

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

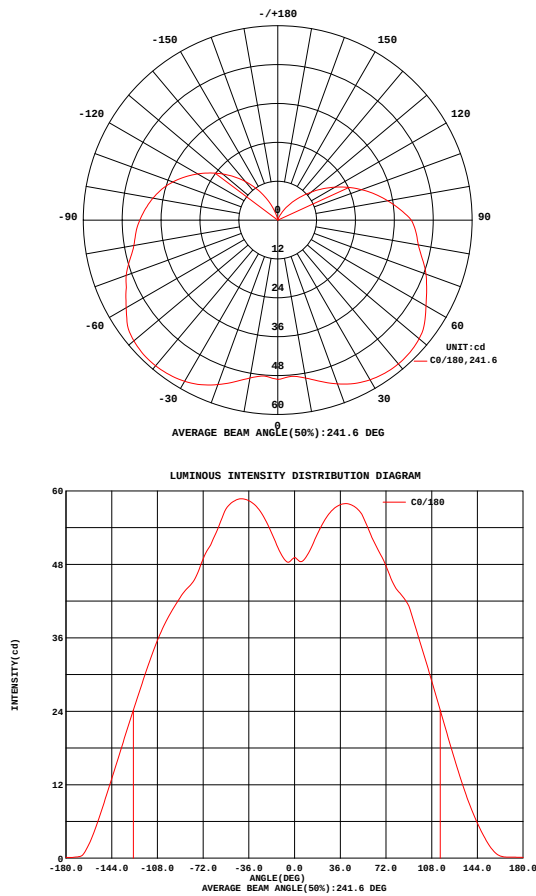


Fig. C0/C180

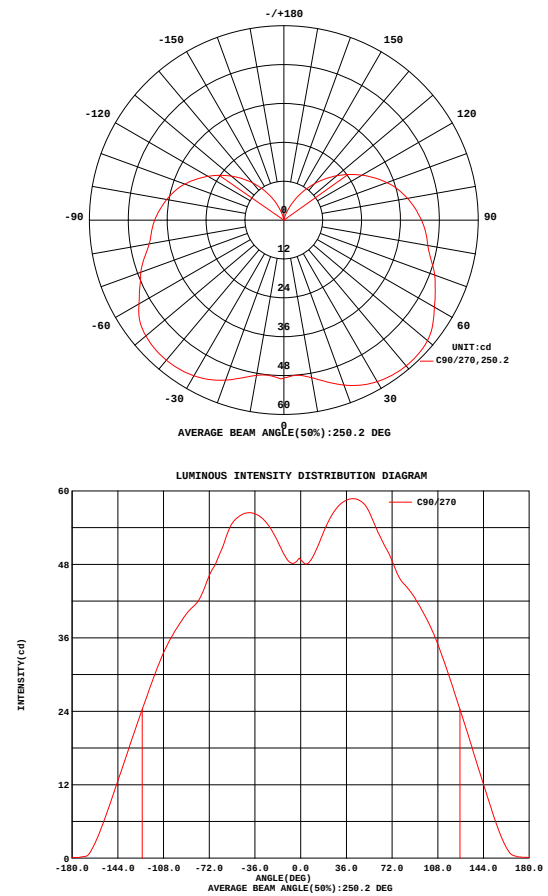


Fig. C90/C270

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-12-19

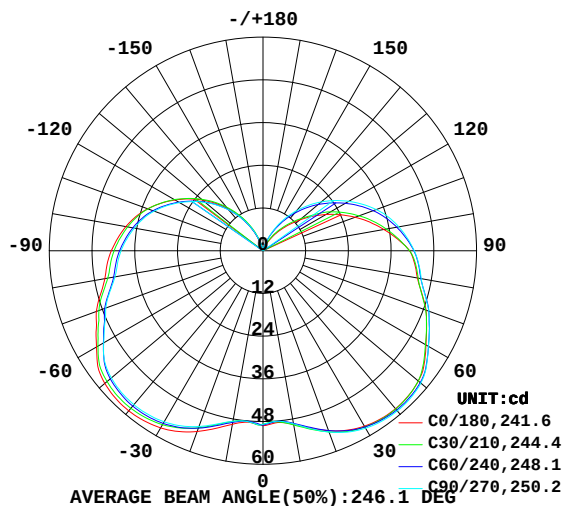
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.615m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

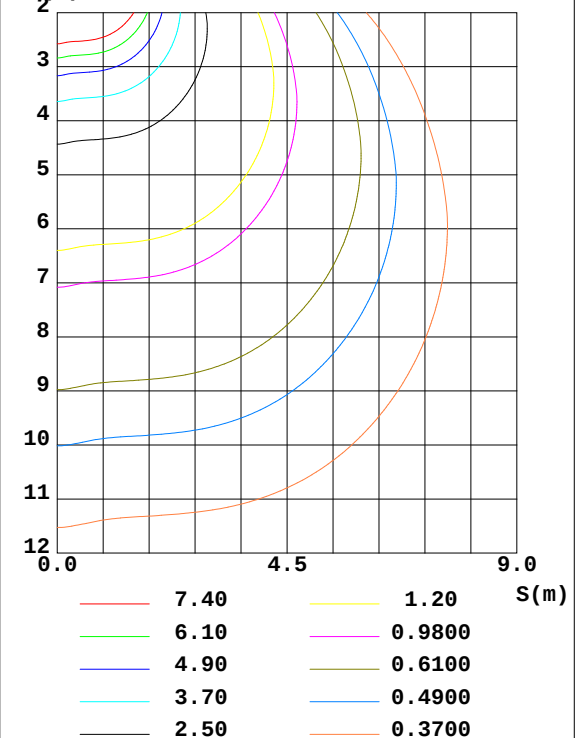
NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121901
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 52.48 lm/W
MODEL	2700	I _{max} (cd)	58.73	S/MH(C0/180)	1.78	
NOMINAL POWER(W)	8.99	LOR(%)	100.0	S/MH(C90/270)	1.74	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	471.34	η UP, DN(C0-180)	16.1, 34.4	
NOMINAL FLUX(lm)	471.342	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	15.9, 33.5	
LAMPS INSIDE	1	η up(%)	32.0	CIBSE SHR NOM	2.00	
TEST VOLTAGE(V)	230	η down(%)	68.0	CIBSE SHR MAX	2.00	

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:DAMIN
Test Date:2020-12-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

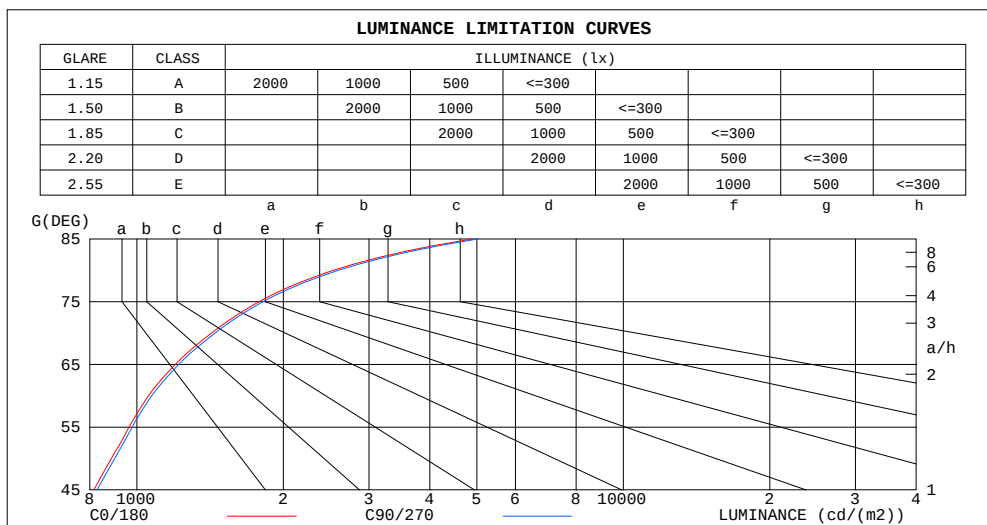
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	49.49	49.44	49.38	48.90	49.48	48.78	48.65	49.19	0- 10	4.629	4.629	0.98,0.98
20	53.78	53.91	54.17	53.45	54.02	52.95	52.54	53.25	10- 20	14.59	19.22	4.08,4.08
30	56.91	57.14	57.57	57.02	57.46	56.20	55.48	56.06	20- 30	25.62	44.84	9.51,9.51
40	57.92	58.18	58.71	58.30	58.68	57.33	56.43	56.77	30- 40	36.04	80.88	17.2,17.2
50	56.96	57.22	57.88	57.68	57.99	56.54	55.59	55.63	40- 50	44.50	125.4	26.6,26.6
60	52.86	53.10	53.65	53.87	54.02	52.56	51.66	51.27	50- 60	49.45	174.8	37.1,37.1
70	48.71	49.06	49.55	49.68	49.79	48.14	46.98	46.77	60- 70	50.19	225.0	47.7,47.7
80	44.05	44.60	45.12	45.09	45.10	43.41	42.22	42.18	70- 80	48.77	273.8	58.1,58.1
90	41.20	41.84	42.47	42.53	42.61	41.04	39.89	39.63	80- 90	46.60	320.4	68,68
100	34.50	36.76	38.75	39.01	39.12	37.85	36.73	34.76	90-100	42.90	363.3	77.1,77.1
110	27.57	30.95	33.87	34.45	34.49	33.62	32.58	29.29	100-110	36.76	400.0	84.9,84.9
120	20.41	24.39	27.81	28.55	28.57	28.02	27.07	23.12	110-120	28.89	428.9	91,91
130	13.50	17.81	21.37	22.20	22.19	21.95	21.15	17.04	120-130	20.49	449.4	95.3,95.3
140	7.684	10.67	14.72	15.59	15.57	15.61	15.02	11.21	130-140	12.79	462.2	98.1,98.1
150	3.243	5.303	8.176	9.093	9.036	9.272	8.927	5.943	140-150	6.538	468.7	99.4,99.4
160	0.5657	1.422	2.540	3.227	3.134	3.412	3.346	1.625	150-160	2.267	471.0	99.9,99.9
170	0.1731	0.2235	0.2922	0.3421	0.2422	0.2395	0.2831	0.1835	160-170	0.3144	471.3	100,100
180	0.1301	0.1291	0.1282	0.1265	0.1347	0.1267	0.1266	0.1200	170-180	0.0169	471.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-12-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121901
MFR.: EVERFINE	SUR.:	Shielding Angle:



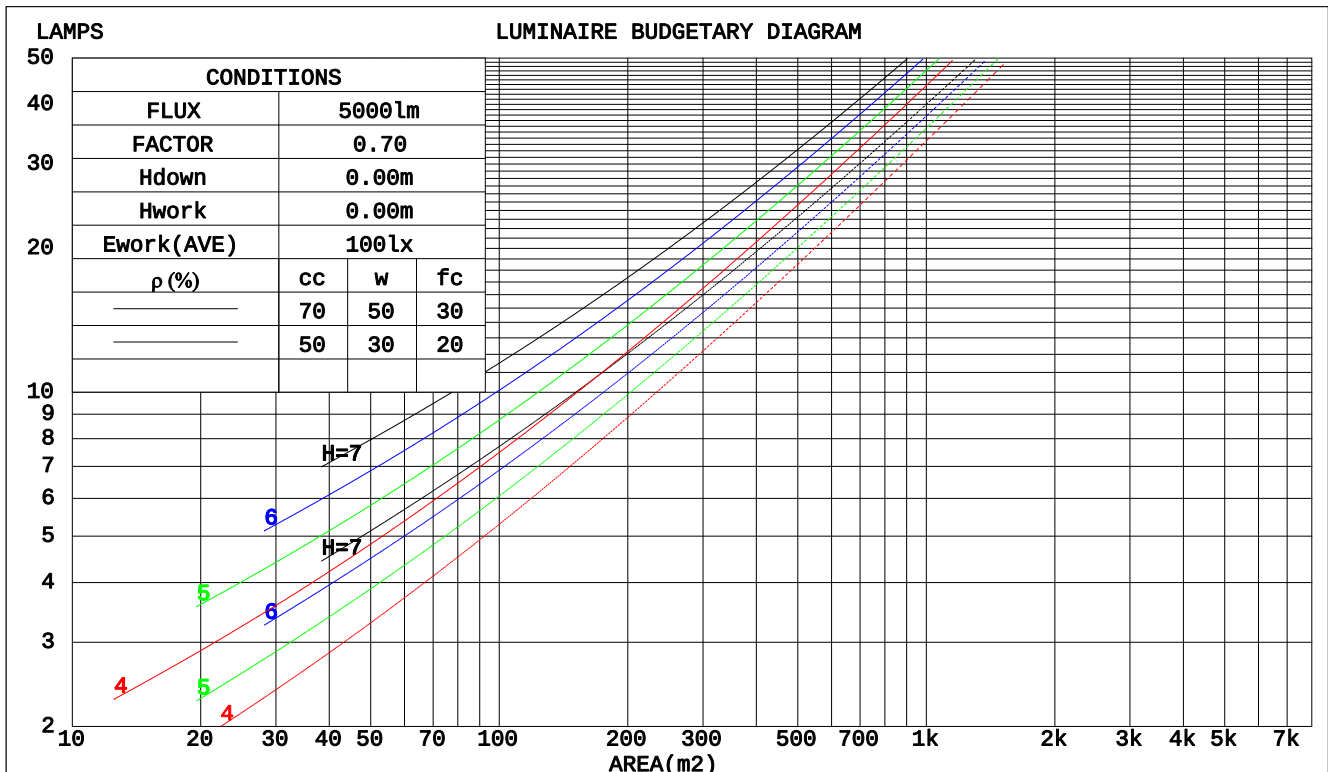
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-12-19

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 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.615m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121901
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						Coefficients of Utilization(CU)									
0.0	1.11	1.11	1.11	1.05	1.05	1.05	.93	.93	.93	.83	.83	.83	.73	.73	.73	.68
1.0	.90	.85	.79	.85	.80	.75	.75	.71	.67	.65	.62	.59	.57	.54	.52	.47
2.0	.76	.68	.61	.72	.64	.58	.63	.57	.52	.55	.50	.46	.47	.43	.40	.36
3.0	.66	.56	.49	.62	.53	.46	.54	.47	.41	.47	.41	.37	.40	.36	.32	.28
4.0	.57	.47	.40	.54	.45	.38	.47	.40	.34	.41	.35	.30	.35	.30	.26	.23
5.0	.50	.41	.33	.47	.38	.32	.41	.34	.28	.36	.30	.25	.31	.26	.22	.19
6.0	.45	.35	.28	.42	.33	.27	.37	.30	.24	.32	.26	.22	.28	.23	.19	.16
7.0	.40	.31	.24	.38	.29	.23	.33	.26	.21	.29	.23	.19	.25	.20	.16	.14
8.0	.36	.27	.21	.34	.26	.20	.30	.23	.18	.26	.21	.16	.23	.18	.14	.12
9.0	.33	.24	.19	.31	.23	.18	.28	.21	.16	.24	.18	.14	.21	.16	.13	.10
10.0	.30	.22	.17	.28	.21	.16	.25	.19	.14	.22	.17	.13	.19	.15	.11	.09



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-12-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121901
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	.420	.239	.076	.403	.230	.073	.371	.213	.068	.342	.197	.063	.314	.182	.059		
2.0	.353	.193	.059	.337	.186	.057	.308	.171	.053	.281	.158	.049	.257	.145	.046		
3.0	.308	.164	.049	.294	.158	.047	.268	.145	.044	.243	.133	.041	.221	.122	.038		
4.0	.275	.143	.042	.262	.137	.041	.238	.126	.038	.215	.116	.035	.194	.106	.032		
5.0	.248	.126	.037	.236	.121	.035	.214	.112	.033	.194	.102	.030	.174	.093	.028		
6.0	.226	.113	.032	.215	.109	.031	.195	.100	.029	.176	.091	.027	.158	.083	.025		
7.0	.208	.103	.029	.198	.099	.028	.179	.091	.026	.162	.083	.024	.145	.075	.022		
8.0	.192	.094	.026	.183	.090	.025	.166	.083	.024	.149	.076	.022	.134	.069	.020		
9.0	.178	.086	.024	.170	.083	.023	.154	.076	.022	.139	.070	.020	.125	.063	.018		
10.0	.166	.080	.022	.159	.077	.021	.144	.070	.020	.130	.064	.018	.116	.059	.017		

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	.434	.434	.434	.371	.371	.371	.253	.253	.253	.146	.146	.146	.047	.047	.047	
1.0	.434	.401	.372	.371	.344	.320	.254	.237	.221	.146	.137	.129	.047	.044	.042	
2.0	.428	.379	.338	.367	.327	.292	.251	.226	.204	.145	.131	.120	.046	.043	.039	
3.0	.421	.364	.318	.361	.314	.276	.248	.218	.193	.143	.127	.114	.046	.041	.037	
4.0	.413	.352	.305	.355	.304	.265	.244	.212	.186	.141	.124	.110	.045	.040	.036	
5.0	.406	.342	.296	.348	.296	.257	.240	.207	.182	.139	.121	.108	.045	.040	.035	
6.0	.398	.335	.289	.342	.290	.252	.236	.203	.178	.137	.119	.106	.044	.039	.035	
7.0	.391	.328	.284	.336	.285	.248	.232	.200	.176	.135	.118	.105	.044	.038	.035	
8.0	.384	.323	.281	.331	.280	.245	.229	.197	.174	.133	.116	.103	.043	.038	.034	
9.0	.378	.318	.278	.326	.276	.242	.226	.194	.172	.131	.115	.103	.043	.038	.034	
10.0	.372	.314	.276	.321	.273	.241	.223	.192	.171	.130	.114	.102	.042	.037	.034	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-12-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: Dropa						TYPE:			WEIGHT:		
SPEC.:						DIM.:			SERIAL No.:A2020121901		
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		13.5	14.8	14.2	15.5	16.3	13.6	14.9	14.3	15.6	16.4
3H		16.3	17.5	17.0	18.2	19.1	16.4	17.6	17.1	18.3	19.2
4H		17.9	19.0	18.6	19.7	20.6	18.0	19.1	18.7	19.9	20.8
6H		19.6	20.6	20.3	21.4	22.3	19.8	20.8	20.5	21.6	22.5
8H		20.6	21.6	21.3	22.4	23.3	20.8	21.8	21.5	22.5	23.5
12H		21.7	22.7	22.5	23.5	24.4	21.9	22.9	22.7	23.7	24.6
4H 2H		14.4	15.5	15.1	16.3	17.2	14.5	15.6	15.2	16.3	17.2
3H		17.4	18.3	18.1	19.1	20.1	17.5	18.4	18.2	19.2	20.2
4H		19.1	20.0	19.9	20.8	21.7	19.2	20.1	20.0	20.9	21.9
6H		21.0	21.8	21.8	22.6	23.6	21.1	21.9	21.9	22.7	23.7
8H		22.1	22.8	22.9	23.6	24.7	22.2	23.0	23.0	23.8	24.8
12H		23.3	24.0	24.2	24.9	25.9	23.5	24.2	24.3	25.0	26.1
8H 4H		19.7	20.5	20.5	21.3	22.3	19.8	20.6	20.6	21.4	22.4
6H		21.9	22.6	22.8	23.4	24.5	22.0	22.7	22.9	23.5	24.6
8H		23.2	23.8	24.1	24.6	25.7	23.3	23.9	24.2	24.8	25.8
12H		24.7	25.2	25.6	26.1	27.2	24.8	25.3	25.7	26.2	27.3
12H 4H		19.9	20.6	20.7	21.4	22.5	20.0	20.7	20.8	21.5	22.6
6H		22.2	22.8	23.1	23.7	24.7	22.3	22.9	23.2	23.8	24.8
8H		23.6	24.1	24.5	25.0	26.1	23.7	24.2	24.6	25.1	26.2
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117, 471.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.6)
Area: 0.1 m2

C Range: 0 - 360DEG
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Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121901
MFR.: EVERFINE	SUR.:	Shielding Angle:

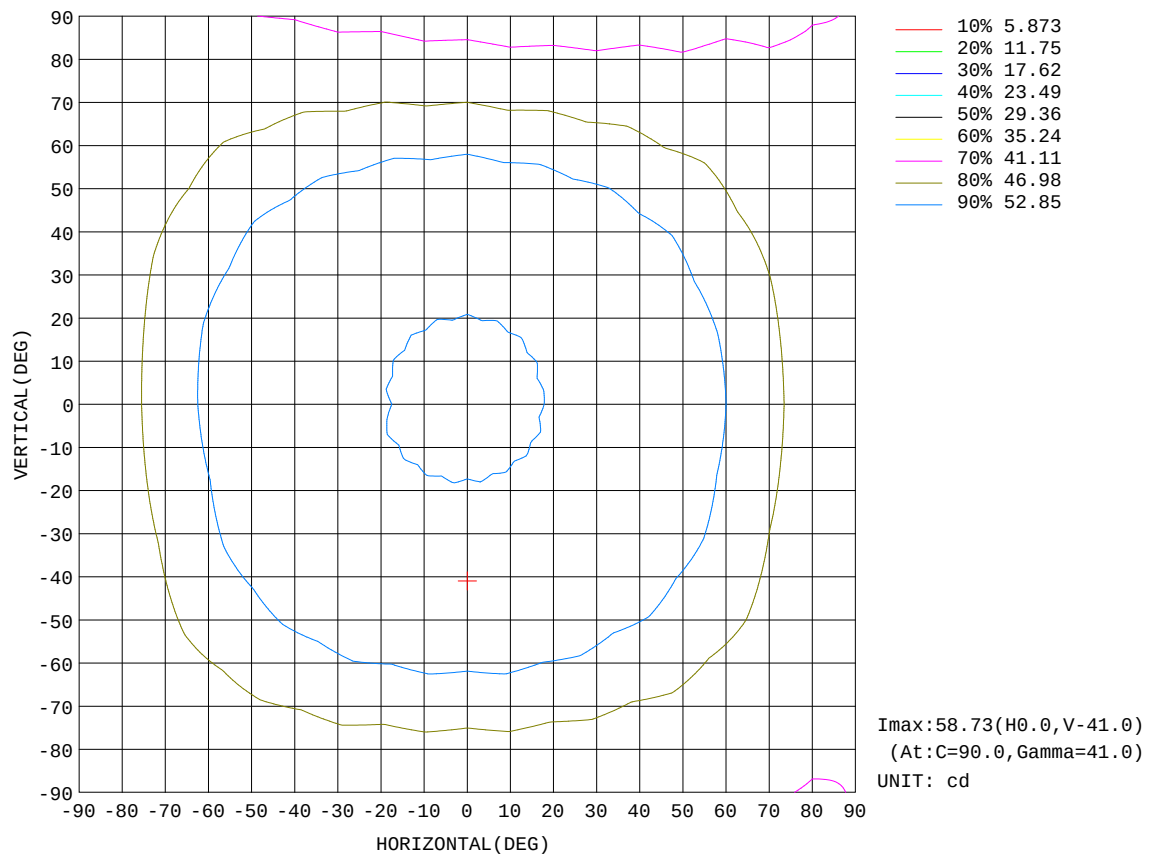
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	40	28	20	39	27	20	37	26	19	12
0.80	49	35	27	47	34	26	44	32	25	17
1.00	57	43	34	54	41	33	50	41	31	21
1.25	64	50	40	61	48	39	55	44	37	25
1.50	69	55	46	65	53	44	59	49	41	29
2.00	77	64	55	73	61	53	65	56	49	34
2.50	82	70	61	77	67	58	69	60	54	38
3.00	86	75	66	81	71	63	72	64	58	41
4.00	91	81	74	86	77	70	76	70	64	45
5.00	94	86	79	89	81	75	79	73	68	48
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

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 γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121901
MFR.: EVERFINE	SUR.:	Shielding Angle:

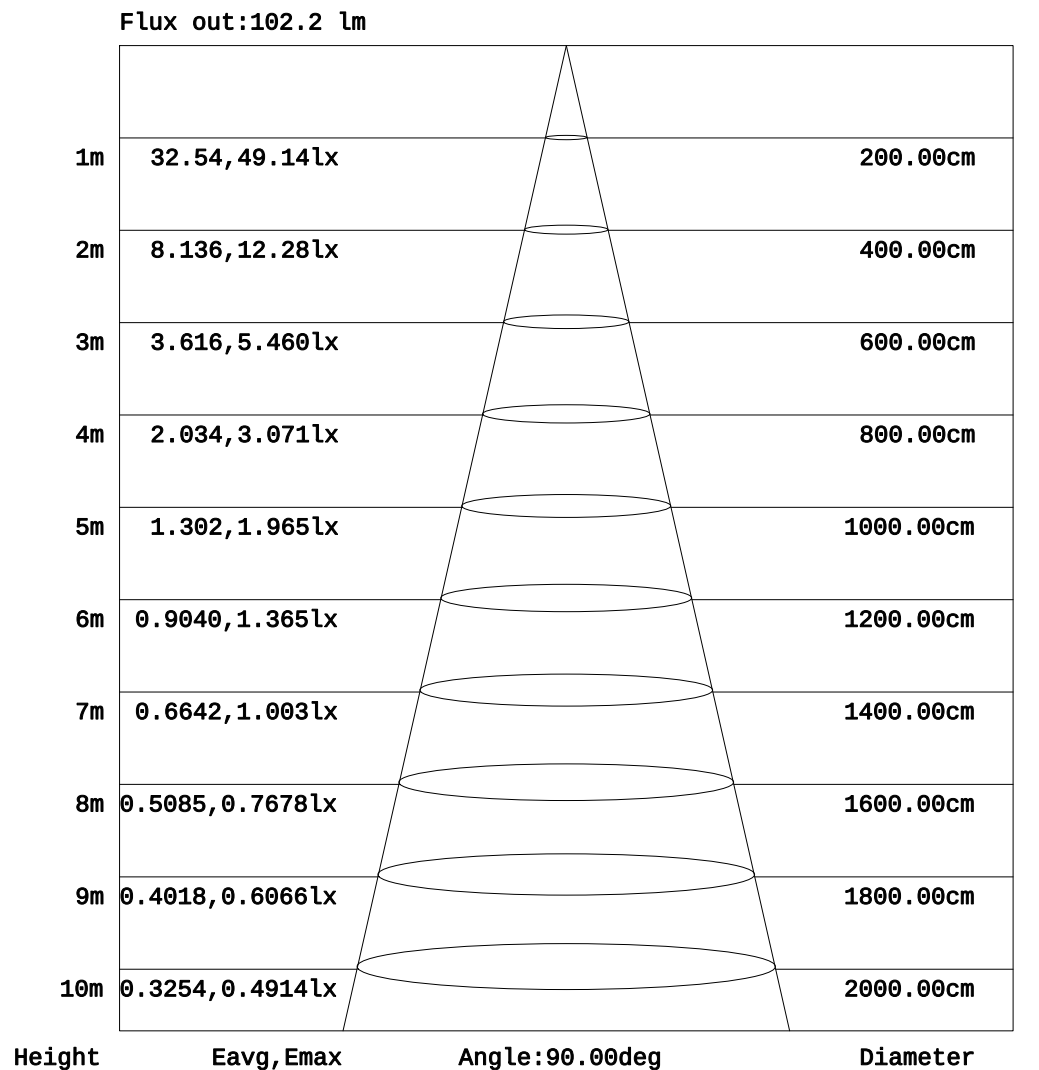


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AAI Figure

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121901
MFR.: EVERFINE	SUR.:	Shielding Angle:



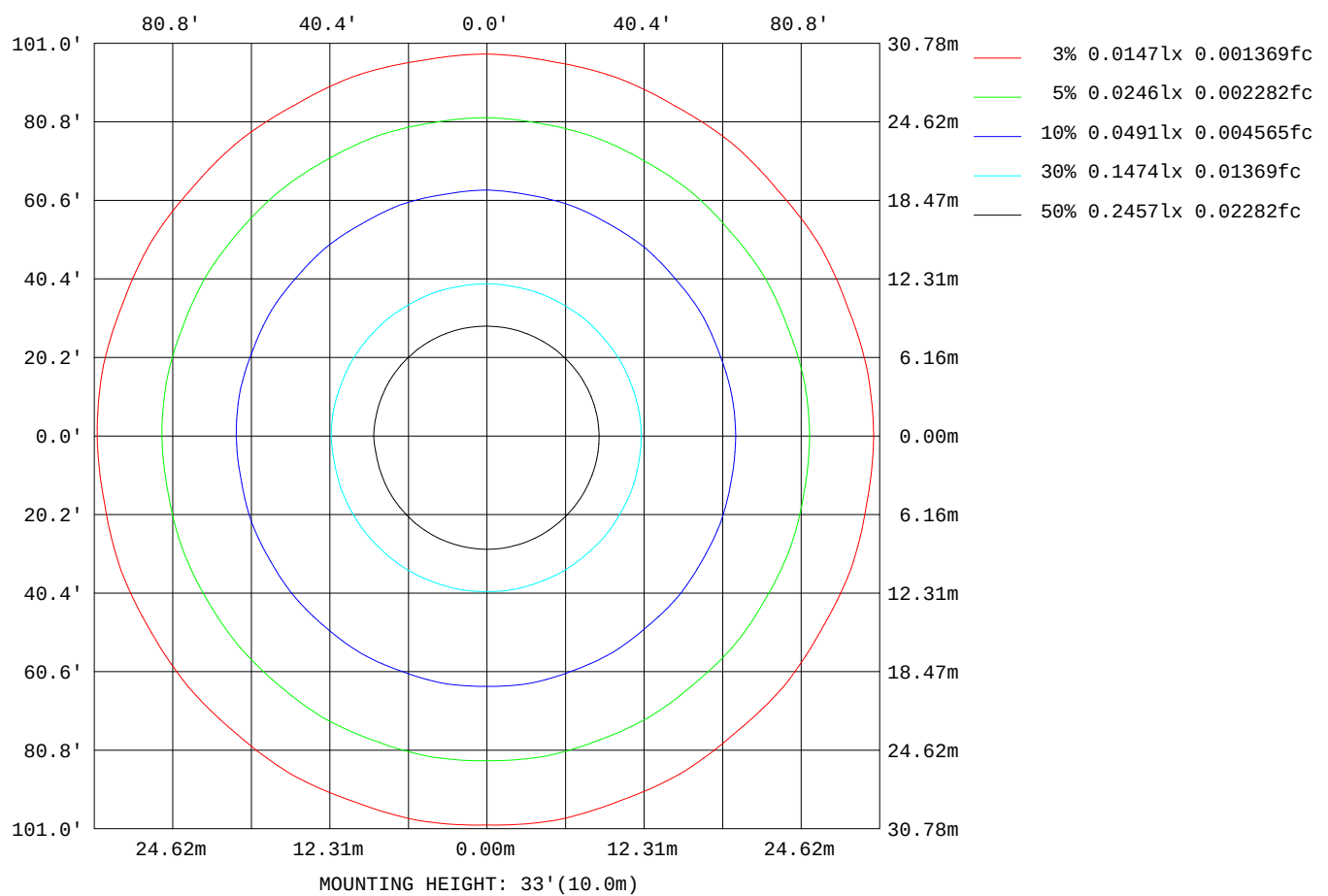
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

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SPEC.:	DIM.:	SERIAL No.:A2020121901
MFR.: EVERFINE	SUR.:	Shielding Angle:



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Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
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Remarks:

LED Avg.L Report

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121901
MFR.: EVERFINE	SUR.:	Shielding Angle:

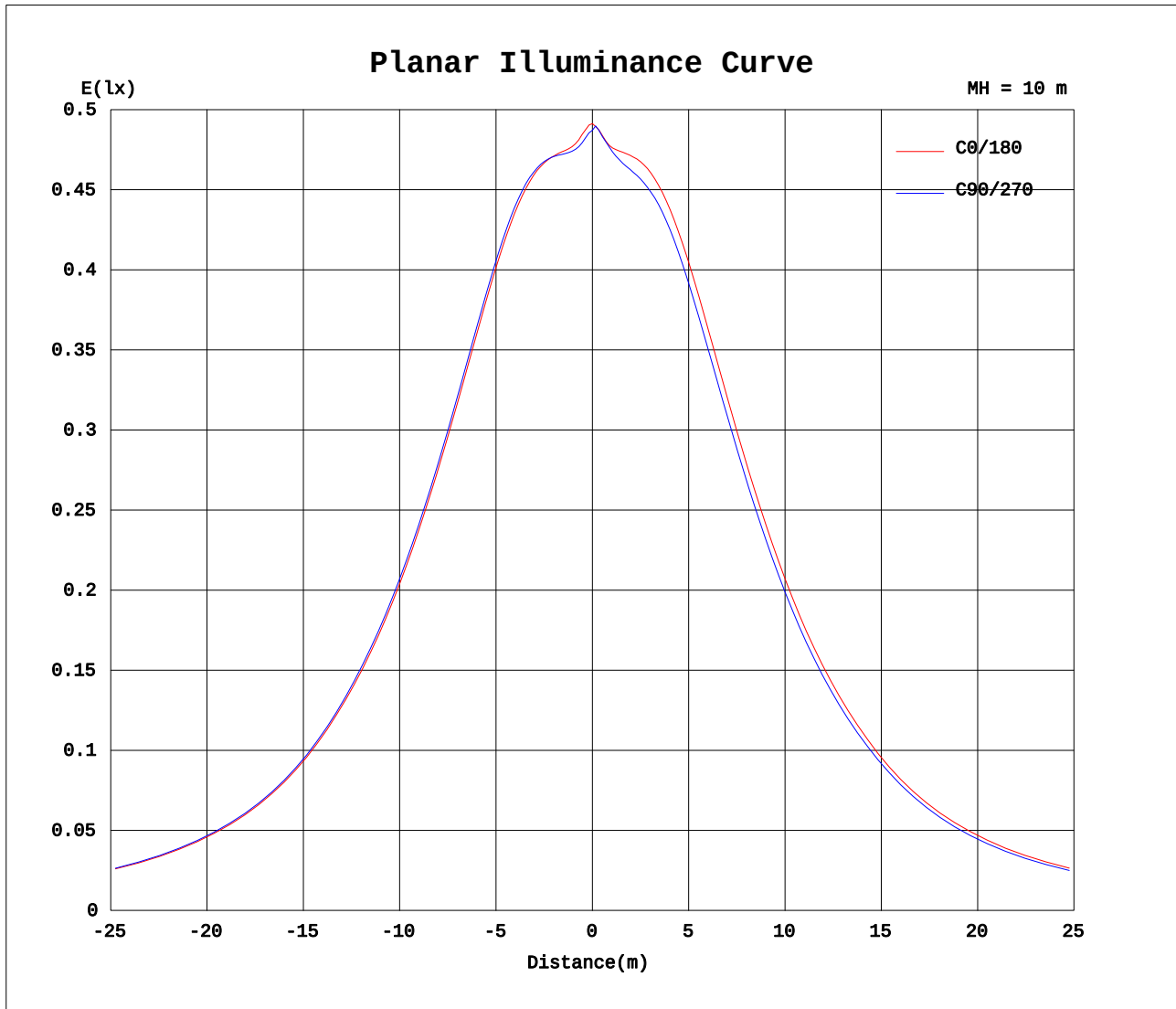
AvgL	cd/m2
L_0~180(65)av	1211
L_0~180(75)av	1805
L_0~180(85)av	4977
L_90~270(65)av	1191
L_90~270(75)av	1769
L_90~270(85)av	4874
L_45(65)av	1193
L_45(75)av	1774
L_45(85)av	4891

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-12-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-12-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
 Humidity: 65.0%
 Test Distance: 1.615m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121901
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	49.1	48.9	49.0	48.7	49.0	48.7	49.0	48.7	49.0	48.7	48.9	48.7	48.8	48.7	48.8	48.8	48.8	48.8	49.1
5	48.4	48.4	48.2	48.3	48.1	48.2	48.1	48.1	48.1	48.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	47.9	48.3
10	49.5	49.8	49.3	49.7	49.2	49.7	49.2	49.6	49.1	49.4	48.9	49.2	48.7	49.1	48.7	49.1	48.6	48.9	49.5
15	51.6	52.0	51.4	51.9	51.4	51.9	51.4	51.9	51.2	51.7	51.1	51.5	50.9	51.4	50.8	51.2	50.6	51.0	51.7
20	53.8	54.2	53.7	54.2	53.7	54.2	53.7	54.2	53.7	54.2	53.6	54.0	53.4	53.8	53.1	53.6	53.0	53.4	54.0
25	55.6	56.0	55.6	56.0	55.6	56.0	55.7	56.2	55.8	56.2	55.7	56.0	55.5	55.8	55.3	55.6	55.1	55.3	56.0
30	56.9	57.1	56.9	57.2	57.0	57.3	57.2	57.5	57.3	57.6	57.2	57.4	57.1	57.2	56.8	57.0	56.6	56.7	57.5
35	57.6	57.8	57.7	57.8	57.8	58.0	58.0	58.3	58.2	58.4	58.2	58.2	58.0	58.1	57.8	57.8	57.6	57.6	58.3
40	57.9	58.0	58.0	58.0	58.1	58.2	58.4	58.6	58.7	58.7	58.6	58.6	58.5	58.4	58.2	58.2	58.0	57.9	58.7
45	57.7	57.7	57.8	57.7	58.0	57.9	58.3	58.3	58.6	58.6	58.6	58.5	58.5	58.3	58.2	58.1	58.0	57.9	58.6
50	57.0	56.8	57.1	56.9	57.3	57.1	57.7	57.6	58.0	57.9	58.1	57.8	58.0	57.7	57.7	57.5	57.6	57.3	58.0
55	55.3	54.9	55.4	55.0	55.7	55.2	56.0	55.7	56.5	56.1	56.6	56.1	56.6	56.1	56.5	56.1	56.4	56.0	56.6
60	52.9	52.5	53.1	52.7	53.3	52.9	53.7	53.4	54.1	53.7	54.2	53.6	54.2	53.7	54.1	53.6	54.0	53.4	54.0
65	50.7	50.5	51.0	50.7	51.2	50.8	51.6	51.3	51.9	51.6	52.0	51.5	52.0	51.5	51.8	51.4	51.7	51.1	51.7
70	48.7	48.4	49.0	48.6	49.3	48.8	49.6	49.3	50.0	49.6	50.1	49.6	50.1	49.6	49.8	49.5	49.7	49.2	49.8
75	46.2	45.9	46.5	46.1	46.8	46.3	47.1	46.8	47.5	47.0	47.6	47.0	47.7	47.1	47.4	46.9	47.3	46.7	47.2
80	44.1	44.0	44.4	44.3	44.7	44.5	45.0	44.9	45.4	45.1	45.4	45.1	45.5	45.0	45.2	44.9	45.1	44.6	45.1
85	42.8	42.7	43.1	43.0	43.5	43.3	43.8	43.7	44.2	43.9	44.2	43.9	44.3	43.9	43.9	43.8	43.8	43.5	44.0
90	41.2	40.8	41.5	41.2	42.0	41.7	42.4	42.3	42.8	42.5	42.8	42.5	42.9	42.5	42.6	42.4	42.5	42.1	42.6
95	37.9	37.4	38.5	38.2	39.5	39.3	40.4	40.3	41.0	40.7	41.2	40.8	41.3	40.8	41.0	40.7	40.9	40.5	41.0
100	34.5	34.0	35.2	35.2	36.7	36.8	38.2	38.2	39.0	38.7	39.3	38.9	39.4	38.9	39.1	38.8	39.1	38.7	39.1
105	31.1	30.5	31.9	32.1	33.8	34.2	35.7	35.8	36.8	36.5	37.2	36.7	37.3	36.8	37.1	36.7	37.1	36.6	37.0
110	27.6	26.9	28.5	28.7	30.7	31.2	33.0	33.0	34.2	33.9	34.7	34.1	34.9	34.2	34.7	34.2	34.7	34.1	34.5
115	24.0	23.3	24.9	25.3	27.4	28.0	29.9	30.0	31.2	30.9	31.8	31.2	32.0	31.3	31.9	31.3	31.9	31.3	31.6
120	20.4	19.6	21.0	21.9	24.1	24.7	26.7	26.8	28.2	27.8	28.7	28.1	28.9	28.2	28.9	28.3	28.9	28.3	28.6
125	16.9	16.0	17.4	17.8	20.8	21.5	23.5	23.6	25.0	24.6	25.6	24.9	25.8	25.1	25.7	25.2	25.8	25.1	25.4
130	13.5	12.6	14.0	14.2	17.4	18.3	20.2	20.4	21.7	21.4	22.3	21.7	22.5	21.8	22.6	22.0	22.6	22.0	22.2
135	10.4	9.53	10.9	11.2	13.3	14.8	17.0	17.1	18.4	18.0	19.0	18.4	19.2	18.5	19.3	18.7	19.4	18.7	18.9
140	7.68	6.85	8.08	8.50	10.0	11.3	13.7	13.8	15.1	14.7	15.7	15.0	15.9	15.2	16.0	15.4	16.1	15.4	15.6
145	5.29	4.56	5.66	6.08	7.33	8.36	10.5	10.6	11.8	11.4	12.3	11.7	12.5	11.8	12.8	12.1	12.9	12.2	12.3
150	3.24	2.65	3.54	3.85	4.93	5.68	7.49	7.54	8.57	8.18	9.04	8.46	9.26	8.67	9.51	8.88	9.63	9.01	9.04
155	1.60	1.20	1.77	1.95	2.83	3.34	4.74	4.67	5.56	5.14	5.93	5.40	6.15	5.57	6.36	5.78	6.52	5.91	5.92
160	0.57	0.45	0.70	0.78	1.31	1.53	2.41	2.27	2.92	2.54	3.14	2.74	3.36	2.91	3.54	3.03	3.65	3.16	3.13
165	0.21	0.18	0.23	0.25	0.39	0.45	0.78	0.67	0.97	0.78	1.09	0.88	1.22	0.97	1.31	1.05	1.40	1.12	1.05
170	0.17	0.17	0.18	0.18	0.21	0.23	0.29	0.29	0.35	0.29	0.35	0.28	0.36	0.32	0.37	0.31	0.36	0.30	0.24
175	0.15	0.16	0.15	0.15	0.15	0.16	0.17	0.16	0.17	0.15	0.17	0.18	0.19	0.16	0.16	0.16	0.18	0.16	0.11
180	0.13	0.13	0.12	0.14	0.13	0.13	0.12	0.13	0.13	0.13	0.13	0.12	0.12	0.13	0.12	0.12	0.12	0.12	0.13

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-12-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121901
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	48.9	49.0	48.7	49.0	48.7	49.0	48.7	49.0	48.7	48.9	48.7	48.8	48.7	48.8	48.8	48.8	48.8		
5	48.3	48.1	48.1	48.0	48.1	48.1	48.2	48.1	48.2	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3		
10	48.9	49.1	48.7	49.0	48.6	48.9	48.6	49.0	48.6	49.0	48.8	49.2	48.9	49.4	49.2	49.7	49.4		
15	50.9	51.3	50.6	51.0	50.4	50.9	50.4	50.9	50.4	50.9	50.6	51.2	50.8	51.5	51.2	51.9	51.5		
20	53.3	53.5	52.9	53.3	52.6	53.0	52.5	53.0	52.5	53.0	52.7	53.2	52.9	53.6	53.3	54.0	53.7		
25	55.3	55.5	54.9	55.1	54.6	54.8	54.4	54.6	54.3	54.6	54.4	54.8	54.7	55.2	55.1	55.7	55.6		
30	56.9	56.8	56.4	56.4	56.0	56.0	55.7	55.8	55.5	55.7	55.6	55.9	55.9	56.3	56.3	56.8	56.8		
35	57.8	57.7	57.3	57.2	56.8	56.7	56.4	56.4	56.2	56.2	56.2	56.4	56.5	56.8	57.0	57.4	57.5		
40	58.3	58.0	57.8	57.5	57.2	56.9	56.7	56.6	56.4	56.4	56.4	56.5	56.7	56.8	57.2	57.5	57.8		
45	58.3	57.9	57.7	57.3	57.1	56.7	56.6	56.3	56.3	56.0	56.1	56.1	56.4	56.4	56.9	57.1	57.5		
50	57.8	57.3	57.2	56.6	56.4	56.0	55.9	55.5	55.6	55.3	55.4	55.3	55.7	55.6	56.1	56.2	56.8		
55	56.7	55.9	56.0	55.1	55.2	54.4	54.7	54.0	54.3	53.6	54.0	53.5	54.1	53.7	54.5	54.3	55.1		
60	54.2	53.3	53.5	52.5	52.6	51.7	52.1	51.2	51.7	50.8	51.3	50.8	51.5	51.1	52.0	51.7	52.6		
65	51.8	50.9	51.1	50.1	50.1	49.2	49.6	48.7	49.1	48.3	48.8	48.3	49.1	48.7	49.7	49.5	50.4		
70	49.8	49.0	49.1	48.2	48.1	47.3	47.5	46.7	47.0	46.4	46.7	46.3	46.9	46.6	47.6	47.4	48.4		
75	47.4	46.4	46.6	45.6	45.7	44.7	45.0	44.1	44.5	43.8	44.3	43.8	44.4	44.1	45.0	44.9	45.9		
80	45.1	44.3	44.3	43.5	43.3	42.6	42.6	42.0	42.2	41.7	42.0	41.8	42.2	42.1	42.9	43.0	43.8		
85	43.8	43.2	43.0	42.4	42.1	41.5	41.4	41.0	41.0	40.7	40.8	40.7	41.1	41.0	41.7	41.8	42.5		
90	42.6	41.9	41.8	41.1	40.9	40.3	40.3	39.7	39.9	39.5	39.7	39.4	39.8	39.5	40.3	40.1	41.0		
95	41.0	40.3	40.3	39.6	39.4	38.8	38.8	38.2	38.4	37.9	38.0	37.5	37.7	36.9	37.6	36.9	37.8		
100	39.2	38.5	38.6	37.9	37.8	37.1	37.2	36.6	36.7	36.0	36.2	35.4	35.3	34.2	34.6	33.8	34.4		
105	37.3	36.5	36.7	35.9	35.9	35.2	35.4	34.7	34.8	34.0	34.1	33.1	32.9	31.5	31.6	30.6	31.1		
110	34.9	34.0	34.4	33.5	33.7	32.9	33.2	32.3	32.6	31.5	31.7	30.4	30.1	28.4	28.5	27.1	27.6		
115	32.1	31.2	31.7	30.8	31.1	30.2	30.6	29.6	29.9	28.8	28.9	27.5	27.1	25.3	25.2	23.7	24.0		
120	29.1	28.2	28.8	27.8	28.2	27.3	27.7	26.8	27.1	25.9	26.0	24.5	24.1	22.1	22.0	20.3	20.4		
125	26.0	25.1	25.7	24.8	25.2	24.4	24.8	23.8	24.1	23.0	23.0	21.6	21.1	19.0	18.7	17.1	17.0		
130	22.8	22.0	22.5	21.7	22.2	21.3	21.8	20.8	21.1	20.0	20.0	18.5	18.1	16.0	15.7	14.0	13.7		
135	19.5	18.7	19.4	18.6	19.1	18.2	18.7	17.8	18.1	16.9	17.0	15.5	15.1	13.1	12.7	10.9	10.6		
140	16.3	15.5	16.1	15.3	15.9	15.1	15.6	14.6	15.0	13.9	14.0	12.6	12.2	10.2	9.81	8.16	7.86		
145	13.0	12.2	12.9	12.1	12.7	11.9	12.5	11.6	11.9	10.9	11.0	9.62	9.38	7.59	7.15	5.65	5.42		
150	9.71	9.01	9.66	8.96	9.59	8.81	9.38	8.51	8.93	7.96	7.80	5.84	6.72	5.17	4.76	3.47	3.36		
155	6.57	5.91	6.55	5.88	6.54	5.81	6.36	5.57	6.02	5.17	4.86	3.18	4.18	3.01	2.69	1.73	1.73		
160	3.69	3.14	3.70	3.14	3.68	3.07	3.55	2.92	3.35	2.69	2.84	1.75	1.95	1.30	1.13	0.59	0.63		
165	1.35	0.76	1.24	0.87	1.22	0.74	1.19	0.94	1.21	0.82	1.00	0.61	0.60	0.29	0.27	0.16	0.17		
170	0.25	0.23	0.28	0.25	0.23	0.23	0.28	0.26	0.28	0.25	0.26	0.22	0.21	0.16	0.14	0.13	0.12		
175	0.12	0.11	0.14	0.13	0.14	0.13	0.13	0.12	0.13	0.11	0.11	0.10	0.11	0.11	0.11	0.10	0.11		
180	0.12	0.12	0.12	0.13	0.12	0.12	0.12	0.13	0.13	0.12	0.12	0.13	0.12	0.12	0.13	0.12	0.12		

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2020-12-19

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity:65.0%
Test Distance:1.615m [K=1.0000]
Remarks: