

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

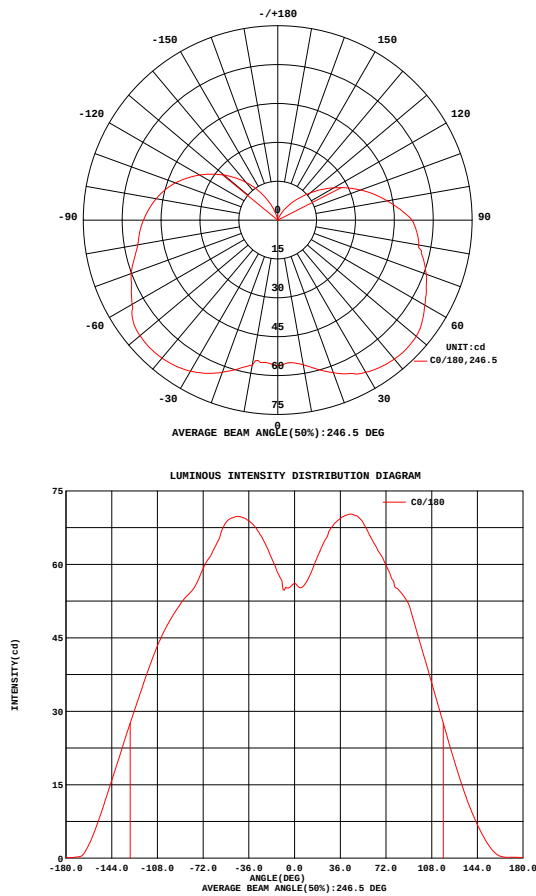


Fig. C0/C180

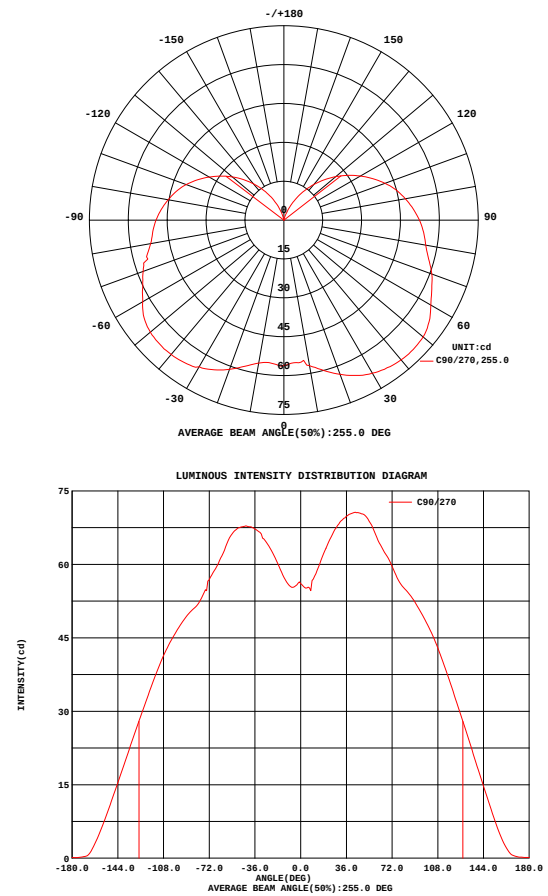


Fig. C90/C270

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

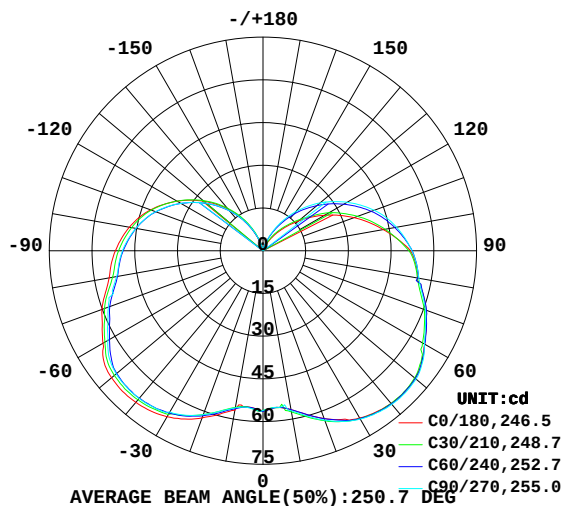
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
Test Distance: 1.615m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

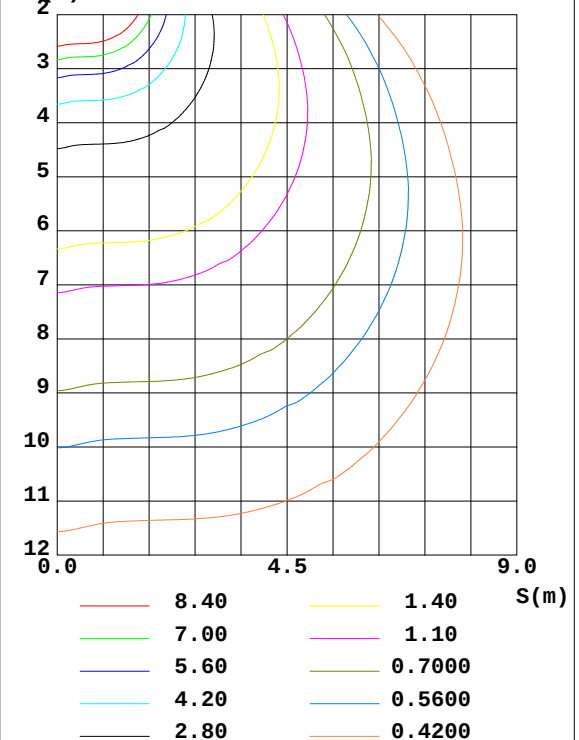
NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121902
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 64.12 lm/W
MODEL	6500K	I _{max} (cd)	70.70	S/MH(C0/180)	1.83	
NOMINAL POWER(W)	8.96	LOR(%)	100.0	S/MH(C90/270)	1.79	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	574.97	η UP, DN(C0-180)	16.3, 34.3	
NOMINAL FLUX(lm)	574.968	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	16.1, 33.4	
LAMPS INSIDE	1	η up(%)	32.3	CIBSE SHR NOM	2.00	
TEST VOLTAGE(V)	230	η down(%)	67.7	CIBSE SHR MAX	2.00	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
C Interval: 10.00DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-12-19

γ Range: 0 - 180DEG
γ Interval: 1.00DEG
Test System: EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
Humidity: 65.0%
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Remarks:

ZONAL FLUX DIAGRAM

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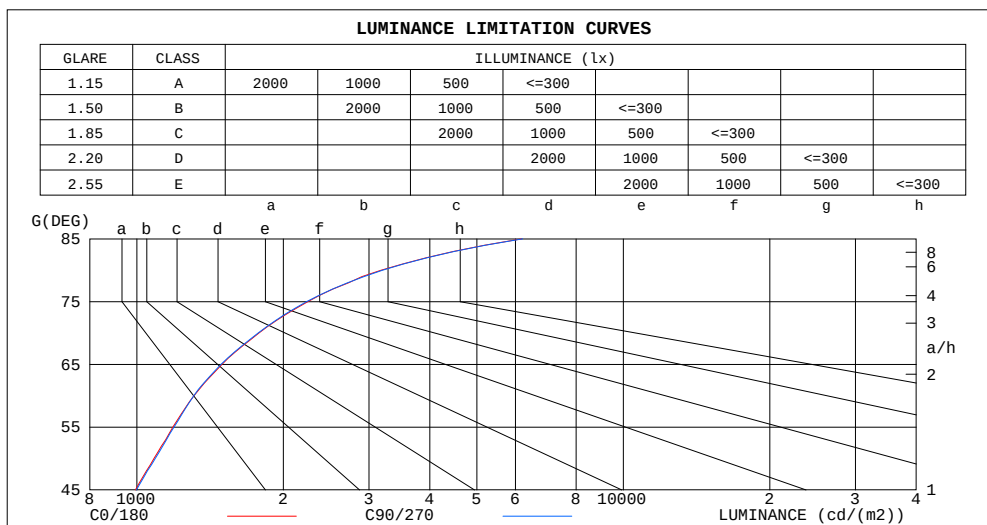
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	56.67	57.03	57.01	56.46	56.82	56.09	56.02	56.96	0- 10	5.316	5.316	0.92,0.92
20	62.66	63.12	63.27	62.40	62.44	61.35	61.28	62.81	10- 20	16.93	22.25	3.87,3.87
30	67.78	68.05	68.21	67.70	67.30	65.81	65.35	67.47	20- 30	30.18	52.43	9.12,9.12
40	70.01	70.11	70.38	69.94	69.48	67.77	67.67	69.40	30- 40	43.07	95.50	16.6,16.6
50	69.72	69.62	70.15	69.84	69.38	67.34	67.26	68.95	40- 50	53.74	149.2	26,26
60	65.55	65.16	65.49	65.62	64.92	62.90	62.88	64.19	50- 60	60.26	209.5	36.4,36.4
70	60.96	60.60	60.73	60.99	60.18	58.03	57.79	59.20	60- 70	61.63	271.1	47.2,47.2
80	55.19	55.15	55.58	55.67	54.85	52.59	52.20	53.73	70- 80	60.27	331.4	57.6,57.6
90	51.80	51.87	52.29	52.48	51.84	49.78	49.35	50.43	80- 90	57.71	389.1	67.7,67.7
100	42.94	45.35	47.62	48.11	47.65	45.95	45.35	44.01	90-100	53.06	442.2	76.9,76.9
110	34.03	38.02	41.57	42.45	42.03	40.81	40.14	36.88	100-110	45.33	487.5	84.8,84.8
120	24.98	29.86	34.10	35.16	34.83	34.03	33.31	28.96	110-120	35.53	523.0	91,91
130	16.37	21.59	26.15	27.32	27.08	26.65	25.97	21.20	120-130	25.15	548.2	95.3,95.3
140	9.211	12.85	17.98	19.18	19.02	18.96	18.38	13.85	130-140	15.65	563.8	98.1,98.1
150	3.841	6.384	9.962	11.14	11.03	11.26	10.90	7.267	140-150	7.979	571.8	99.4,99.4
160	0.6634	1.701	3.070	3.953	3.823	4.141	4.058	1.945	150-160	2.762	574.6	99.9,99.9
170	0.1892	0.2528	0.3346	0.4110	0.2876	0.2911	0.3585	0.2165	160-170	0.3825	574.9	100,100
180	0.1384	0.1405	0.1472	0.1352	0.1456	0.1405	0.1357	0.1324	170-180	0.0195	575.0	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.:A2020121902
MFR.: EVERFINE	SUR.:	Shielding Angle:



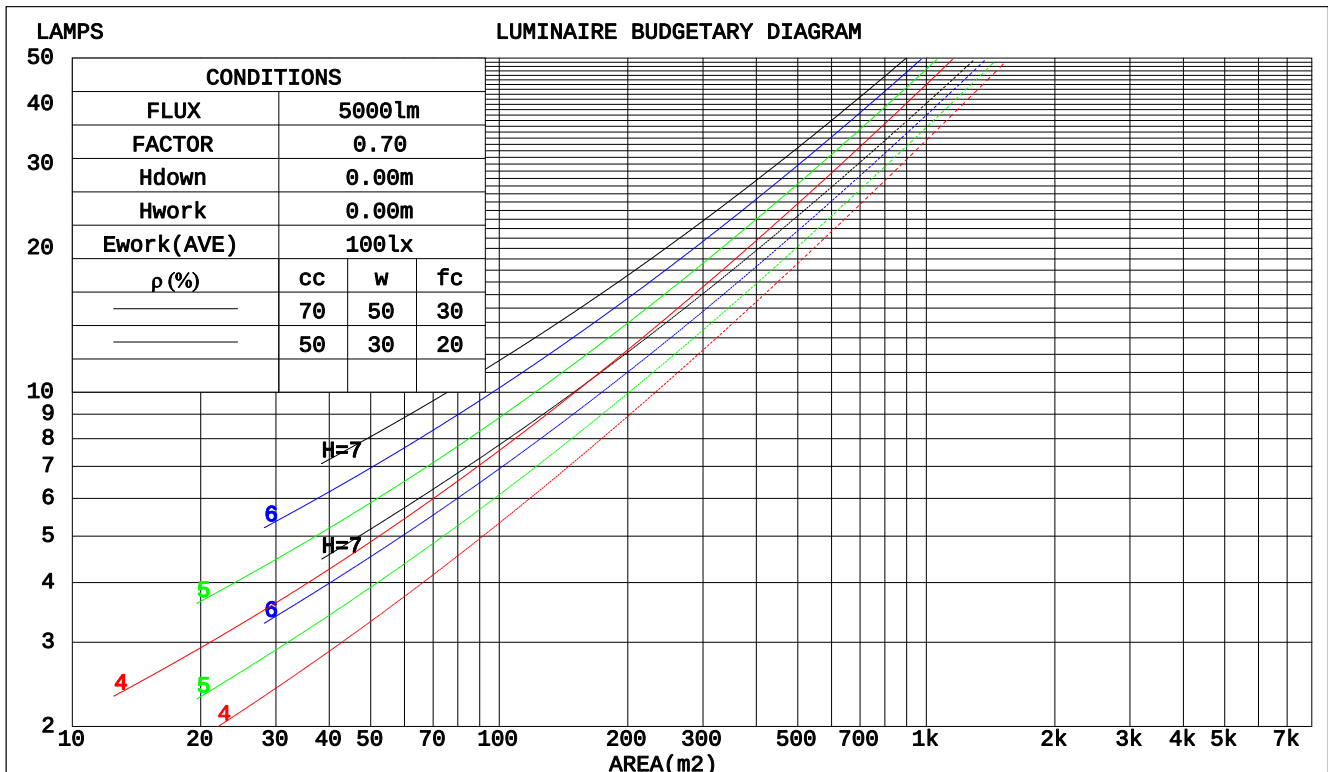
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 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121902
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	.82	.82	.82	.72	.72	.72	.68
1.0	.90	.84	.79	.85	.79	.75	.74	.70	.66	.65	.62	.59	.56	.54	.51	.47
2.0	.76	.68	.61	.71	.64	.57	.62	.56	.51	.54	.49	.45	.47	.43	.40	.35
3.0	.65	.56	.48	.61	.53	.46	.54	.47	.41	.46	.41	.36	.40	.35	.32	.28
4.0	.57	.47	.40	.53	.44	.38	.47	.39	.34	.40	.34	.30	.35	.30	.26	.22
5.0	.50	.40	.33	.47	.38	.31	.41	.34	.28	.36	.30	.25	.31	.26	.22	.19
6.0	.44	.35	.28	.42	.33	.27	.37	.29	.24	.32	.26	.21	.27	.22	.18	.16
7.0	.40	.31	.24	.37	.29	.23	.33	.26	.21	.29	.23	.18	.25	.20	.16	.13
8.0	.36	.27	.21	.34	.26	.20	.30	.23	.18	.26	.20	.16	.23	.18	.14	.12
9.0	.33	.24	.19	.31	.23	.18	.27	.21	.16	.24	.18	.14	.21	.16	.12	.10
10.0	.30	.22	.16	.28	.21	.16	.25	.19	.14	.22	.16	.13	.19	.14	.11	.09



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C Interval: 10.0DEG
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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:

WEC AND CCEC

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121902
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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.423	.240	.076	.405	.231	.073	.373	.214	.068	.344	.198	.064	.317	.184	.059		
2.0	.355	.194	.060	.339	.187	.058	.310	.172	.053	.283	.159	.050	.258	.146	.046		
3.0	.310	.165	.049	.296	.158	.048	.269	.146	.044	.244	.134	.041	.221	.123	.038		
4.0	.276	.143	.042	.263	.138	.041	.239	.127	.038	.216	.116	.035	.195	.106	.032		
5.0	.249	.127	.037	.237	.122	.035	.215	.112	.033	.194	.102	.030	.175	.093	.028		
6.0	.227	.114	.033	.216	.109	.031	.195	.100	.029	.176	.092	.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	.179	.086	.024	.170	.083	.023	.154	.076	.022	.139	.070	.020	.125	.063	.018		
10.0	.167	.080	.022	.159	.077	.021	.144	.071	.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	.437	.437	.437	.373	.373	.373	.255	.255	.255	.146	.146	.146	.047	.047	.047	
1.0	.436	.403	.374	.373	.346	.322	.255	.238	.222	.147	.138	.129	.047	.044	.042	
2.0	.431	.382	.340	.369	.328	.294	.253	.227	.205	.146	.132	.120	.047	.043	.039	
3.0	.423	.366	.320	.363	.316	.277	.249	.219	.195	.144	.128	.115	.046	.042	.038	
4.0	.416	.354	.307	.357	.306	.267	.245	.213	.188	.142	.125	.111	.046	.041	.037	
5.0	.408	.345	.298	.351	.298	.259	.241	.208	.183	.140	.122	.109	.045	.040	.036	
6.0	.401	.337	.291	.344	.292	.254	.238	.204	.180	.138	.120	.107	.044	.039	.035	
7.0	.394	.331	.287	.339	.287	.250	.234	.201	.177	.136	.118	.105	.044	.039	.035	
8.0	.387	.325	.283	.333	.282	.247	.230	.198	.175	.134	.117	.104	.043	.038	.035	
9.0	.381	.321	.280	.328	.278	.245	.227	.196	.174	.132	.116	.104	.043	.038	.034	
10.0	.375	.317	.278	.323	.275	.243	.224	.193	.172	.131	.114	.103	.042	.038	.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.:A2020121902		
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	13.6	14.8	14.2	15.5	16.4	13.6	14.9	14.3	15.6	16.4	
3H	16.4	17.6	17.1	18.3	19.2	16.4	17.6	17.1	18.3	19.2	
4H	18.0	19.1	18.7	19.8	20.7	18.0	19.1	18.8	19.9	20.8	
6H	19.7	20.8	20.5	21.6	22.5	19.8	20.8	20.5	21.6	22.5	
8H	20.7	21.8	21.5	22.5	23.5	20.8	21.8	21.5	22.6	23.5	
12H	21.9	22.9	22.7	23.7	24.6	22.0	22.9	22.7	23.7	24.7	
4H	2H	14.5	15.6	15.2	16.3	17.2	14.5	15.6	15.2	16.3	17.2
	3H	17.5	18.4	18.2	19.2	20.2	17.5	18.5	18.3	19.3	20.2
	4H	19.2	20.1	20.0	20.9	21.9	19.2	20.1	20.0	20.9	21.9
	6H	21.1	21.9	21.9	22.7	23.8	21.2	22.0	22.0	22.8	23.8
	8H	22.2	23.0	23.0	23.8	24.8	22.3	23.0	23.1	23.9	24.9
	12H	23.5	24.2	24.3	25.0	26.1	23.6	24.2	24.4	25.1	26.1
8H	4H	19.8	20.6	20.7	21.4	22.5	19.9	20.6	20.7	21.5	22.5
	6H	22.1	22.7	22.9	23.5	24.6	22.1	22.7	22.9	23.6	24.6
	8H	23.3	23.9	24.2	24.8	25.9	23.4	24.0	24.2	24.8	25.9
	12H	24.9	25.4	25.7	26.2	27.3	24.9	25.4	25.8	26.3	27.4
12H	4H	20.0	20.7	20.8	21.6	22.6	20.0	20.7	20.9	21.6	22.6
	6H	22.3	22.9	23.2	23.8	24.9	22.4	22.9	23.2	23.8	24.9
	8H	23.8	24.3	24.6	25.1	26.2	23.8	24.3	24.7	25.2	26.3
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, 575.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.9)
Area: 0.1 m2

C Range: 0 - 360DEG
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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:
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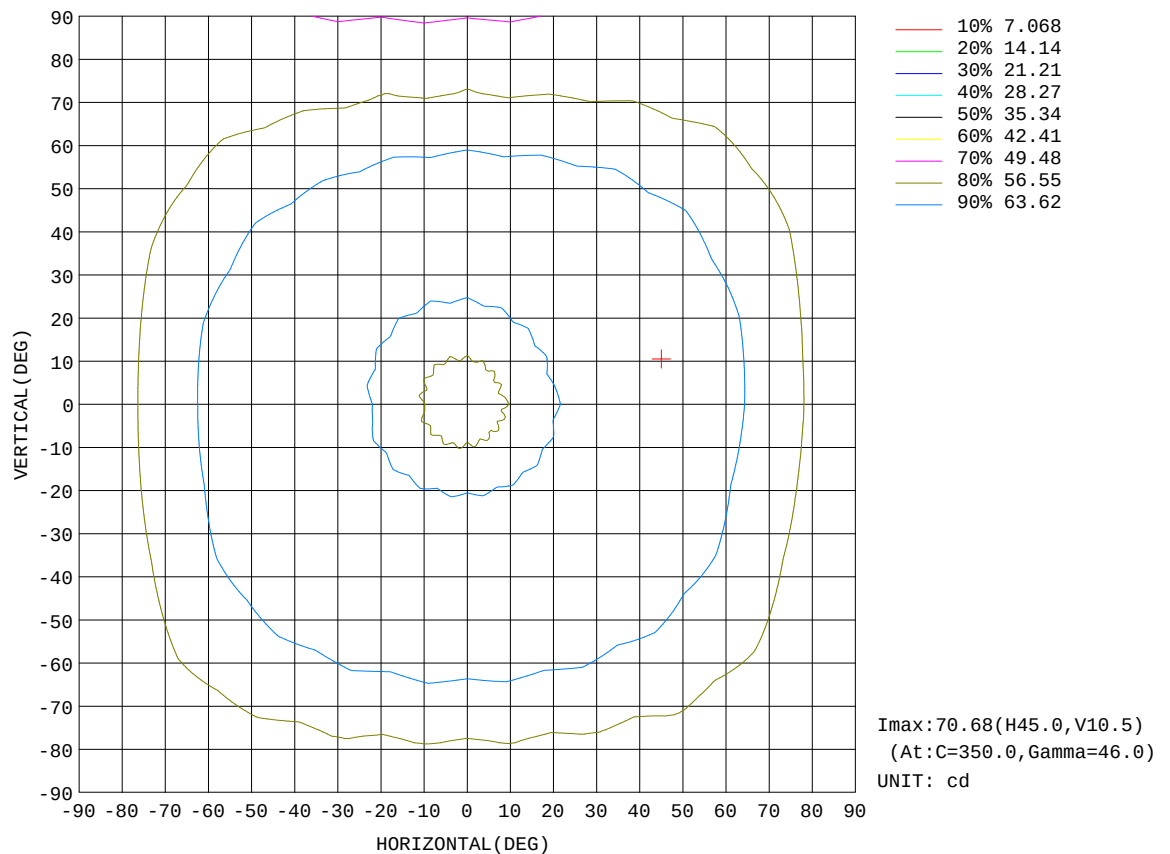
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	40	27	20	39	27	19	36	25	19	12
0.80	49	35	26	47	34	26	43	32	25	16
1.00	56	42	33	54	41	32	49	40	31	21
1.25	63	49	40	60	47	39	55	44	36	25
1.50	69	55	45	65	53	44	59	48	41	28
2.00	76	64	54	72	61	52	65	55	48	34
2.50	81	69	60	77	66	58	69	60	53	37
3.00	85	74	66	81	71	63	72	64	58	40
4.00	91	81	73	85	77	70	76	69	64	45
5.00	94	86	79	88	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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Test System:EVERFINE G0-R3000(2M2D) SYSTEM V2.00.416
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ISOCANDELA DIAGRAM

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121902
MFR.: EVERFINE	SUR.:	Shielding Angle:

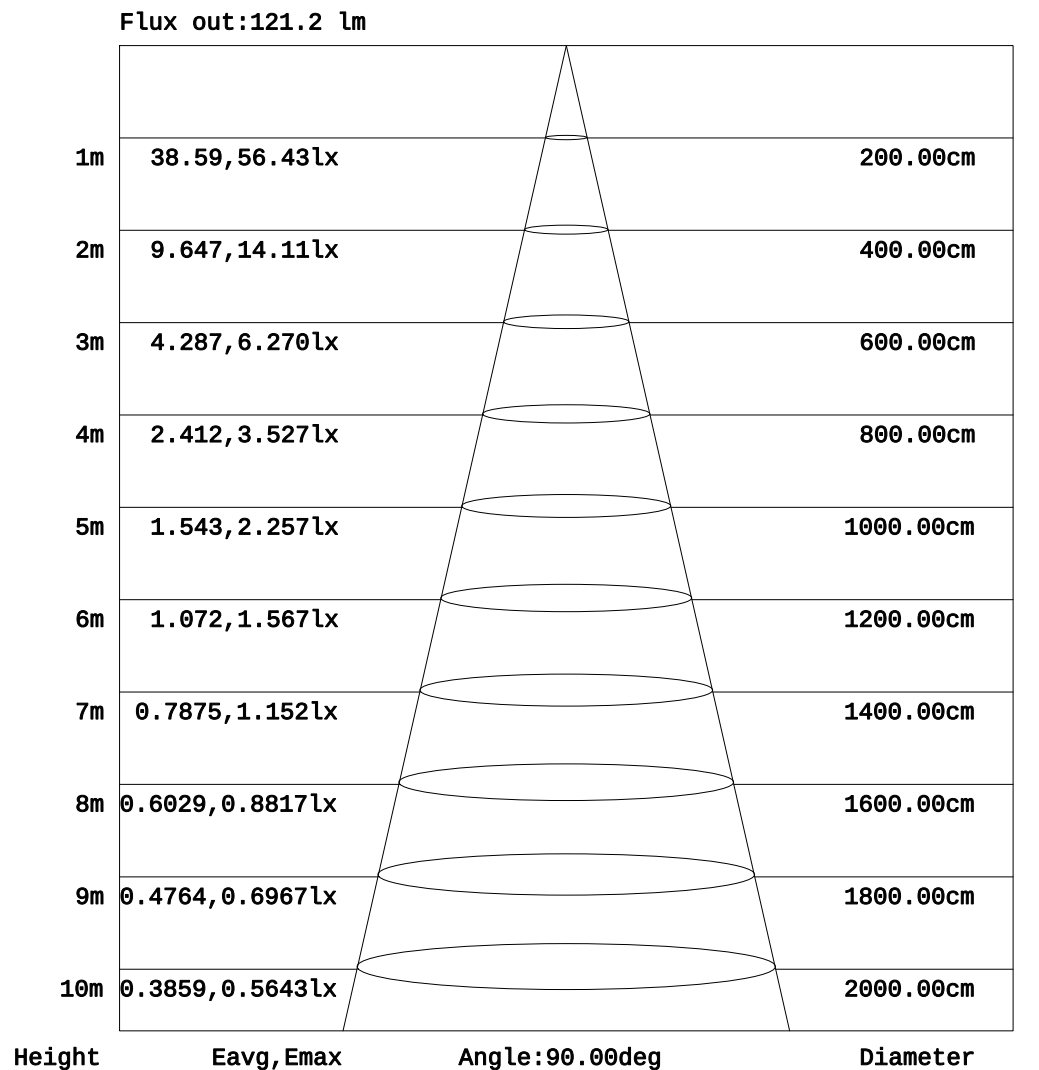


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Temperature: 25.3DEG
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AAI Figure

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121902
MFR.: EVERFINE	SUR.:	Shielding Angle:



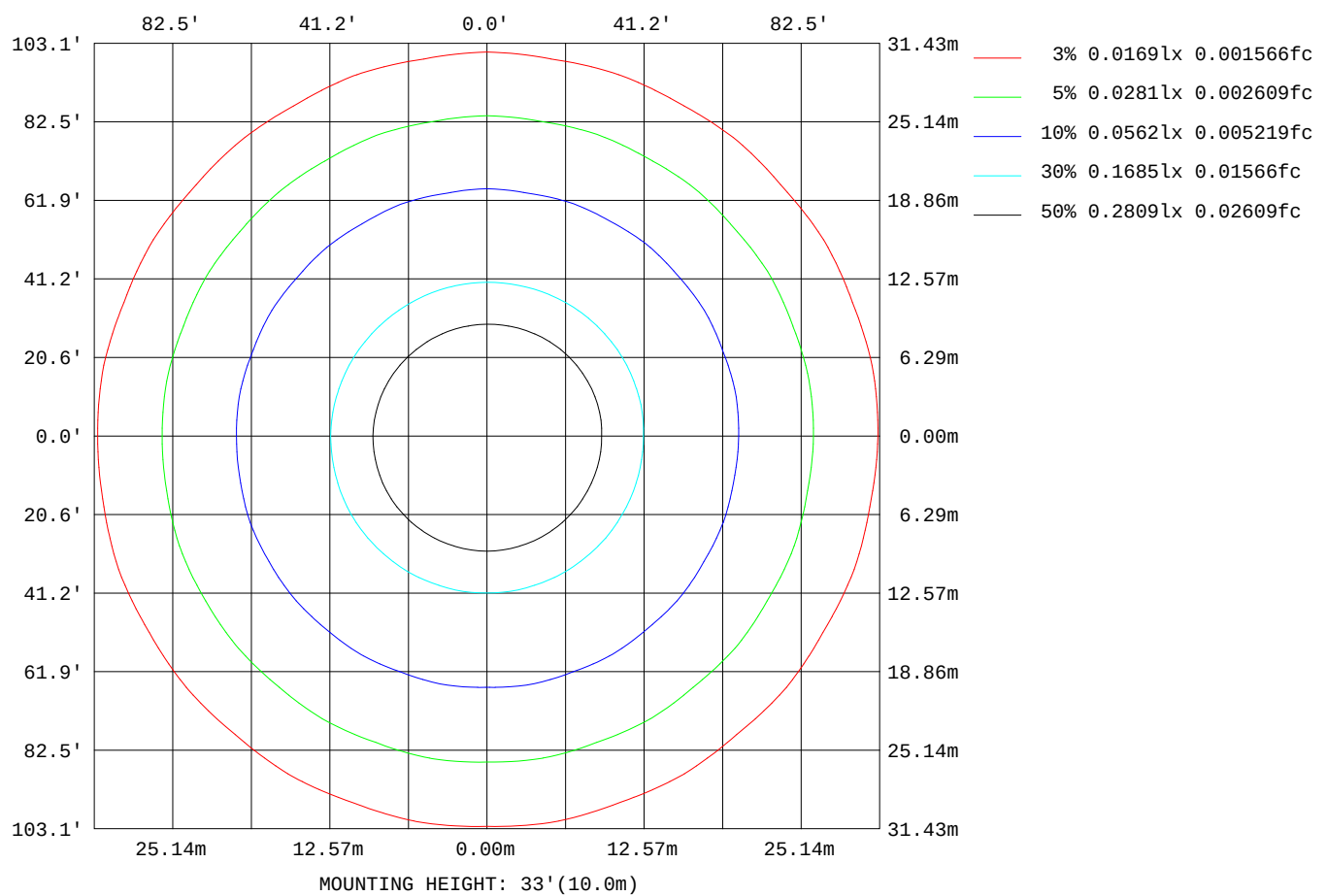
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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ISOLUX DIAGRAM

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LED Avg.L Report

NAME: Dropa	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:A2020121902
MFR.: EVERFINE	SUR.:	Shielding Angle:

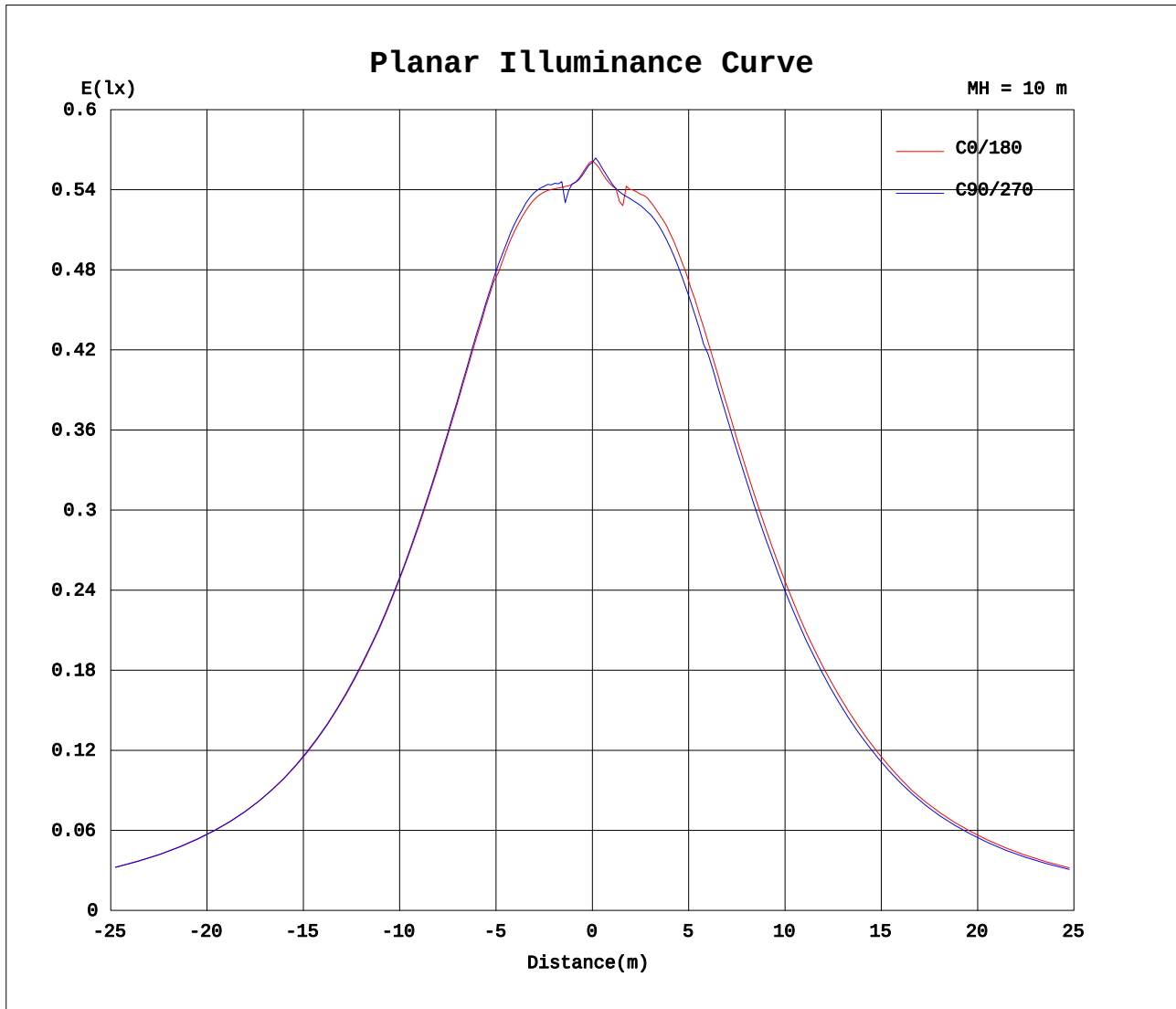
AvgL	cd/m2
L_0~180(65)av	1485
L_0~180(75)av	2231
L_0~180(85)av	6159
L_90~270(65)av	1455
L_90~270(75)av	2176
L_90~270(85)av	6016
L_45(65)av	1466
L_45(75)av	2195
L_45(85)av	6064

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.:A2020121902
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

γ (DEG) \ C (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	56.2	56.1	56.3	56.0	56.3	56.0	56.4	56.1	56.4	56.0	56.3	56.0	56.2	56.0	56.1	56.1	56.1	56.1	56.2
5	55.2	55.3	55.3	55.3	55.2	55.3	55.2	55.3	55.2	55.2	55.1	55.1	55.1	55.1	55.2	55.1	55.1	55.0	55.1
10	56.7	57.4	56.8	57.5	56.7	57.3	56.7	57.2	56.5	57.0	56.3	56.8	56.1	56.9	56.1	56.7	55.9	56.6	56.8
15	59.6	60.4	59.7	60.5	59.6	60.3	59.5	60.2	59.3	60.1	59.1	59.9	59.0	59.7	58.8	59.5	58.5	59.2	59.5
20	62.7	63.5	62.8	63.4	62.8	63.5	62.7	63.4	62.6	63.3	62.5	63.2	62.2	62.8	62.0	62.6	61.7	62.3	62.4
25	65.3	66.1	65.6	66.1	65.7	66.2	65.7	66.2	65.7	66.1	65.3	65.9	65.2	65.7	64.8	65.4	64.6	65.0	65.2
30	67.8	68.0	67.9	68.1	68.0	68.1	68.1	68.2	68.2	68.2	68.0	68.0	67.8	67.8	67.6	67.5	67.2	67.1	67.3
35	69.1	69.4	69.2	69.4	69.3	69.4	69.4	69.5	69.5	69.5	69.4	69.3	69.2	69.2	69.0	69.0	68.7	68.6	68.7
40	70.0	70.1	70.0	70.0	70.1	70.1	70.1	70.2	70.3	70.4	70.2	70.2	70.1	70.0	69.8	69.9	69.6	69.3	69.5
45	70.2	70.2	70.2	70.0	70.1	70.1	70.2	70.3	70.5	70.6	70.6	70.4	70.3	70.2	70.1	70.1	70.0	69.6	69.8
50	69.7	69.6	69.6	69.5	69.7	69.5	69.8	69.8	70.1	70.1	70.1	70.0	70.0	69.8	69.8	69.8	69.6	69.2	69.4
55	68.0	67.9	68.0	67.8	68.0	67.7	68.1	68.1	68.4	68.4	68.6	68.4	68.6	68.5	68.6	68.5	68.5	68.1	68.1
60	65.5	64.9	65.4	64.7	65.5	64.8	65.6	65.0	65.9	65.5	65.9	65.4	66.0	65.2	66.0	65.3	65.8	64.9	64.9
65	63.3	62.6	63.1	62.5	63.2	62.5	63.3	62.7	63.5	63.0	63.7	62.9	63.6	62.9	63.5	63.0	63.4	62.4	62.3
70	61.0	60.3	60.9	60.2	61.0	60.2	61.1	60.5	61.3	60.7	61.4	60.7	61.5	60.7	61.3	60.8	61.2	60.2	60.2
75	58.2	57.3	58.0	57.3	58.1	57.3	58.2	57.6	58.4	57.8	58.5	57.8	58.6	57.8	58.5	58.0	58.3	57.4	57.3
80	55.2	55.1	55.4	55.1	55.2	55.1	55.1	55.4	55.3	55.6	54.8	55.5	54.4	55.5	55.9	55.6	55.7	54.9	54.9
85	53.9	53.5	53.8	53.5	54.1	53.6	54.1	53.9	54.3	54.1	54.4	54.1	54.4	54.0	54.2	54.1	54.1	53.5	53.5
90	51.8	51.0	51.8	51.2	52.1	51.6	52.4	52.0	52.6	52.3	52.7	52.3	52.8	52.3	52.7	52.4	52.6	51.9	51.8
95	47.5	46.5	47.8	47.4	48.8	48.6	49.9	49.6	50.4	50.1	50.6	50.1	50.7	50.2	50.6	50.3	50.6	49.9	49.9
100	42.9	42.1	43.6	43.5	45.3	45.4	47.0	46.9	47.9	47.6	48.3	47.8	48.5	47.9	48.4	48.0	48.4	47.6	47.7
105	38.5	37.7	39.5	39.6	41.7	42.1	44.0	44.0	45.2	44.9	45.7	45.1	45.9	45.2	45.8	45.4	45.8	45.1	45.1
110	34.0	33.2	35.1	35.4	37.7	38.3	40.5	40.5	41.9	41.6	42.6	41.9	42.8	42.1	42.8	42.3	42.9	42.0	42.0
115	29.5	28.6	30.6	31.1	33.6	34.3	36.7	36.8	38.3	37.9	39.0	38.3	39.3	38.5	39.3	38.7	39.4	38.5	38.5
120	25.0	24.0	25.8	26.8	29.4	30.3	32.7	32.9	34.5	34.1	35.2	34.5	35.6	34.7	35.6	35.0	35.8	34.8	34.8
125	20.6	19.6	21.2	21.5	25.3	26.2	28.7	28.9	30.5	30.1	31.3	30.6	31.6	30.8	31.7	31.1	31.9	31.0	31.0
130	16.4	15.3	17.0	17.3	20.9	22.3	24.7	24.8	26.6	26.2	27.3	26.6	27.7	26.8	27.8	27.1	28.0	27.1	27.1
135	12.5	11.5	13.2	13.6	15.9	17.8	20.7	20.9	22.5	22.1	23.2	22.5	23.6	22.8	23.8	23.0	24.0	23.1	23.1
140	9.21	8.24	9.75	10.3	12.1	13.6	16.6	16.8	18.4	18.0	19.2	18.4	19.5	18.7	19.7	19.0	19.9	19.1	19.0
145	6.29	5.45	6.82	7.34	8.84	10.1	12.7	12.9	14.4	13.9	15.1	14.3	15.4	14.6	15.7	14.9	15.9	15.0	15.0
150	3.84	3.16	4.24	4.66	5.94	6.83	8.98	9.11	10.5	9.96	11.1	10.3	11.4	10.6	11.7	10.9	11.9	11.1	11.0
155	1.91	1.42	2.13	2.37	3.43	4.00	5.66	5.63	6.74	6.20	7.26	6.60	7.55	6.85	7.87	7.10	8.00	7.31	7.23
160	0.66	0.52	0.83	0.93	1.58	1.82	2.91	2.73	3.54	3.07	3.84	3.34	4.07	3.57	4.33	3.75	4.52	3.92	3.82
165	0.23	0.22	0.27	0.29	0.47	0.52	0.93	0.83	1.19	0.97	1.34	1.08	1.50	1.18	1.60	1.27	1.73	1.37	1.28
170	0.19	0.19	0.19	0.21	0.24	0.27	0.34	0.34	0.40	0.33	0.41	0.34	0.44	0.38	0.44	0.39	0.43	0.36	0.29
175	0.17	0.17	0.17	0.17	0.19	0.18	0.19	0.18	0.18	0.17	0.20	0.18	0.20	0.19	0.19	0.17	0.20	0.18	0.13
180	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.14	0.14	0.15	0.15	0.14	0.13	0.13	0.14	0.15	0.14	0.14	0.15

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.:A2020121902
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	56.1	56.3	56.0	56.3	56.0	56.4	56.1	56.4	56.0	56.3	56.0	56.2	56.0	56.2	56.1	56.1	56.1		
5	55.2	55.1	55.2	55.1	55.3	55.2	55.3	55.2	55.4	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5		
10	55.9	56.7	55.8	56.4	55.8	56.3	55.9	56.5	56.0	56.8	56.2	56.9	56.5	57.4	56.9	57.6	57.0		
15	58.5	59.1	58.3	59.0	58.1	58.9	58.1	59.0	58.4	59.3	58.8	59.8	59.2	60.2	59.7	60.6	60.0		
20	61.6	62.1	61.2	61.7	61.0	61.7	61.0	61.8	61.3	62.1	61.7	62.6	62.3	63.4	62.8	63.8	63.1		
25	64.3	64.7	63.9	64.3	63.5	64.0	63.5	64.3	63.7	64.5	64.2	65.1	64.9	65.9	65.6	66.4	65.7		
30	66.7	66.7	66.4	66.1	65.5	65.8	65.3	65.9	65.3	66.3	66.5	66.9	67.2	67.7	67.9	68.3	68.3		
35	68.2	68.0	67.6	67.3	67.0	67.0	66.9	67.0	67.1	67.4	67.7	68.2	68.5	69.0	69.2	69.6	69.7		
40	69.0	68.7	68.3	68.0	67.6	67.5	67.5	67.5	67.7	67.9	68.3	68.8	69.2	69.6	70.0	70.3	70.4		
45	69.3	68.9	68.6	68.1	67.8	67.6	67.6	67.7	67.7	68.0	68.3	68.8	69.3	69.6	70.0	70.4	70.6		
50	68.9	68.5	68.1	67.5	67.2	67.1	67.1	67.1	67.3	67.3	67.8	68.2	68.8	69.1	69.6	69.9	70.2		
55	67.8	67.3	66.8	65.6	65.9	65.1	65.8	65.1	65.8	65.2	66.2	65.7	67.2	67.4	68.0	68.0	68.4		
60	65.1	63.9	64.1	62.8	63.0	62.2	62.9	62.1	62.9	62.2	63.3	63.0	64.3	64.0	65.3	64.9	65.9		
65	62.5	61.3	61.5	60.2	60.3	59.4	60.2	59.4	60.1	59.4	60.5	60.3	61.8	61.5	62.8	62.5	63.5		
70	60.3	59.1	59.2	58.0	58.0	57.3	57.9	57.2	57.8	57.3	58.2	58.1	59.3	59.1	60.4	60.2	61.2		
75	57.5	56.2	56.4	55.1	55.2	54.4	54.9	54.2	54.8	54.3	55.3	55.1	56.4	56.1	57.4	57.3	58.3		
80	54.7	53.7	53.6	52.6	52.5	51.9	52.3	51.8	52.2	51.9	52.6	52.7	53.7	53.8	54.8	55.0	55.8		
85	53.2	52.4	52.1	51.3	51.1	50.6	50.8	50.5	50.8	50.6	51.2	51.4	52.2	52.3	53.3	53.4	54.2		
90	51.8	50.8	50.7	49.8	49.7	49.1	49.4	49.0	49.4	49.0	49.7	49.7	50.5	50.3	51.4	51.1	52.1		
95	49.9	48.9	48.9	48.0	47.9	47.3	47.6	47.1	47.5	47.0	47.6	47.2	47.8	46.9	47.8	46.8	47.8		
100	47.8	46.8	46.9	46.0	45.9	45.2	45.6	45.0	45.4	44.7	45.2	44.5	44.7	43.4	43.9	42.6	43.3		
105	45.3	44.3	44.5	43.6	43.6	42.9	43.4	42.6	43.0	42.1	42.5	41.5	41.5	39.8	40.0	38.4	38.8		
110	42.5	41.4	41.8	40.7	40.9	40.1	40.6	39.7	40.1	39.1	39.4	38.1	37.9	35.9	35.9	34.0	34.3		
115	39.1	38.0	38.5	37.4	37.7	36.8	37.4	36.4	36.8	35.7	35.9	34.4	34.1	31.8	31.6	29.5	29.8		
120	35.5	34.4	34.9	33.8	34.2	33.3	33.9	32.8	33.3	32.1	32.3	30.7	30.2	27.7	27.4	25.2	25.2		
125	31.7	30.6	31.2	30.2	30.6	29.6	30.3	29.2	29.7	28.4	28.6	26.9	26.3	23.8	23.3	21.1	20.9		
130	27.8	26.8	27.5	26.4	26.9	25.9	26.6	25.5	26.0	24.7	24.8	23.1	22.5	19.9	19.4	17.1	16.7		
135	23.9	22.9	23.6	22.6	23.1	22.1	22.8	21.7	22.2	20.9	21.1	19.3	18.7	16.2	15.6	13.4	12.9		
140	19.9	18.9	19.6	18.7	19.2	18.2	19.0	17.9	18.4	17.1	17.3	15.6	15.1	12.6	12.0	9.91	9.50		
145	15.9	14.9	15.7	14.8	15.4	14.4	15.1	14.1	14.6	13.4	13.6	11.9	11.6	9.31	8.69	6.82	6.52		
150	11.9	11.0	11.8	10.9	11.6	10.6	11.3	10.3	10.9	9.77	9.68	7.10	8.23	6.30	5.75	4.16	4.01		
155	8.07	7.26	8.04	7.21	7.92	6.98	7.67	6.76	7.33	6.33	6.10	3.86	5.08	3.66	3.24	2.07	2.04		
160	4.51	3.86	4.52	3.81	4.47	3.72	4.31	3.56	4.06	3.28	3.49	2.15	2.35	1.54	1.35	0.70	0.74		
165	1.66	0.94	1.56	1.12	1.55	0.93	1.45	1.13	1.46	1.01	1.23	0.75	0.72	0.36	0.32	0.20	0.19		
170	0.29	0.28	0.34	0.30	0.28	0.27	0.33	0.33	0.36	0.30	0.32	0.26	0.25	0.18	0.15	0.14	0.14		
175	0.13	0.13	0.15	0.15	0.17	0.14	0.15	0.14	0.15	0.13	0.14	0.12	0.13	0.12	0.11	0.11	0.12		
180	0.14	0.14	0.13	0.14	0.14	0.13	0.13	0.13	0.14	0.14	0.14	0.13	0.13	0.14	0.14	0.13	0.14		

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: