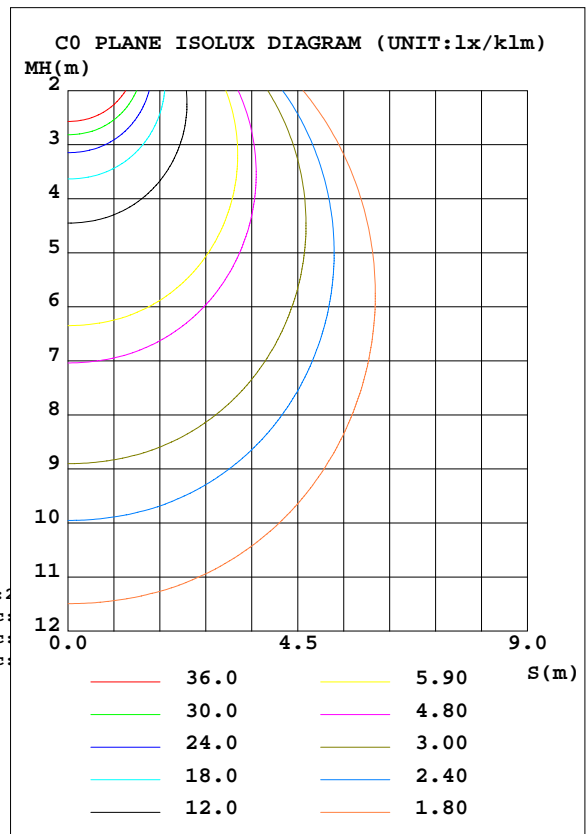
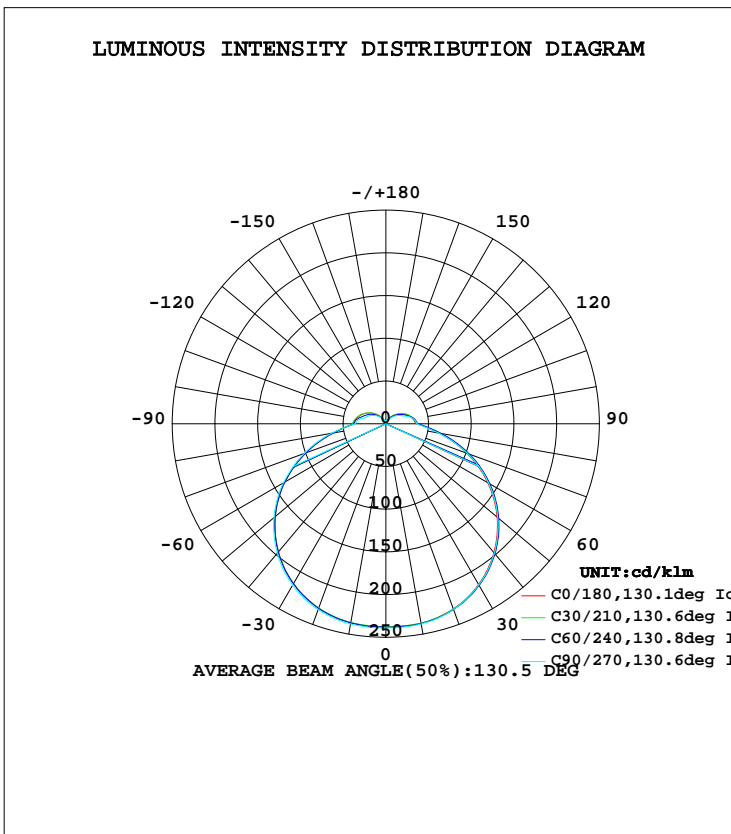


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.9V I:0.2150A P:24.06W PF:0.9331 Lamp Flux:1679.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 69.80 lm/W			
MODEL	4340BN	I <sub>max</sub> (cd/klm)	240.4	S/MH(C0/180)	1.35
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	1.36
RATED VOLTAGE(V)	120	TOTAL FLUX(lm/klm)		η UP, DN(C0-180)	6.7,43.2
NOMINAL FLUX(lm)	1679.49	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	6.8,43.3
LAMPS INSIDE	1	η up(%)	13.5	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	86.5	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-07-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\Phi$ lum,lamp
10	237.0	237.1	237.9	238.0	236.4	236.4	238.0	239.0	0- 10	22.74	22.74	2.27,2.27
20	230.7	231.6	231.4	231.2	229.7	229.7	231.5	233.0	10- 20	66.52	89.26	8.93,8.93
30	217.1	218.7	217.8	217.3	216.1	216.1	218.1	220.0	20- 30	104.0	193.3	19.3,19.3
40	196.9	198.9	197.8	196.7	195.6	195.7	197.8	199.8	30- 40	130.5	323.8	32.4,32.4
50	170.0	172.7	171.0	169.9	169.0	169.1	171.0	172.9	40- 50	142.6	466.4	46.6,46.6
60	137.6	140.8	138.9	137.2	136.4	136.9	138.5	140.6	50- 60	138.8	605.2	60.5,60.5
70	101.0	103.4	101.8	100.0	99.74	100.4	101.9	104.0	60- 70	119.0	724.2	72.4,72.4
80	63.21	65.94	62.48	62.85	62.84	63.03	64.34	65.79	70- 80	87.05	811.2	81.1,81.1
90	36.12	38.18	36.70	39.17	38.53	39.03	36.01	38.16	80- 90	53.38	864.6	86.5,86.5
100	32.25	33.91	33.24	35.59	35.17	35.61	31.43	33.57	90-100	38.93	903.5	90.4,90.4
110	28.28	29.33	26.10	30.48	30.74	30.40	24.11	29.49	100-110	32.96	936.5	93.7,93.7
120	23.41	23.67	19.51	24.22	25.22	24.26	19.66	24.40	110-120	25.59	962.1	96.2,96.2
130	17.40	17.67	14.31	17.69	19.14	17.80	14.77	18.33	120-130	18.12	980.2	98,98
140	12.04	11.78	9.126	11.09	12.59	11.22	10.28	12.18	130-140	11.04	991.3	99.1,99.1
150	6.793	5.944	4.778	5.050	6.559	5.657	6.167	6.363	140-150	5.377	996.6	99.7,99.7
160	3.511	3.545	3.511	3.488	3.573	3.579	3.559	3.538	150-160	1.999	998.6	99.9,99.9
170	3.623	3.626	3.644	3.683	3.722	3.696	3.653	3.653	160-170	1.017	999.6	100,100
180	3.747	3.719	3.676	3.729	3.752	3.717	3.676	3.726	170-180	0.3522	1000.0	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

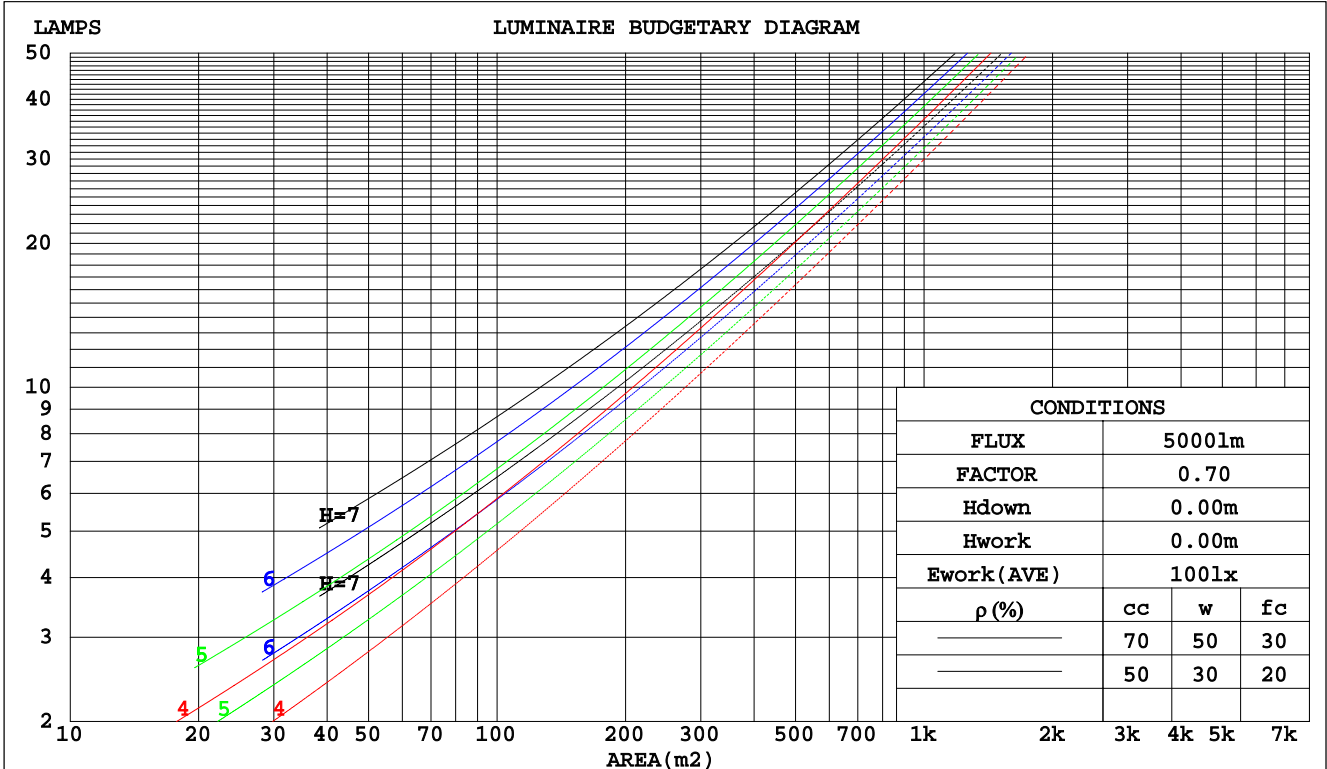
C Range: 0 - 360DEG  
C Interval: 15.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2021-07-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
Humidity:65.0%  
Test Distance:7.500m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.9V I:0.2150A P:24.06W PF:0.9331 Lamp Flux:1679.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.96	.96	.96	.90	.90	.90	.86
1.0	.98	.93	.89	.94	.90	.86	.88	.84	.81	.81	.78	.76	.76	.73	.71	.68
2.0	.84	.77	.70	.81	.74	.68	.75	.70	.65	.70	.65	.61	.65	.61	.58	.55
3.0	.73	.64	.57	.71	.63	.56	.66	.59	.53	.61	.55	.51	.57	.52	.48	.45
4.0	.64	.55	.48	.62	.54	.47	.58	.51	.45	.54	.48	.43	.50	.45	.41	.38
5.0	.57	.48	.41	.55	.46	.40	.52	.44	.38	.48	.42	.37	.45	.39	.35	.32
6.0	.51	.42	.35	.49	.41	.35	.46	.39	.33	.43	.37	.32	.40	.35	.30	.28
7.0	.46	.37	.31	.45	.36	.30	.42	.34	.29	.39	.33	.28	.37	.31	.27	.25
8.0	.42	.33	.27	.41	.32	.27	.38	.31	.26	.36	.30	.25	.34	.28	.24	.22
9.0	.38	.30	.24	.37	.29	.24	.35	.28	.23	.33	.27	.22	.31	.26	.21	.19
10.0	.35	.27	.22	.34	.27	.22	.32	.26	.21	.31	.24	.20	.29	.23	.19	.18



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-07-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:119.9V I:0.2150A P:24.06W PF:0.9331 Lamp Flux:1679.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	.359	.204	.065	.348	.199	.063	.327	.188	.060	.308	.177	.057	.290	.168	.054	
2.0	.320	.175	.054	.310	.171	.053	.291	.162	.050	.273	.153	.048	.257	.145	.046	
3.0	.288	.153	.046	.279	.150	.045	.262	.142	.043	.246	.135	.041	.231	.128	.040	
4.0	.262	.136	.040	.253	.133	.039	.238	.126	.038	.223	.120	.036	.210	.114	.035	
5.0	.239	.122	.035	.232	.119	.035	.218	.113	.033	.205	.108	.032	.192	.103	.031	
6.0	.220	.110	.032	.213	.108	.031	.200	.103	.030	.188	.098	.029	.177	.093	.028	
7.0	.203	.101	.029	.197	.098	.028	.186	.094	.027	.175	.090	.026	.164	.085	.025	
8.0	.189	.092	.026	.183	.090	.026	.173	.086	.025	.163	.082	.024	.153	.079	.023	
9.0	.176	.085	.024	.171	.084	.023	.162	.080	.023	.152	.076	.022	.144	.073	.021	
10.0	.165	.079	.022	.161	.078	.022	.152	.074	.021	.143	.071	.020	.135	.068	.019	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.294	.294	.294	.251	.251	.251	.171	.171	.171	.098	.098	.098	.031	.031	.031	
1.0	.288	.260	.234	.246	.223	.202	.168	.153	.140	.097	.089	.081	.031	.029	.026	
2.0	.281	.236	.199	.240	.204	.172	.165	.141	.120	.095	.082	.070	.030	.027	.023	
3.0	.273	.220	.177	.234	.190	.153	.161	.132	.108	.093	.077	.063	.030	.025	.021	
4.0	.266	.207	.162	.228	.179	.141	.157	.125	.099	.091	.073	.059	.029	.024	.019	
5.0	.258	.197	.152	.222	.170	.132	.153	.119	.093	.088	.070	.055	.029	.023	.018	
6.0	.251	.189	.145	.216	.164	.126	.149	.115	.089	.086	.067	.053	.028	.022	.017	
7.0	.244	.182	.139	.210	.158	.121	.145	.111	.086	.084	.065	.051	.027	.021	.017	
8.0	.237	.177	.135	.204	.153	.118	.141	.108	.084	.082	.063	.050	.027	.021	.016	
9.0	.231	.172	.132	.199	.149	.115	.138	.105	.082	.080	.062	.049	.026	.020	.016	
10.0	.225	.168	.129	.194	.146	.113	.135	.102	.080	.079	.061	.048	.025	.020	.016	

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-07-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.9V I:0.2150A P:24.06W PF:0.9331 Lamp Flux:1679.49x1 lm										
NAME:					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					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
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	15.6	17.0	16.1	17.5	18.0	15.7	17.1	16.1	17.5	18.0
3H	17.6	18.9	18.1	19.4	19.9	17.7	19.0	18.2	19.4	20.0
4H	18.6	19.8	19.1	20.3	20.8	18.6	19.9	19.1	20.3	20.9
6H	19.5	20.6	20.0	21.1	21.7	19.5	20.7	20.0	21.2	21.7
8H	19.9	21.1	20.5	21.6	22.1	20.0	21.1	20.5	21.6	22.2
12H	20.4	21.5	21.0	22.0	22.6	20.4	21.5	21.0	22.0	22.6
4H 2H	16.3	17.6	16.9	18.1	18.6	16.4	17.6	16.9	18.1	18.7
3H	18.5	19.6	19.1	20.1	20.7	18.6	19.7	19.1	20.2	20.8
4H	19.6	20.6	20.2	21.2	21.8	19.7	20.7	20.3	21.2	21.8
6H	20.7	21.6	21.3	22.2	22.8	20.8	21.6	21.3	22.2	22.9
8H	21.3	22.1	21.9	22.7	23.4	21.3	22.1	21.9	22.7	23.4
12H	21.9	22.6	22.5	23.2	23.9	21.9	22.6	22.5	23.2	23.9
8H 4H	20.1	20.9	20.7	21.5	22.1	20.1	20.9	20.7	21.5	22.2
6H	21.4	22.1	22.0	22.7	23.4	21.4	22.1	22.1	22.7	23.5
8H	22.1	22.7	22.8	23.4	24.1	22.1	22.8	22.8	23.4	24.1
12H	22.9	23.4	23.6	24.1	24.9	22.9	23.5	23.6	24.1	24.9
12H 4H	20.1	20.9	20.7	21.5	22.2	20.2	20.9	20.8	21.5	22.2
6H	21.6	22.2	22.2	22.8	23.6	21.6	22.2	22.2	22.9	23.6
8H	22.4	22.9	23.0	23.6	24.3	22.4	22.9	23.1	23.6	24.4
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	+ 0.2 / - 0.4					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 1000 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.0)

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-07-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

## UTILIZATION FACTORS TABLE

Test:U:119.9V I:0.2150A P:24.06W PF:0.9331 Lamp Flux:1679.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

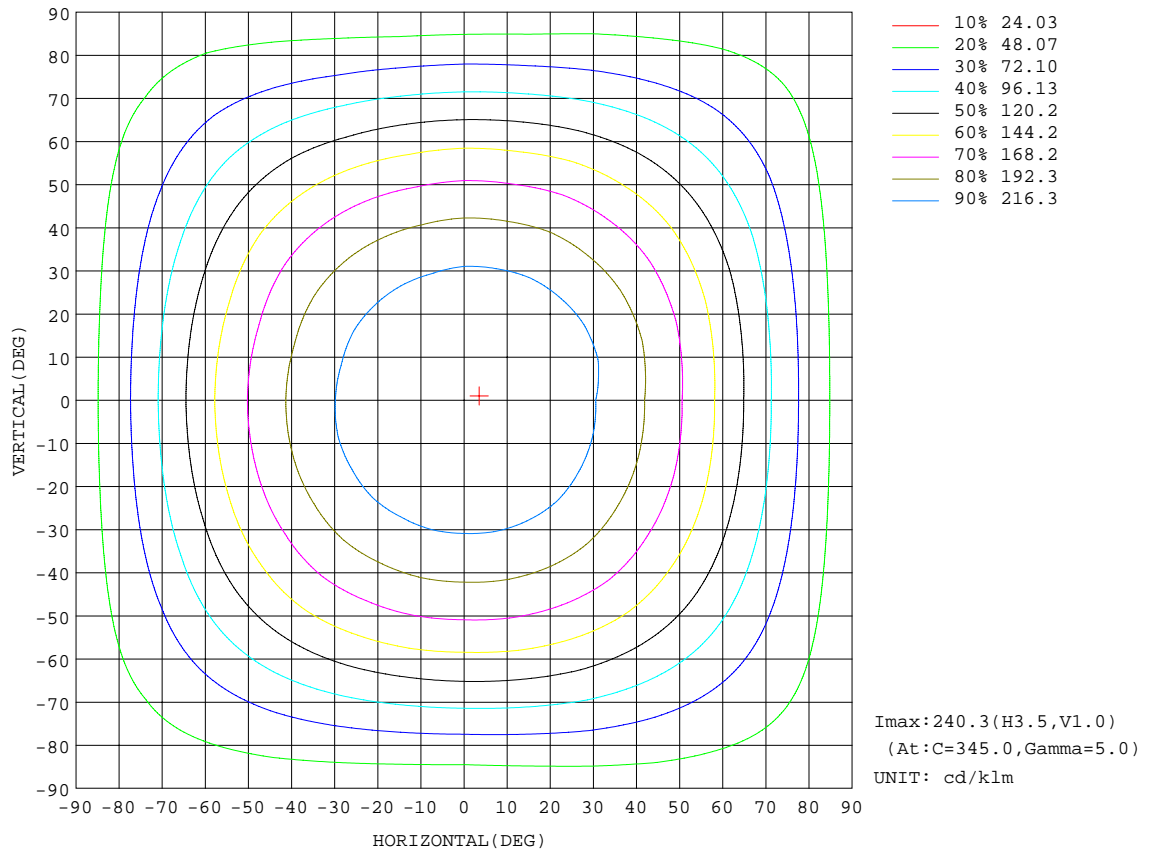
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	50	38	31	49	37	30	47	37	30	23
0.80	59	47	39	58	46	39	55	45	38	30
1.00	67	55	47	66	54	46	62	55	45	37
1.25	75	62	54	72	61	54	68	59	52	43
1.50	80	68	60	77	67	59	73	64	57	47
2.00	87	77	69	84	75	68	79	71	65	54
2.50	91	82	74	88	80	73	83	75	70	58
3.00	95	86	80	92	84	78	86	79	74	62
4.00	100	92	86	96	89	84	90	84	80	67
5.00	102	96	91	99	93	88	92	87	83	70
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-07-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.9V I:0.2150A P:24.06W PF:0.9331 Lamp Flux:1679.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

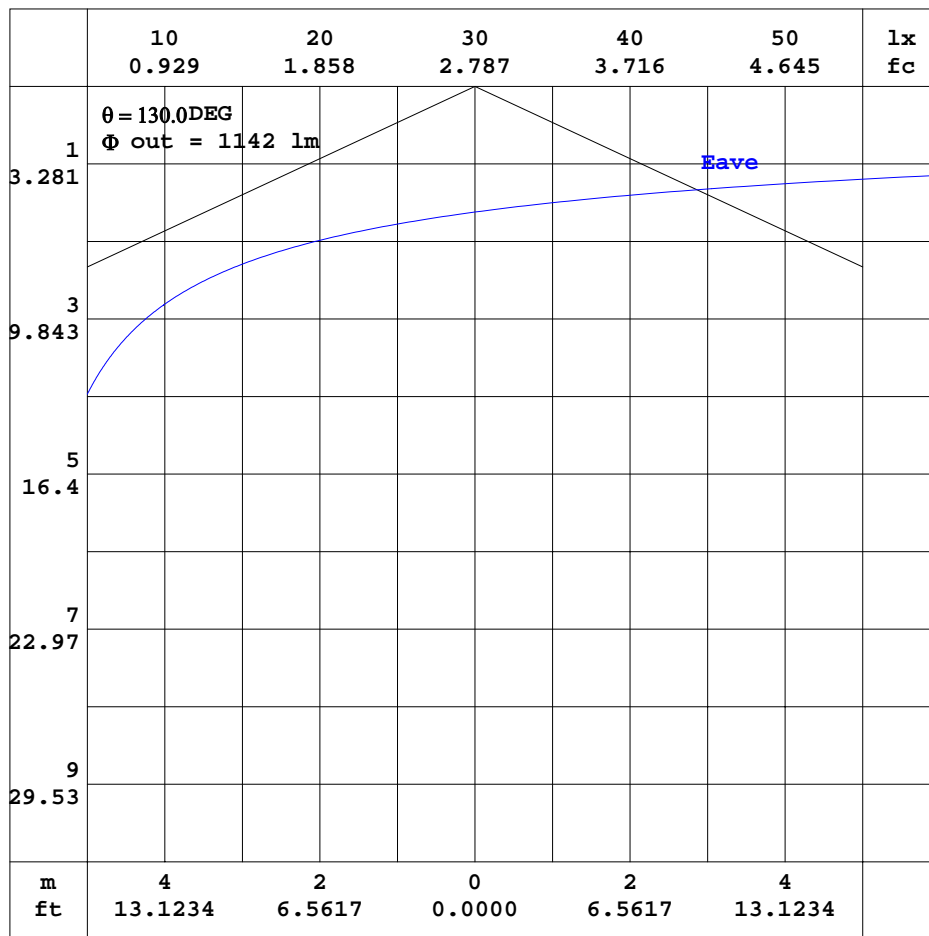


C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-07-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

AAI CURVES

Test:U:119.9V I:0.2150A P:24.06W PF:0.9331 Lamp Flux:1679.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



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

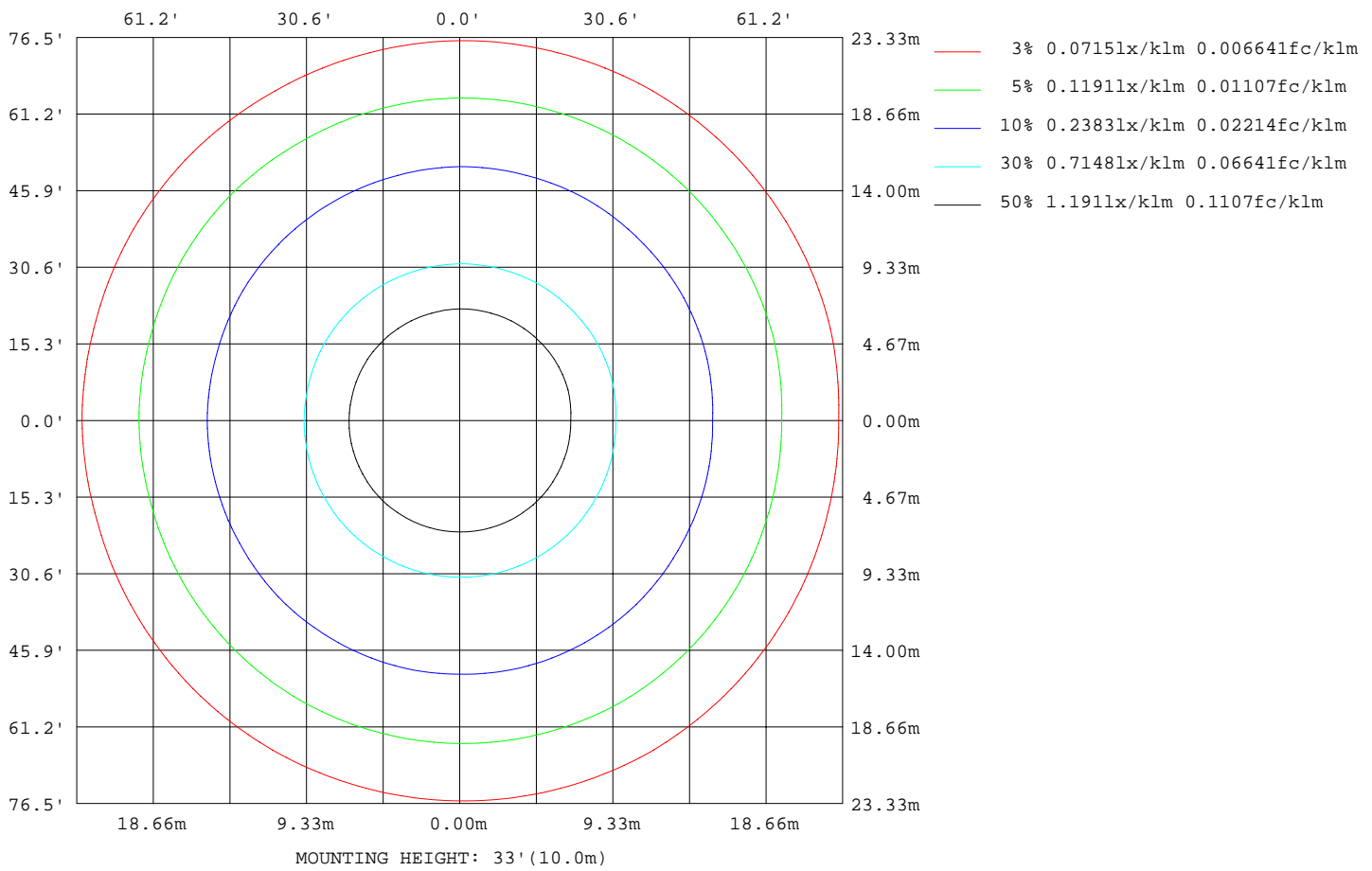
C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-07-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

Test:U:119.9V I:0.2150A P:24.06W PF:0.9331 Lamp Flux:1679.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-07-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

## LED Avg.L Report

Test:U:119.9V I:0.2150A P:24.06W PF:0.9331 Lamp Flux:1679.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

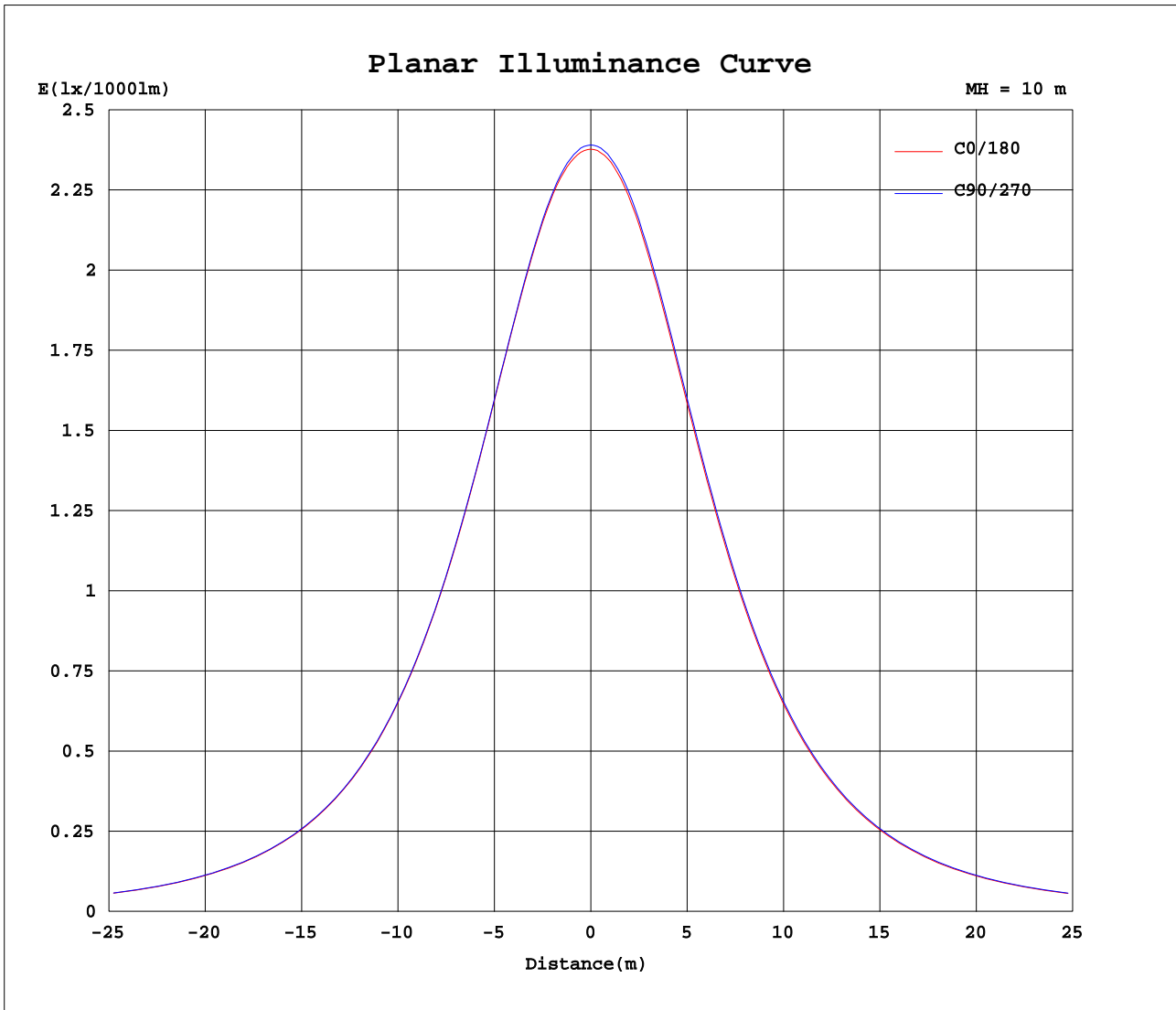
AvgL	cd/m2
L_0~180(65)av	4728
L_0~180(75)av	5274
L_0~180(85)av	9174
L_90~270(65)av	4793
L_90~270(75)av	5340
L_90~270(85)av	9081
L_45(65)av	4796
L_45(75)av	5375
L_45(85)av	9440

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-07-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021-07-21

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity: 65.0%  
 Test Distance: 7.500m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.2150A P:24.06W PF:0.9331 Lamp Flux:1679.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: cd/klm

C( DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	238	238	238	238	238	238	239	239	239	239	240	240	238	238	238	238	238	238	239
5	238	237	238	238	238	238	239	239	239	239	239	240	238	237	237	237	238	238	239
10	237	237	237	237	237	238	238	238	238	238	238	239	236	236	236	236	237	237	238
15	235	235	235	235	235	235	235	236	235	235	235	236	234	233	234	234	234	235	235
20	231	231	231	232	231	231	231	231	231	231	231	231	230	229	230	230	230	230	231
25	225	225	225	226	226	226	226	225	225	225	225	225	224	223	224	224	224	224	226
30	217	218	218	219	218	218	218	218	217	217	217	217	216	215	216	216	216	217	218
35	208	208	209	210	209	209	209	208	208	208	207	207	207	206	207	207	207	207	209
40	197	198	198	199	199	198	198	197	197	197	196	196	196	195	196	196	196	196	198
45	184	185	185	186	186	186	185	185	184	184	183	183	183	182	183	183	183	184	185
50	170	171	171	173	173	172	171	171	170	170	168	168	169	168	169	169	169	169	171
55	154	156	156	157	157	157	155	155	154	154	153	153	153	153	154	154	154	154	155
60	138	138	139	141	141	140	139	138	138	137	136	135	136	136	137	137	136	137	138
65	120	120	121	122	123	122	121	120	120	119	118	117	118	118	119	119	118	119	120
70	101	102	103	103	104	103	102	101	101	100	99.1	98.1	99.7	99.3	100	100	99.6	101	102
75	81.8	82.5	83.5	84.3	84.8	83.2	81.7	81.5	81.4	81.0	80.1	79.1	80.7	80.3	81.5	81.4	80.7	81.5	82.9
80	63.2	64.2	64.9	65.9	65.7	64.2	62.5	62.7	62.7	62.9	61.8	61.3	62.8	62.0	63.7	63.0	62.6	62.8	64.3
85	47.5	48.4	49.2	50.1	49.5	48.1	46.7	47.0	47.5	47.8	47.1	46.5	47.7	47.1	48.6	48.2	47.2	46.7	47.6
90	36.1	36.7	37.5	38.2	37.9	36.7	36.7	37.5	38.9	39.2	37.9	37.1	38.5	38.5	39.4	39.0	37.5	36.2	36.0
95	33.8	34.0	35.1	35.7	35.9	35.1	35.2	36.0	37.4	37.6	36.5	35.6	37.1	37.1	38.0	37.6	36.1	34.7	34.3
100	32.2	32.5	33.4	33.9	34.0	33.3	33.2	33.9	35.2	35.6	34.6	33.8	35.2	35.2	36.0	35.6	33.7	31.5	31.4
105	30.4	30.7	31.4	31.8	31.0	30.2	30.1	30.6	32.1	33.2	32.5	31.7	33.0	33.2	33.9	33.2	30.4	26.8	26.6
110	28.3	28.6	29.2	29.3	27.6	26.2	26.1	26.4	28.7	30.5	30.2	29.4	30.7	30.9	31.4	30.4	27.4	24.8	24.1
115	26.0	26.3	26.9	26.6	24.8	22.5	21.9	23.3	25.6	27.5	27.6	26.9	28.1	28.2	28.7	27.4	24.8	22.6	22.0
120	23.4	24.0	24.3	23.7	22.0	20.1	19.5	20.6	22.5	24.2	24.8	24.2	25.2	25.3	25.7	24.3	22.2	20.4	19.7
125	20.5	21.3	21.2	20.6	19.2	17.7	16.9	17.9	19.4	20.9	21.8	21.3	22.3	22.1	22.4	21.1	19.5	18.0	17.1
130	17.4	18.2	18.2	17.7	16.4	15.1	14.3	15.2	16.3	17.7	18.6	18.3	19.1	18.7	19.0	17.8	16.6	15.4	14.8
135	14.6	15.2	15.1	14.7	13.5	12.4	11.6	12.4	13.2	14.4	15.3	15.3	15.8	15.5	15.4	14.5	13.5	12.8	12.6
140	12.0	12.1	11.9	11.8	10.7	9.74	9.13	9.53	10.1	11.1	11.9	12.2	12.6	12.2	12.0	11.2	10.5	10.2	10.3
145	9.43	9.24	8.95	8.77	8.05	7.17	6.86	6.86	7.18	7.92	8.60	9.01	9.46	9.16	8.92	8.42	7.87	7.84	8.09
150	6.79	6.60	6.10	5.94	5.65	5.11	4.78	4.69	4.78	5.05	5.57	6.01	6.56	6.41	6.14	5.66	5.53	5.70	6.17
155	4.35	4.38	4.13	3.94	3.79	3.63	3.45	3.47	3.46	3.47	3.60	3.87	4.17	4.22	4.21	3.96	3.79	4.16	4.44
160	3.51	3.54	3.46	3.55	3.53	3.46	3.51	3.50	3.49	3.49	3.48	3.47	3.57	3.57	3.56	3.58	3.55	3.55	3.56
165	3.56	3.60	3.55	3.57	3.58	3.55	3.58	3.59	3.60	3.59	3.57	3.56	3.64	3.65	3.64	3.65	3.63	3.61	3.61
170	3.62	3.61	3.62	3.63	3.63	3.63	3.64	3.66	3.68	3.68	3.66	3.66	3.72	3.71	3.71	3.70	3.67	3.65	3.65
175	3.68	3.67	3.68	3.69	3.69	3.69	3.69	3.71	3.73	3.74	3.74	3.74	3.78	3.76	3.75	3.74	3.70	3.68	3.67
180	3.75	3.73	3.72	3.72	3.70	3.68	3.68	3.69	3.71	3.73	3.73	3.74	3.75	3.72	3.72	3.72	3.70	3.68	3.68

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-07-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.2150A P:24.06W PF:0.9331 Lamp Flux:1679.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: cd/klm

C(DEG) γ (DEG)	285	300	315	330	345														
0	239	239	239	240	240														
5	239	240	240	240	240														
10	238	239	239	240	240														
15	236	236	237	238	237														
20	232	233	233	234	234														
25	226	227	227	228	228														
30	219	220	220	221	221														
35	209	211	211	212	211														
40	198	200	200	200	200														
45	186	187	187	188	187														
50	171	173	173	174	173														
55	156	157	157	158	158														
60	139	141	141	141	141														
65	121	122	123	123	123														
70	102	104	104	104	104														
75	83.4	84.4	84.7	84.8	84.6														
80	64.6	65.9	65.8	66.3	65.5														
85	48.2	49.8	49.9	50.1	49.4														
90	36.4	38.1	38.2	38.2	37.5														
95	34.4	35.1	35.2	35.6	35.1														
100	31.7	33.5	33.6	33.9	33.5														
105	27.9	31.2	31.6	32.0	31.6														
110	25.4	28.5	29.5	29.8	29.4														
115	23.2	25.7	27.1	27.4	26.9														
120	20.8	22.9	24.4	24.6	24.2														
125	18.2	19.9	21.4	21.6	21.3														
130	15.6	17.0	18.3	18.5	17.8														
135	12.9	14.0	15.2	15.2	14.8														
140	10.4	11.1	12.2	12.0	11.8														
145	8.06	8.66	9.23	8.94	9.12														
150	6.03	6.35	6.36	6.11	6.51														
155	4.50	4.42	4.23	4.24	4.26														
160	3.52	3.53	3.54	3.53	3.55														
165	3.59	3.59	3.60	3.61	3.62														
170	3.65	3.64	3.65	3.66	3.66														
175	3.68	3.69	3.71	3.72	3.71														
180	3.69	3.71	3.73	3.73	3.74														

C Range: 0 - 360DEG  
 C Interval: 15.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021-07-21

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.291  
 Humidity:65.0%  
 Test Distance:7.500m [K=1.0000]  
 Remarks: