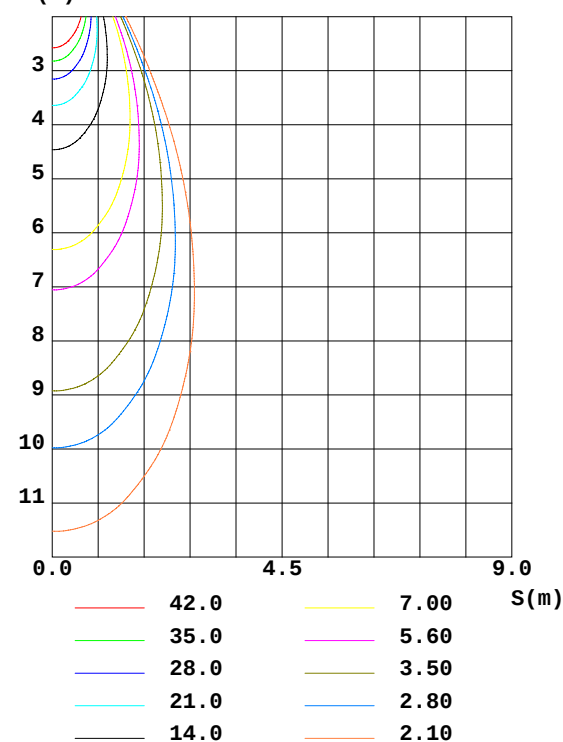
NAME: CL-Dot01 3000k-RA90-34D	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 58.57 lm/W			
MODEL		I _{max} (cd)	278.7	S/MH(C0/180)	0.66
NOMINAL POWER(W)	2	LOR(%)	2.2	S/MH(C90/270)	0.67
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	126.51	η UP, DN(C0-180)	0.0, 1.2
NOMINAL FLUX(lm)	5786.21	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 1.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	24	η down(%)	2.2	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [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	240.0	242.8	243.0	238.2	229.8	224.7	225.0	230.4	0- 10	24.32	24.32	19.2,0.42
20	146.5	151.0	149.0	143.1	132.1	125.1	126.0	132.4	10- 20	51.90	76.22	60.3,1.32
30	49.64	53.20	48.82	45.67	38.89	35.21	35.28	39.77	20- 30	39.25	115.5	91.3,2
40	2.972	4.906	2.753	2.902	0.6983	1.216	0.7870	2.331	30- 40	10.44	125.9	99.5,2.18
50	0	0.0001	0	0	0	0	0	0	40- 50	0.3315	126.3	99.8,2.18
60	0	0	0	0	0	0	0	0	50- 60	0.0000	126.3	99.8,2.18
70	0	0	0	0	0	0	0	0	60- 70	0	126.3	99.8,2.18
80	0	0	0	0	0	0	0	0	70- 80	0	126.3	99.8,2.18
90	0	0	0	0	0	0	0	0	80- 90	0	126.3	99.8,2.18
100	0	0	0	0	0	0	0	0	90-100	0	126.3	99.8,2.18
110	0	0	0	0	0	0	0	0	100-110	0	126.3	99.8,2.18
120	0	0	0	0	0	0	0	0	110-120	0	126.3	99.8,2.18
130	0	0	0	0	0	0	0	0	120-130	0	126.3	99.8,2.18
140	0	0	0	0	0	0.0000	0	0	130-140	0.0000	126.3	99.8,2.18
150	0.0612	0.0779	0.1040	0.0873	0.1417	0.1204	0.0989	0.1063	140-150	0.0184	126.3	99.8,2.18
160	0.2594	0.2690	0.2928	0.2808	0.3258	0.3091	0.2783	0.2972	150-160	0.0865	126.4	99.9,2.18
170	0.4387	0.4530	0.4721	0.4530	0.5004	0.4743	0.4529	0.4649	160-170	0.1046	126.5	100,2.19
180	0.5380	0.5403	0.5427	0.5356	0.5427	0.5403	0.5333	0.5356	170-180	0.0478	126.5	100,2.19
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

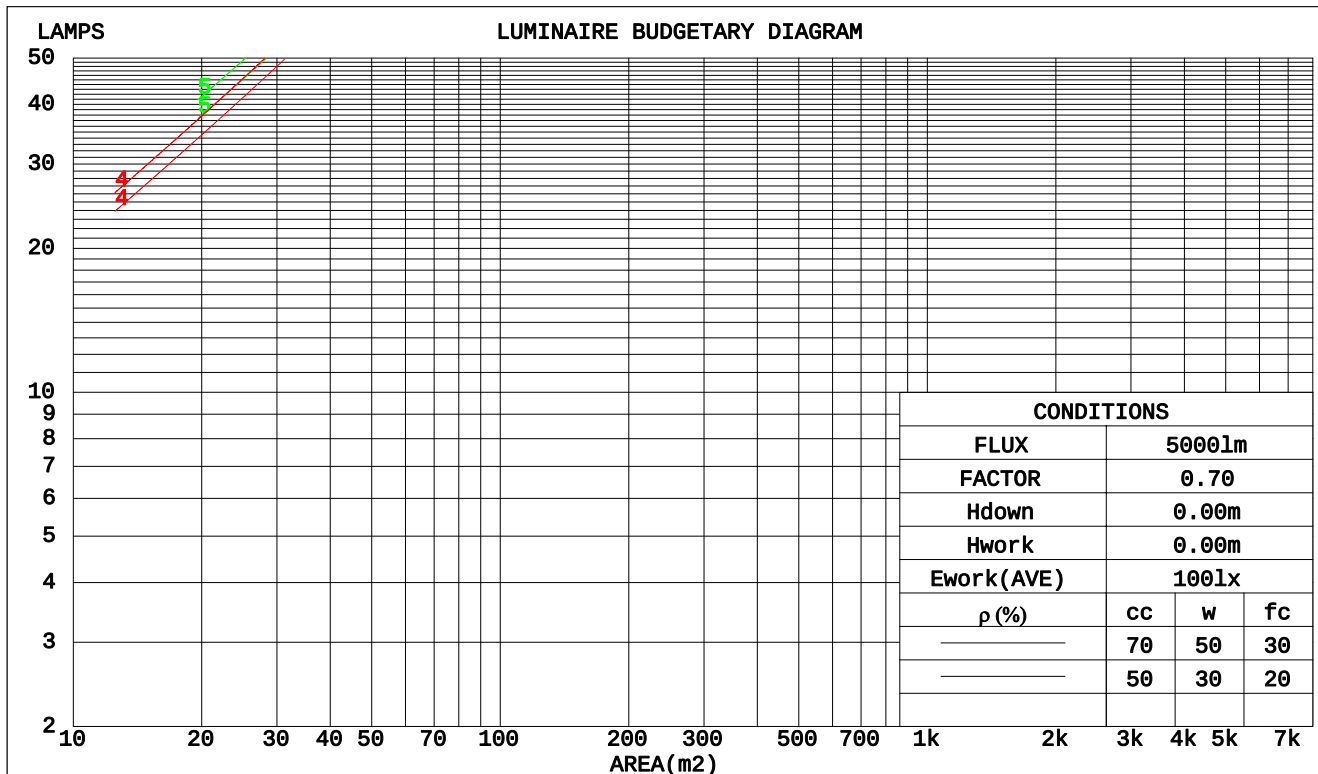
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: DOT01	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION 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	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
1.0	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
2.0	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
3.0	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
4.0	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
5.0	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
6.0	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
7.0	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
8.0	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
9.0	.02	.02	.01	.02	.02	.01	.02	.02	.01	.02	.02	.01	.02	.02	.01	.01
10.0	.02	.01	.01	.02	.01	.01	.02	.01	.01	.02	.01	.01	.02	.01	.01	.01



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: DOT01	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION 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	.003	.002	.001	.003	.002	.001	.003	.002	.001	.003	.002	.000	.002	.001	.000		
2.0	.003	.002	.001	.003	.002	.001	.003	.002	.000	.003	.001	.000	.002	.001	.000		
3.0	.003	.002	.000	.003	.002	.000	.003	.001	.000	.002	.001	.000	.002	.001	.000		
4.0	.003	.001	.000	.003	.001	.000	.003	.001	.000	.002	.001	.000	.002	.001	.000		
5.0	.003	.001	.000	.003	.001	.000	.002	.001	.000	.002	.001	.000	.002	.001	.000		
6.0	.003	.001	.000	.002	.001	.000	.002	.001	.000	.002	.001	.000	.002	.001	.000		
7.0	.002	.001	.000	.002	.001	.000	.002	.001	.000	.002	.001	.000	.002	.001	.000		
8.0	.002	.001	.000	.002	.001	.000	.002	.001	.000	.002	.001	.000	.002	.001	.000		
9.0	.002	.001	.000	.002	.001	.000	.002	.001	.000	.002	.001	.000	.002	.001	.000		
10.0	.002	.001	.000	.002	.001	.000	.002	.001	.000	.002	.001	.000	.002	.001	.000		

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	.004	.004	.004	.004	.004	.004	.002	.002	.002	.001	.001	.001	.000	.000	.000	
1.0	.004	.003	.003	.003	.003	.003	.002	.002	.002	.001	.001	.001	.000	.000	.000	
2.0	.003	.003	.003	.003	.003	.002	.002	.002	.002	.001	.001	.001	.000	.000	.000	
3.0	.003	.003	.002	.003	.002	.002	.002	.002	.001	.001	.001	.001	.000	.000	.000	
4.0	.003	.002	.002	.002	.002	.001	.002	.001	.001	.001	.001	.001	.000	.000	.000	
5.0	.003	.002	.001	.002	.002	.001	.002	.001	.001	.001	.001	.001	.000	.000	.000	
6.0	.002	.002	.001	.002	.001	.001	.001	.001	.001	.001	.001	.000	.000	.000	.000	
7.0	.002	.002	.001	.002	.001	.001	.001	.001	.001	.001	.001	.000	.000	.000	.000	
8.0	.002	.001	.001	.002	.001	.001	.001	.001	.001	.001	.001	.000	.000	.000	.000	
9.0	.002	.001	.001	.002	.001	.001	.001	.001	.000	.001	.000	.000	.000	.000	.000	
10.0	.002	.001	.001	.002	.001	.001	.001	.001	.000	.001	.000	.000	.000	.000	.000	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Uncorrected UGR Table

NAME: DOT01						TYPE:					WEIGHT:				
DIM.:						SPEC.:					SERIAL No.:				
MFR.: VD						SUR.:					PROTECTION ANGLE:				
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	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	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	0.2	0.2	0.2	0.2	0.2
Room dimensions						Viewed crosswise					Viewed endwise				
x = 2H y = 2H						-3.8	-3.1	-3.6	-2.9	-2.7	-4.3	-3.6	-4.1	-3.4	-3.2
3H						-4.0	-3.3	-3.7	-3.1	-2.9	-4.5	-3.8	-4.2	-3.6	-3.4
4H						-4.1	-3.4	-3.8	-3.2	-3.0	-4.6	-3.9	-4.3	-3.7	-3.5
6H						-4.2	-3.5	-3.9	-3.3	-3.0	-4.7	-4.0	-4.4	-3.8	-3.6
8H						-4.2	-3.6	-3.9	-3.3	-3.1	-4.7	-4.1	-4.4	-3.8	-3.6
12H						-4.3	-3.7	-3.9	-3.4	-3.1	-4.8	-4.2	-4.4	-3.9	-3.6
4H 2H						-4.1	-3.4	-3.8	-3.2	-3.0	-4.6	-3.9	-4.3	-3.7	-3.5
3H						-4.3	-3.7	-3.9	-3.4	-3.1	-4.8	-4.2	-4.4	-3.9	-3.6
4H						-4.3	-3.8	-4.0	-3.5	-3.2	-4.9	-4.3	-4.5	-4.0	-3.7
6H						-4.4	-4.0	-4.1	-3.6	-3.3	-5.0	-4.5	-4.6	-4.1	-3.8
8H						-4.5	-4.1	-4.1	-3.7	-3.3	-5.0	-4.6	-4.6	-4.2	-3.8
12H						-4.6	-4.2	-4.1	-3.8	-3.4	-5.1	-4.7	-4.7	-4.3	-3.9
8H 4H						-4.5	-4.1	-4.1	-3.7	-3.3	-5.0	-4.6	-4.6	-4.2	-3.8
6H						-4.6	-4.2	-4.2	-3.9	-3.4	-5.1	-4.8	-4.7	-4.4	-3.9
8H						-4.7	-4.3	-4.2	-3.9	-3.5	-5.2	-4.9	-4.7	-4.4	-4.0
12H						-4.7	-4.5	-4.3	-4.0	-3.5	-5.2	-5.0	-4.8	-4.5	-4.0
12H 4H						-4.6	-4.2	-4.1	-3.8	-3.4	-5.1	-4.7	-4.7	-4.3	-3.9
6H						-4.7	-4.3	-4.2	-3.9	-3.5	-5.2	-4.9	-4.7	-4.4	-4.0
8H						-4.7	-4.5	-4.3	-4.0	-3.5	-5.2	-5.0	-4.8	-4.5	-4.0
Variations with the observer position at spacings:															
S = 1.0H						+ 4.4 / - 1.\$					+ 4.4 / - 1.\$				
1.5H						+ 7.3 / - 1.\$					+ 7.2 / - 1.\$				
2.0H						+10.9 / - 1.\$					+10.1 / - 1.\$				

CIE Pub.117 Corrected 5786 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.1)

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: DOT01	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

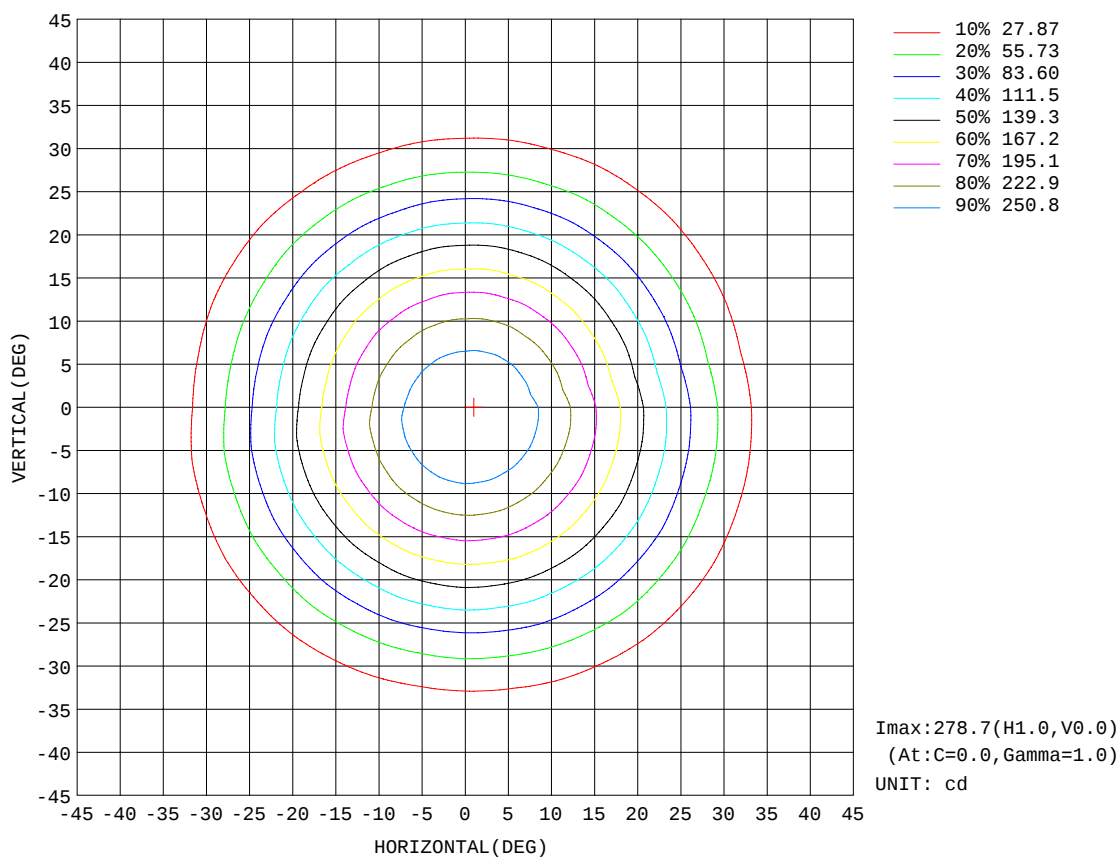
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	2	2	2	2	2	2	2	2	2	2
0.80	2	2	2	2	2	2	2	2	2	2
1.00	2	2	2	2	2	2	2	2	2	2
1.25	2	2	2	2	2	2	2	2	2	2
1.50	2	2	2	2	2	2	2	2	2	2
2.00	2	2	2	2	2	2	2	2	2	2
2.50	2	2	2	2	2	2	2	2	2	2
3.00	2	2	2	2	2	2	2	2	2	2
4.00	3	2	2	2	2	2	2	2	2	2
5.00	3	2	2	2	2	2	2	2	2	2
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: DOT01	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

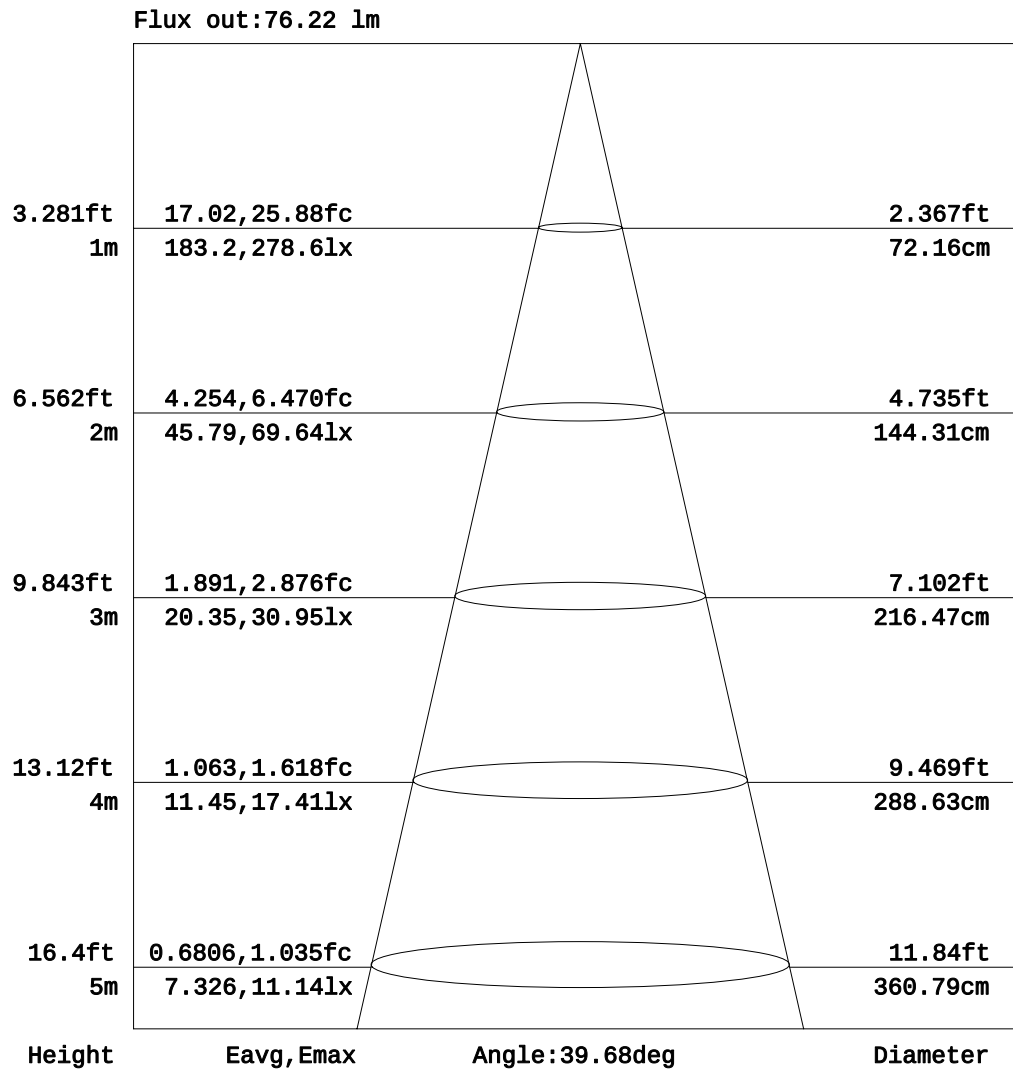


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

AAI Figure

NAME: DOT01	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:



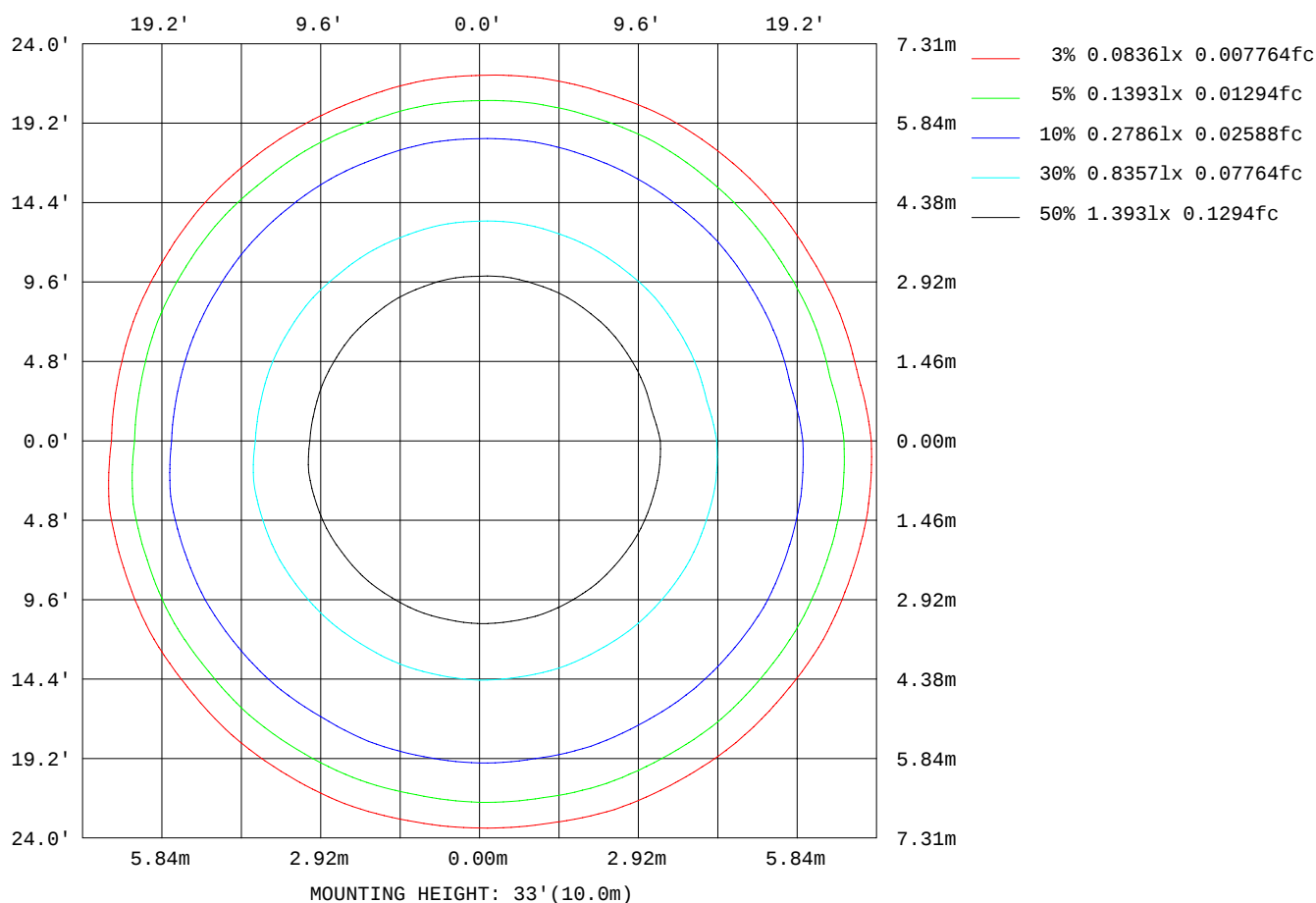
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: DOT01	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

NAME: DOT01	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	5786.21	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum calculated	specified maximum	maximum measured	specified maximum
Category 1	55 to 90	0	200	---	500
Category 2	65 to 90	0	200	---	500
Category 3	75 to 90	0	200	---	500

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

NAME: DOT01	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	5786.21	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:2001 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

range (deg)	Maximum measured	Average Luminance(cd/sq.m)			
		Maximum limit for screen type & software category used			
		Type I,II screen Some neg.s'ware	Type I,II screen Only pos.s'ware	Type III screen Some neg.s'ware	Type III screen Only pos.s'ware
55 to 90	0	1000	1500	200	500
65 to 90	0	1000	1500	200	500

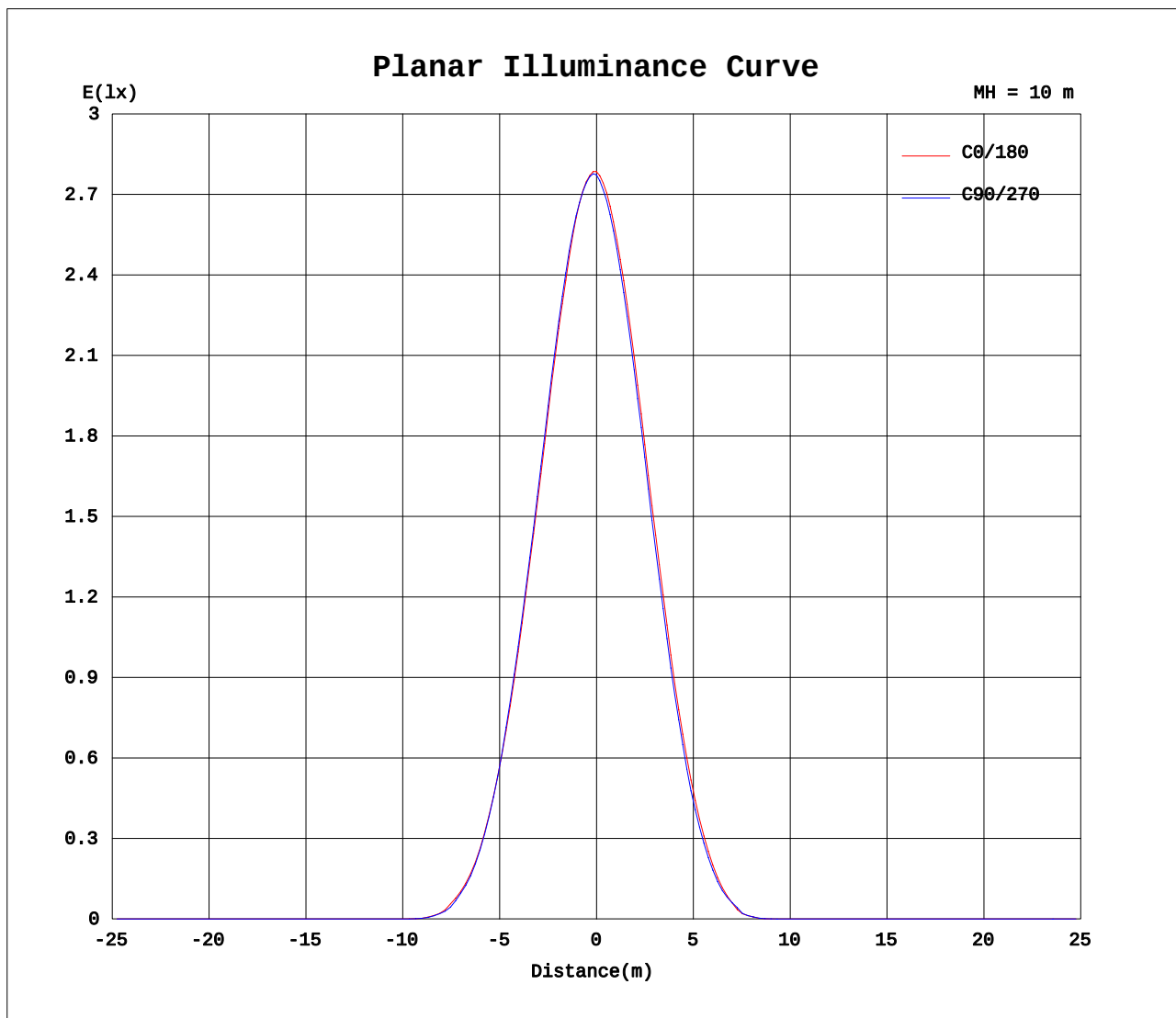
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

The luminaire satisfies the specified luminance criteria for
Negative Software with Type I & II Screen(Good to Moderate treatment).

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: DOT01	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd

C(°) \ γ (°)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	279	278	278	278	278	278	278	277	277	277	277	277	277	277	277	277	277	277	279
5	270	271	271	271	271	271	271	271	270	270	269	269	268	268	267	266	265	265	263
10	240	241	242	243	242	243	243	243	243	243	242	242	240	239	237	236	234	233	230
15	197	199	199	201	201	202	201	201	200	200	198	198	196	195	193	192	190	189	183
20	147	148	149	151	151	152	151	151	150	149	148	147	145	144	142	141	139	138	132
25	94.3	97.1	97.7	98.8	98.9	99.3	98.0	98.0	96.7	96.0	94.0	93.7	92.4	91.5	89.7	89.1	86.8	85.7	80.7
30	49.6	51.6	51.8	53.1	53.0	53.4	51.6	50.8	48.9	48.8	47.7	47.5	45.8	46.1	45.2	45.0	43.6	42.8	38.9
35	18.7	19.7	19.8	20.3	20.2	20.3	19.4	19.0	17.9	17.6	17.2	17.2	16.7	16.3	15.5	15.3	14.3	13.7	11.0
40	2.97	3.33	4.16	4.86	4.86	4.95	4.46	3.65	3.00	2.75	2.77	2.94	3.13	3.02	2.79	2.37	1.69	1.40	0.70
45	0.08	0.07	0.20	0.44	0.66	0.63	0.30	0.08	0.09	0.04	0.09	0.06	0.22	0.32	0.28	0.05	0.01	0.00	0.00
50	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
55	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
60	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
65	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
70	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
75	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
80	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
85	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
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
95	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
100	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
105	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
110	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
115	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
120	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
125	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
130	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
135	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
140	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
145	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.02	0.00	0.03	0.00	0.04	0.05
150	0.06	0.11	0.06	0.10	0.05	0.10	0.05	0.09	0.06	0.10	0.06	0.11	0.06	0.11	0.07	0.12	0.08	0.12	0.14
155	0.16	0.20	0.15	0.19	0.16	0.19	0.15	0.19	0.15	0.20	0.15	0.20	0.16	0.21	0.17	0.21	0.17	0.22	0.24
160	0.26	0.30	0.25	0.30	0.25	0.29	0.25	0.29	0.25	0.29	0.25	0.30	0.25	0.30	0.26	0.31	0.26	0.32	0.33
165	0.35	0.39	0.35	0.39	0.34	0.39	0.33	0.39	0.33	0.40	0.34	0.39	0.34	0.39	0.35	0.40	0.35	0.41	0.42
170	0.44	0.48	0.43	0.48	0.43	0.48	0.42	0.47	0.42	0.47	0.43	0.47	0.42	0.47	0.43	0.48	0.44	0.48	0.50
175	0.50	0.54	0.50	0.54	0.50	0.54	0.49	0.54	0.50	0.53	0.50	0.54	0.49	0.54	0.50	0.54	0.50	0.54	0.54
180	0.54	0.54	0.54	0.54	0.54	0.54	0.53	0.53	0.53	0.54	0.54	0.54	0.53	0.54	0.53	0.54	0.54	0.54	0.54

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: tang
Test Date: 2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: DOT01	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: VD	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd

C(°) γ (°)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	278	278	278	278	278	278	277	277	277	277	277	277	277	277	277	277	277		
5	262	261	260	260	259	260	259	259	259	260	261	262	263	264	264	265	266		
10	228	227	225	225	224	225	224	225	225	227	227	229	229	231	232	234	235		
15	181	180	179	178	177	177	177	178	178	179	180	182	183	185	186	189	190		
20	129	128	126	126	124	125	125	126	126	128	128	130	131	134	135	138	139		
25	78.4	77.4	75.4	75.0	73.8	74.4	74.2	75.2	75.1	76.9	77.8	79.6	80.4	82.1	83.6	85.8	87.1		
30	37.5	37.3	36.2	35.8	34.6	34.5	34.4	35.3	35.3	36.7	36.7	37.5	38.8	40.8	41.5	43.1	44.3		
35	10.8	10.7	10.3	10.2	9.66	9.67	9.87	10.7	11.1	11.7	12.2	13.3	13.8	14.4	14.6	15.5	16.1		
40	0.75	1.06	1.19	1.22	1.21	1.30	1.01	0.95	0.79	1.15	1.35	1.97	2.18	2.48	2.58	2.51	2.36		
45	0.00	0.00	0.03	0.05	0.10	0.01	0.00	0.00	0.00	0.00	0.01	0.05	0.24	0.25	0.19	0.05	0.05		
50	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		
55	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		
60	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		
65	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		
70	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		
75	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		
80	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		
85	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		
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		
95	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		
100	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		
105	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		
110	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		
115	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		
120	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		
125	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		
130	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		
135	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		
140	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		
145	0.00	0.05	0.01	0.06	0.01	0.06	0.01	0.06	0.01	0.06	0.00	0.05	0.00	0.04	0.00	0.04	0.00		
150	0.09	0.14	0.09	0.14	0.10	0.14	0.09	0.15	0.10	0.14	0.09	0.14	0.08	0.13	0.08	0.12	0.08		
155	0.18	0.23	0.18	0.23	0.19	0.24	0.19	0.24	0.19	0.23	0.19	0.23	0.18	0.21	0.17	0.21	0.16		
160	0.28	0.33	0.28	0.34	0.28	0.34	0.29	0.33	0.28	0.32	0.28	0.32	0.27	0.32	0.26	0.30	0.26		
165	0.37	0.42	0.37	0.42	0.38	0.42	0.37	0.42	0.37	0.42	0.37	0.41	0.36	0.40	0.36	0.40	0.35		
170	0.45	0.50	0.45	0.50	0.45	0.50	0.45	0.50	0.45	0.50	0.45	0.49	0.44	0.49	0.44	0.49	0.43		
175	0.52	0.55	0.50	0.54	0.51	0.53	0.51	0.54	0.51	0.55	0.50	0.54	0.50	0.54	0.50	0.52	0.51		
180	0.55	0.55	0.54	0.54	0.54	0.54	0.53	0.54	0.53	0.55	0.53	0.54	0.53	0.54	0.53	0.53	0.54		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:tang
Test Date:2022-04-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks: