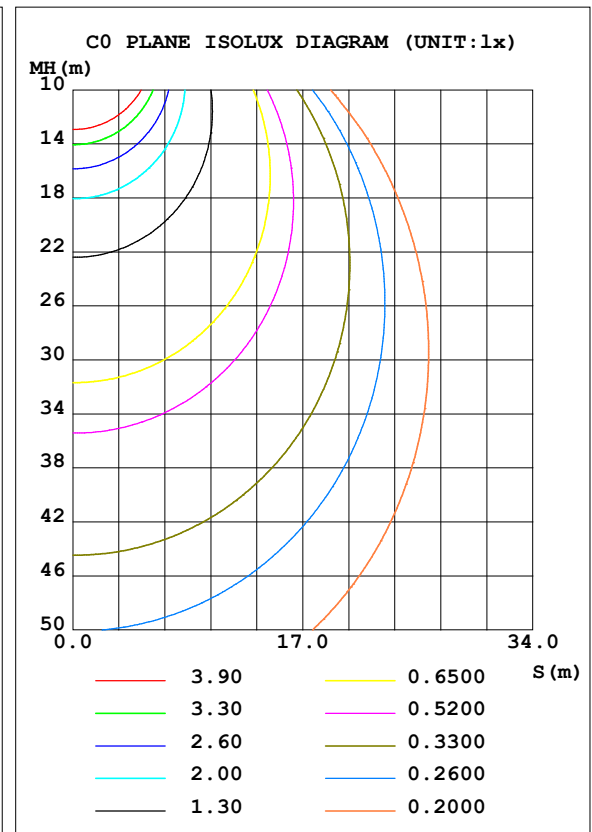
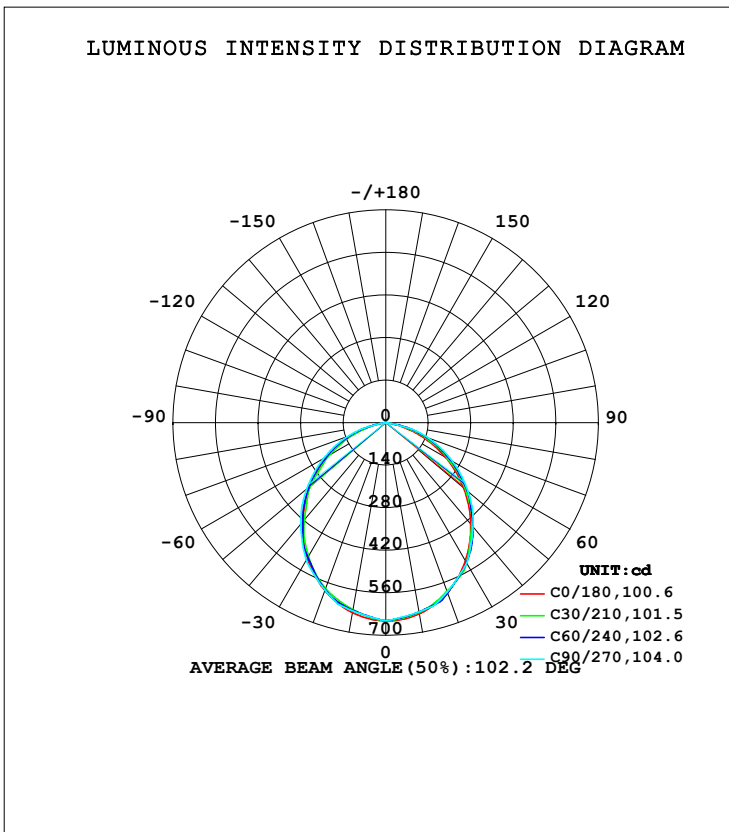


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 118.26 lm/W			
MODEL		I _{max} (cd)	652.3	S/MH (C0/180)	1.18
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.20
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	1597.6	η UP, DN (C0-180)	0.0, 50.8
NOMINAL FLUX (lm)	1597.56	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 49.2
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	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: 2023-12-13

V(B) Range: -75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0875]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	638.6	632.8	632.3	627.8	634.8	625.3	628.9	630.4	0- 10	61.00	61.00	3.82,3.82
20	594.4	599.8	592.7	588.5	587.7	583.5	586.1	594.9	10- 20	173.0	234.0	14.6,14.6
30	524.5	527.3	533.4	516.8	515.4	509.2	523.9	520.1	20- 30	256.3	490.2	30.7,30.7
40	435.3	445.7	447.1	437.0	425.4	426.7	435.2	436.1	30- 40	299.5	789.7	49.4,49.4
50	334.4	342.6	353.4	338.6	324.7	326.0	339.6	332.6	40- 50	297.8	1088	68.1,68.1
60	224.8	239.2	252.6	235.8	219.3	221.8	237.3	227.4	50- 60	254.2	1342	84,84
70	115.3	137.2	149.2	130.1	112.3	116.4	132.8	122.2	60- 70	177.0	1519	95.1,95.1
80	11.93	35.69	0	27.84	9.900	18.05	0	21.38	70- 80	76.84	1596	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	2.019	1598	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		

Conical surface Flux(90deg): 941.54 lm

%lum = 58.9%

%lamp = 58.9%

Conical surface Flux(120deg): 1341.7 lm

%lum = 84.0%

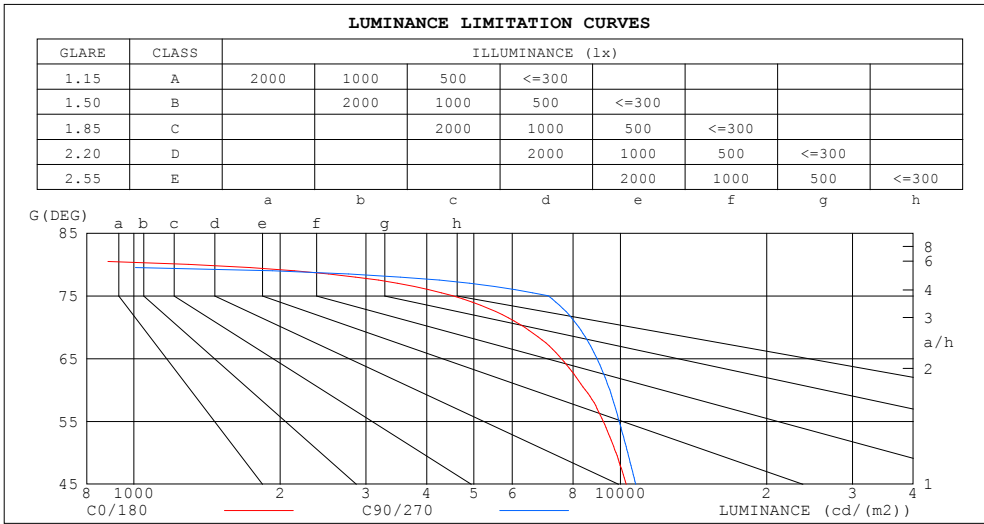
%lamp = 84.0%

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-13

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	0
80	1294	0
75	4525	7101
70	6350	8220
65	7565	8954
60	8470	9515
55	9228	9949
50	9798	10357
45	10283	10755

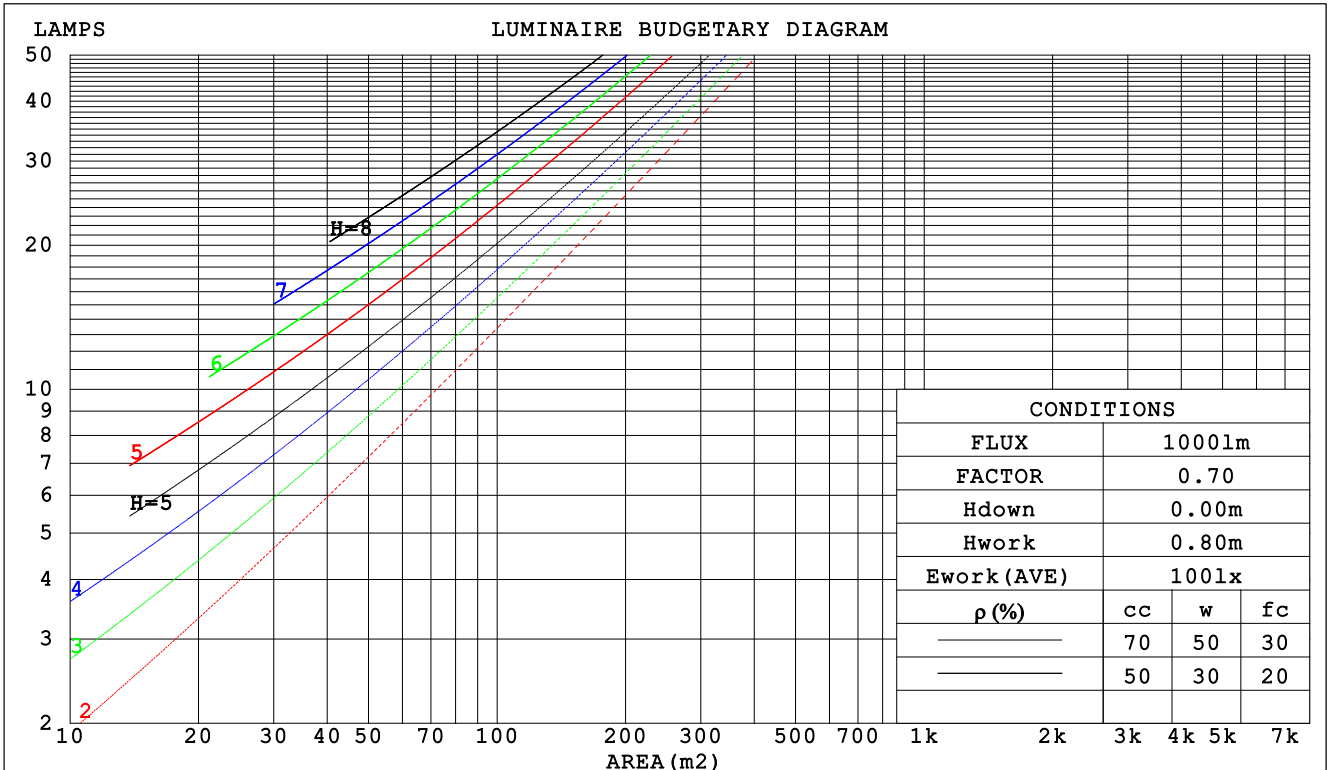
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-13

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	.00
1.0	1.06	1.02	.98	1.03	.00	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.93	.87	.81	.91	.85	.80	.88	.83	.78	.84	.80	.77	.81	.78	.75	.73
3.0	.82	.74	.68	.81	.73	.68	.78	.72	.66	.75	.70	.65	.72	.68	.64	.62
4.0	.73	.65	.58	.72	.64	.58	.69	.62	.57	.67	.61	.56	.65	.60	.56	.53
5.0	.65	.57	.50	.64	.56	.50	.62	.55	.50	.60	.54	.49	.59	.53	.49	.47
6.0	.59	.50	.44	.58	.50	.44	.56	.49	.44	.55	.48	.43	.53	.47	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.39	.49	.43	.38	.36
8.0	.49	.41	.35	.48	.41	.35	.47	.40	.35	.46	.39	.35	.45	.39	.34	.33
9.0	.45	.37	.32	.45	.37	.32	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.38	.33	.28	.27



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-13

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

WEC AND CCEC

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	.275	.157	.050	.268	.153	.049	.255	.146	.047	.243	.140	.045	.232	.135	.043	
2.0	.268	.147	.045	.262	.144	.044	.250	.139	.043	.240	.135	.042	.230	.130	.041	
3.0	.252	.134	.040	.247	.132	.040	.237	.128	.039	.228	.125	.038	.219	.121	.037	
4.0	.236	.123	.036	.231	.121	.036	.222	.118	.035	.214	.115	.035	.206	.112	.034	
5.0	.220	.112	.032	.216	.111	.032	.208	.108	.032	.200	.106	.031	.193	.103	.031	
6.0	.205	.103	.029	.201	.102	.029	.194	.100	.029	.188	.097	.029	.181	.095	.028	
7.0	.192	.095	.027	.188	.094	.027	.182	.092	.027	.176	.090	.026	.171	.089	.026	
8.0	.180	.088	.025	.177	.087	.025	.171	.086	.024	.166	.084	.024	.161	.083	.024	
9.0	.169	.082	.023	.166	.081	.023	.161	.080	.023	.156	.078	.022	.152	.077	.022	
10.0	.159	.076	.021	.157	.076	.021	.152	.075	.021	.148	.073	.021	.144	.072	.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	.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	.047	.019	.017	.015	
2.0	.169	.132	.101	.145	.114	.087	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.161	.114	.077	.138	.098	.067	.095	.068	.047	.055	.040	.028	.018	.013	.009	
4.0	.154	.101	.060	.132	.087	.052	.091	.061	.037	.052	.036	.022	.017	.012	.007	
5.0	.146	.090	.049	.126	.078	.042	.087	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.139	.082	.040	.120	.071	.035	.083	.050	.025	.048	.029	.015	.015	.010	.005	
7.0	.133	.075	.034	.114	.065	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
8.0	.127	.069	.029	.109	.060	.026	.075	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.104	.056	.022	.072	.039	.016	.042	.023	.010	.014	.008	.003	
10.0	.115	.060	.023	.099	.052	.020	.069	.037	.014	.040	.022	.008	.013	.007	.003	

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-13

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm										
NAME: DOR300 15W 4000K					TYPE:LED			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:1		
MFR.: EVERFINE					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	20.6	22.1	20.9	22.3	22.5	21.0	22.4	21.2	22.6	22.8
3H	21.7	23.1	22.0	23.3	23.5	22.3	23.7	22.6	23.9	24.1
4H	22.0	23.3	22.3	23.5	23.8	22.8	24.1	23.1	24.4	24.6
6H	22.1	23.3	22.4	23.5	23.8	22.9	24.1	23.2	24.3	24.6
8H	22.0	23.2	22.3	23.4	23.7	22.8	24.0	23.2	24.2	24.5
12H	22.0	23.1	22.3	23.4	23.7	22.8	23.9	23.1	24.2	24.5
4H 2H	21.2	22.5	21.5	22.7	23.0	21.5	22.7	21.8	23.0	23.2
3H	22.5	23.6	22.8	23.9	24.2	23.0	24.1	23.4	24.4	24.7
4H	22.9	23.9	23.2	24.2	24.5	23.6	24.6	24.0	24.9	25.3
6H	23.0	23.9	23.4	24.2	24.6	23.7	24.6	24.1	24.9	25.3
8H	22.9	23.8	23.3	24.1	24.5	23.6	24.5	24.1	24.8	25.2
12H	22.9	23.6	23.3	24.0	24.4	23.6	24.4	24.0	24.7	25.1
8H 4H	23.1	23.9	23.5	24.3	24.6	23.8	24.6	24.2	24.9	25.3
6H	23.2	23.9	23.7	24.3	24.7	23.9	24.5	24.3	24.9	25.4
8H	23.2	23.8	23.7	24.2	24.7	23.8	24.4	24.3	24.8	25.3
12H	23.2	23.7	23.6	24.1	24.6	23.8	24.3	24.3	24.7	25.2
12H 4H	23.0	23.8	23.5	24.2	24.6	23.7	24.5	24.1	24.9	25.3
6H	23.2	23.8	23.7	24.2	24.7	23.8	24.4	24.3	24.9	25.3
8H	23.2	23.7	23.7	24.1	24.6	23.8	24.3	24.3	24.8	25.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.3				
1.5H	+ 0.3 / - 0.5					+ 0.1 / - 0.3				
2.0H	+ 0.4 / - 0.6					+ 0.3 / - 0.4				

CIE Pub.117, 1598 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.6)

H(β) Range:-90 - 90DEG	V(B) Range:-75 - 75DEG
H(β) Interval: 1.0DEG	V(B) Interval: 5.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:8.000m [K=1.0875]
Test Date:2023-12-13	Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

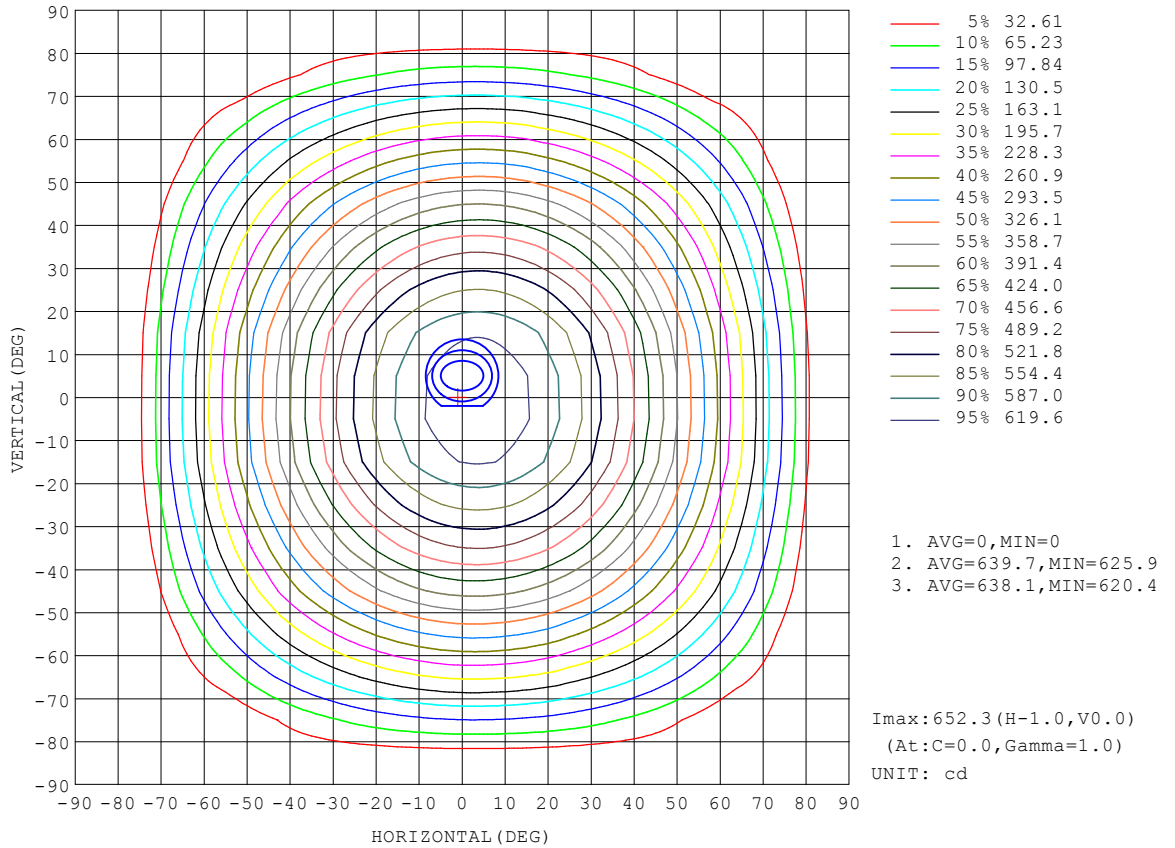
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	60	49	42	59	49	42	58	48	42	36
0.80	70	59	52	69	59	52	68	58	52	45
1.00	79	68	61	78	68	61	75	69	61	54
1.25	86	76	69	84	75	69	82	74	68	61
1.50	91	82	75	89	81	75	86	79	74	66
2.00	97	90	84	96	88	83	92	86	81	74
2.50	101	94	88	99	93	88	95	90	86	78
3.00	104	98	93	102	96	92	98	94	90	82
4.00	108	103	99	106	101	97	101	98	95	86
5.00	110	106	102	108	104	101	103	100	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:2023-12-13

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

ISOCANDELA DIAGRAM

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

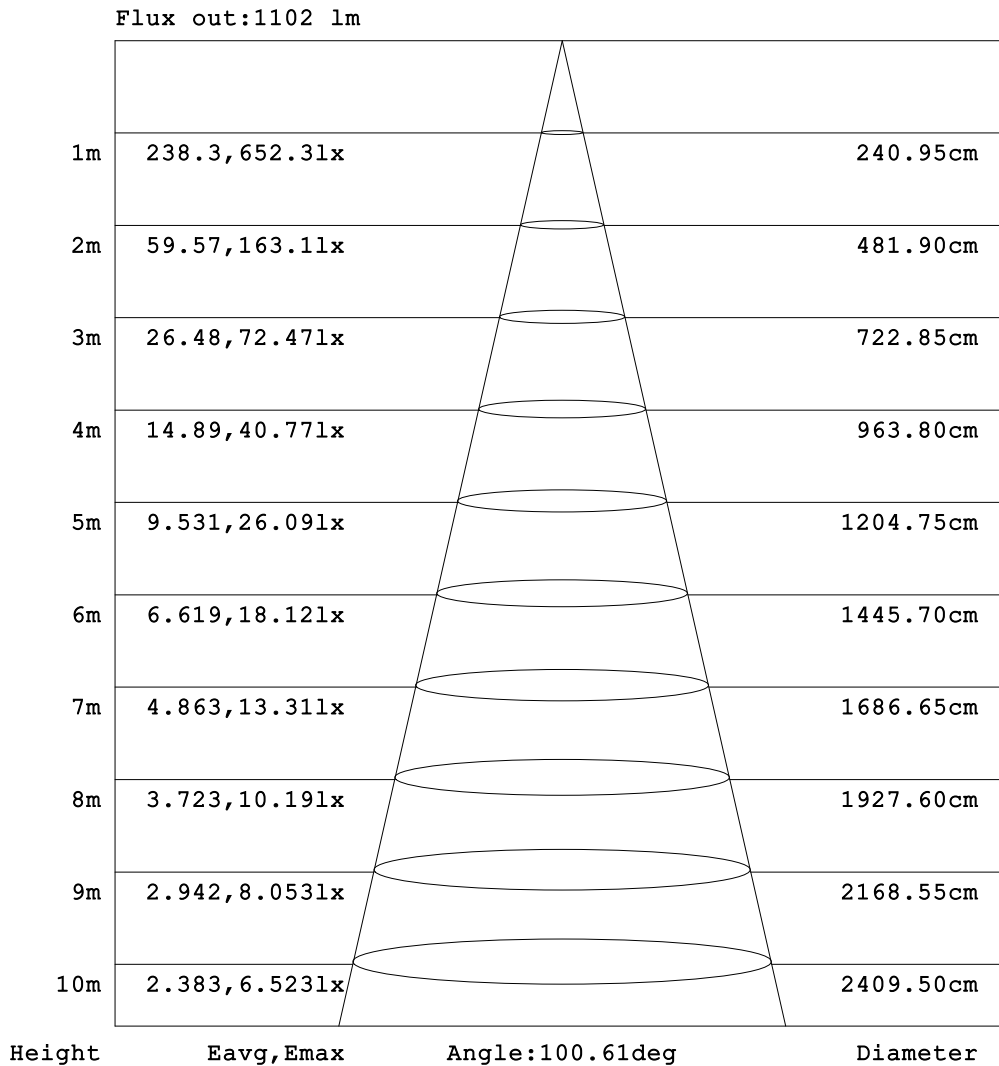


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-12-13

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:8.000m [K=1.0875]
 Remarks:

AAI Figure

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



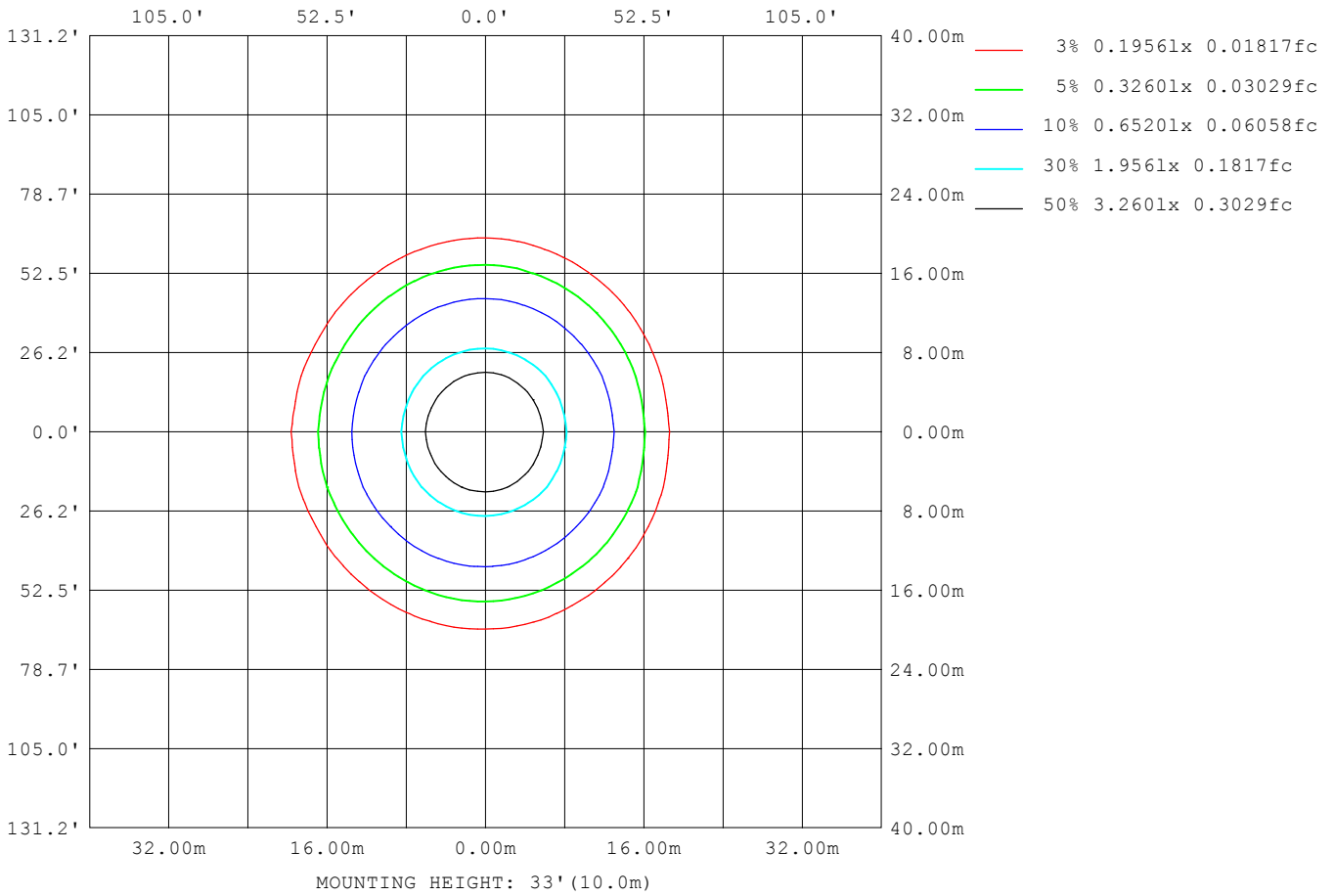
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-13

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

ISOLUX DIAGRAM

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-12-13

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:8.000m [K=1.0875]
 Remarks:

LED Avg.L Report

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

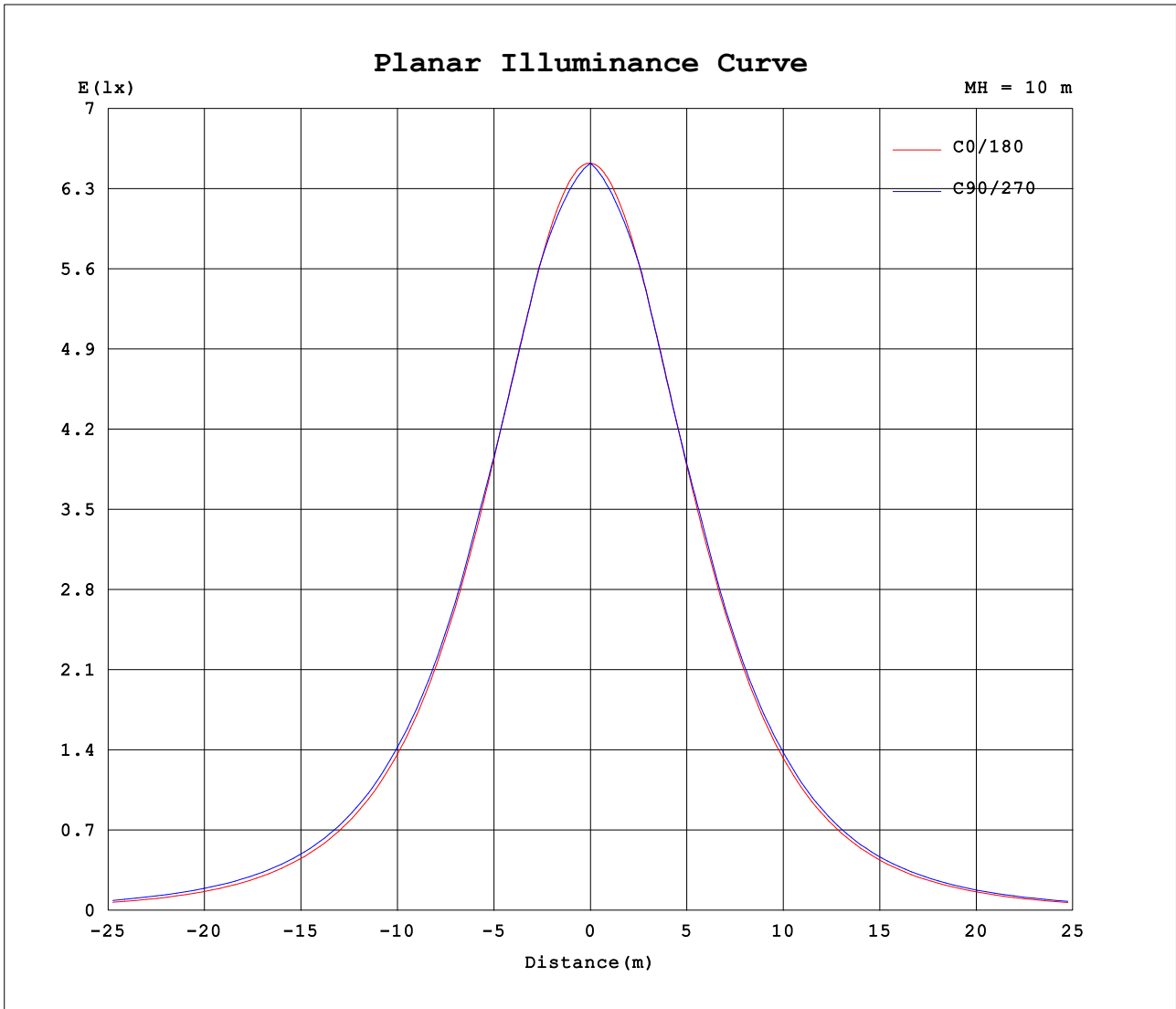
AvgL	cd/m2
L_0~180 (65) av	7474
L_0~180 (75) av	4409
L_0~180 (85) av	0
L_90~270 (65) av	8599
L_90~270 (75) av	6483
L_90~270 (85) av	0
L_45 (65) av	7944
L_45 (75) av	5475
L_45 (85) av	0

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-13

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-12-13

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:8.000m [K=1.0875]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652
5	649	649	648	647	647	646	646	645	645	644	644	644	643	643	643	643	642	642	642
10	639	637	637	636	635	635	635	634	633	633	633	632	632	632	632	632	632	632	632
15	620	619	618	618	618	616	615	615	615	616	618	619	620	621	622	622	623	622	622
20	594	594	593	593	591	590	590	593	597	600	600	598	596	595	594	594	593	593	593
25	562	562	563	561	558	560	565	571	567	564	563	563	564	564	564	564	564	564	563
30	525	525	526	522	523	530	532	527	525	527	530	531	531	532	533	533	534	534	533
35	482	484	482	479	487	489	483	485	489	490	491	492	493	493	492	492	492	491	490
40	435	439	434	438	444	436	440	445	445	446	447	448	447	447	446	446	447	447	447
45	386	392	383	396	388	391	395	395	397	399	397	396	397	400	401	403	404	404	404
50	334	339	336	340	338	343	343	347	344	343	347	351	352	352	352	352	353	353	353
55	281	284	289	282	291	289	293	289	293	298	296	295	296	299	301	302	303	303	303
60	225	227	234	235	233	238	235	243	240	239	243	246	246	247	250	251	251	252	253
65	170	171	172	176	182	182	185	183	188	189	190	191	193	195	199	200	201	201	201
70	115	124	126	128	129	127	132	133	134	137	140	142	143	144	147	148	148	149	149
75	62.2	66.4	70.7	75.8	74.5	77.6	78.8	83.3	84.0	85.3	87.6	90.2	92.4	94.2	95.8	96.8	97.3	97.4	97.6
80	11.9	18.9	24.8	24.9	28.0	29.7	26.7	30.8	34.9	35.7	32.8	27.9	22.1	16.3	10.9	6.33	2.87	0.72	0.00
85	0.00	0.00	0.00	0.28	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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-13

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652
5	642	642	641	641	641	641	641	641	642	642	642	643	643	644	645	645	646	647	646
10	632	632	631	631	630	630	629	628	628	627	627	626	627	628	629	631	633	635	632
15	621	620	619	618	617	615	614	613	612	611	609	607	606	605	606	608	611	615	611
20	592	592	592	591	591	590	590	590	588	587	585	584	582	579	577	579	583	588	582
25	562	561	559	558	558	557	557	557	556	555	554	552	551	549	545	543	548	554	547
30	533	531	530	528	525	522	518	517	517	518	516	514	513	513	509	504	507	515	507
35	489	488	487	486	485	486	486	480	475	472	473	474	471	469	470	463	463	472	462
40	447	446	444	442	440	437	435	435	437	432	425	425	427	423	422	419	415	425	413
45	403	401	399	397	395	394	391	387	382	383	386	376	374	377	372	374	364	376	362
50	353	352	351	349	347	344	342	340	339	333	328	333	325	324	322	322	314	325	312
55	302	301	299	297	296	294	293	289	285	284	282	274	278	269	274	268	265	272	263
60	252	251	249	247	244	241	237	236	236	232	227	226	219	225	214	214	214	219	212
65	200	199	197	195	193	191	190	186	181	177	177	172	170	164	168	166	164	166	161
70	149	148	146	144	142	139	135	132	130	129	123	118	119	115	108	106	106	112	103
75	96.9	95.7	94.2	92.5	90.5	88.2	85.8	83.4	80.1	75.2	69.8	69.5	65.5	63.7	59.3	57.1	56.9	59.0	53.8
80	0.72	2.82	6.13	10.4	15.3	20.2	24.6	27.6	27.8	24.3	21.7	21.3	22.5	18.3	10.2	7.38	5.95	9.90	3.76
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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-13

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	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	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652
5	645	644	643	643	642	641	641	640	640	640	640	640	640	640	640	640	640	640	641
10	630	628	627	625	624	625	625	625	626	626	627	627	628	628	628	629	629	629	629
15	607	605	603	604	605	606	608	608	609	610	611	612	613	614	615	616	617	617	618
20	578	575	577	579	581	581	582	583	584	584	584	585	585	585	585	586	586	586	587
25	541	543	546	547	548	549	549	549	550	550	550	550	550	551	552	554	555	556	556
30	502	506	509	508	509	510	511	509	508	509	512	515	518	520	522	523	524	524	524
35	461	466	464	465	467	465	463	466	471	476	475	475	475	476	477	478	479	480	481
40	417	418	417	421	417	416	423	427	424	423	425	428	430	432	433	434	435	435	436
45	371	367	370	367	368	377	373	371	375	378	380	382	384	385	387	389	391	391	392
50	318	317	317	316	323	317	321	326	326	327	330	332	335	336	338	339	340	340	340
55	263	268	262	269	262	270	271	271	275	278	280	281	282	284	286	287	288	289	290
60	210	208	216	209	215	213	219	222	222	222	226	229	232	234	236	237	237	237	237
65	161	161	156	160	160	164	163	167	171	174	176	178	179	181	183	184	185	185	186
70	100	101	105	109	107	111	116	116	117	120	123	126	129	130	132	132	133	133	132
75	52.0	52.4	55.8	56.3	60.2	58.6	63.2	66.9	69.3	71.1	73.0	74.9	76.6	78.0	79.1	80.0	80.6	80.6	80.3
80	3.81	7.79	12.9	18.4	18.1	12.6	13.6	18.0	19.6	18.5	15.7	12.2	8.42	5.01	2.32	0.59	0.00	0.60	2.35
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

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-12-13

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.11V I:0.0653A P:13.509W PF:0.9651 Freq:49.99Hz Lamp Flux:1597.56x1 lm		
NAME: DOR300 15W 4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--4

UNIT: cd

C (DEG) \ y (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	652	652	652	652	652	652	652	652	652	652	652	652	652	652	652				
5	641	641	642	642	642	643	643	644	644	645	645	646	647	648	649				
10	629	629	629	629	630	630	630	631	632	633	633	634	635	636	637				
15	617	617	617	616	615	614	612	612	612	613	614	616	617	617	619				
20	587	588	589	590	592	595	595	592	589	587	587	589	592	592	593				
25	557	557	557	556	556	556	558	562	566	561	557	555	558	562	561				
30	524	523	523	523	523	522	520	518	521	526	526	520	519	524	524				
35	482	482	483	483	483	482	482	481	478	477	484	483	475	480	483				
40	436	436	437	437	438	437	436	436	437	433	430	439	434	432	438				
45	392	391	389	387	386	387	389	387	386	387	385	382	391	380	391				
50	340	340	340	341	340	337	333	335	337	334	336	332	335	333	338				
55	289	287	286	284	283	285	287	283	279	284	280	284	276	285	282				
60	236	234	233	233	233	230	227	228	232	224	229	224	228	229	225				
65	185	182	181	179	177	176	176	175	171	174	171	172	169	167	168				
70	131	130	128	127	126	125	122	119	119	119	115	118	119	120	121				
75	79.5	78.5	77.0	75.2	73.0	70.5	68.7	68.1	68.2	64.7	64.1	61.8	65.0	64.3	63.2				
80	5.13	8.71	12.7	16.8	20.1	22.0	21.4	17.7	15.2	18.9	22.8	17.8	14.5	15.8	16.4				
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				
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:2023-12-13

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:8.000m [K=1.0875]
Remarks: