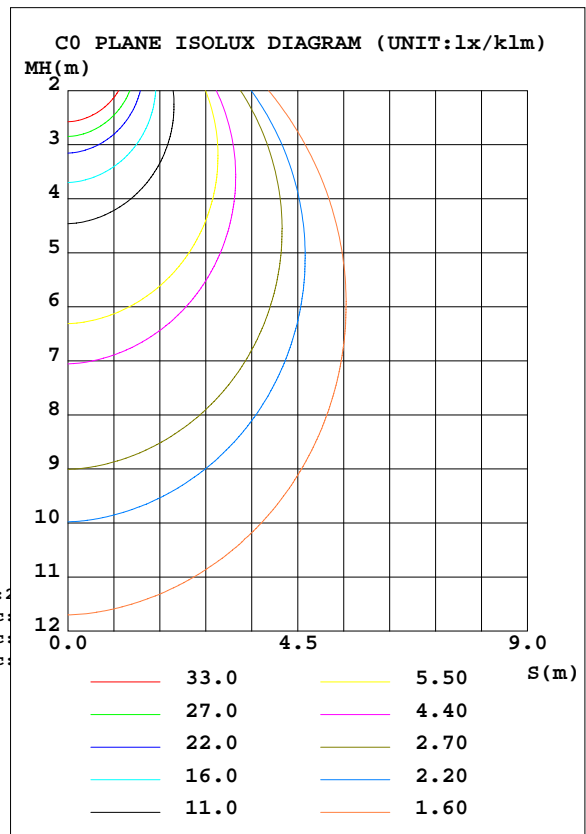
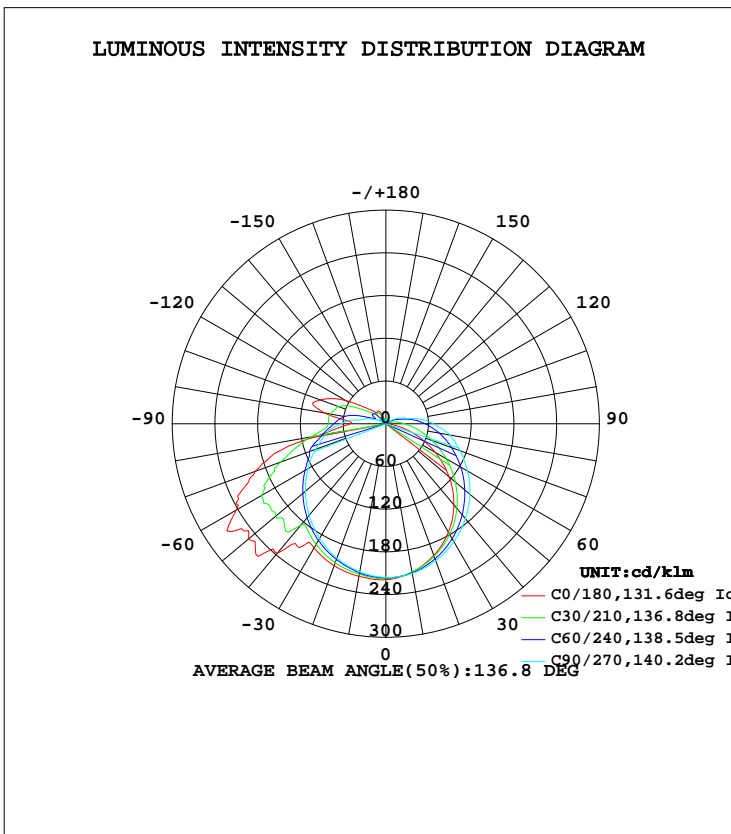


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.1299A P:14.87W PF:0.9541 Lamp Flux:770.427x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 51.82 lm/W			
MODEL	4404-30-BN	I _{max} (cd/klm)	269.3	S/MH(C0/180)	1.49
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	120	TOTAL FLUX(lm/klm)		η UP, DN(C0-180)	7.5,42.0
NOMINAL FLUX(lm)	770.427	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	8.0,42.5
LAMPS INSIDE	1	η up(%)	15.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	84.5	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-07-17

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum,lamp
10	211.5	212.1	213.4	213.3	217.6	213.4	211.2	209.2	0- 10	20.46	20.46	2.05,2.05
20	196.9	200.3	204.6	206.9	212.2	205.1	201.0	195.7	10- 20	58.77	79.23	7.92,7.92
30	175.8	182.9	191.1	195.3	201.4	192.2	186.1	177.2	20- 30	90.20	169.4	16.9,16.9
40	148.8	161.3	174.0	178.9	237.9	175.2	167.8	154.1	30- 40	113.0	282.5	28.2,28.2
50	116.2	136.8	154.0	188.2	252.5	171.5	147.5	128.1	40- 50	130.9	413.3	41.3,41.3
60	79.68	110.9	132.3	174.2	242.8	160.7	126.4	101.1	50- 60	136.6	549.9	55,55
70	43.87	85.28	110.9	159.1	195.5	131.5	105.4	75.31	60- 70	126.4	676.3	67.6,67.6
80	13.66	62.12	91.61	106.8	96.32	98.47	85.85	52.40	70- 80	99.89	776.2	77.6,77.6
90	3.200	42.46	66.46	79.98	50.01	78.44	62.64	33.93	80- 90	68.76	844.9	84.5,84.5
100	3.459	26.25	42.05	74.69	86.82	71.22	33.75	19.14	90-100	53.54	898.5	89.8,89.8
110	4.164	12.90	24.34	62.43	97.94	46.38	18.63	4.875	100-110	42.22	940.7	94.1,94.1
120	4.699	3.980	13.14	32.20	65.35	28.59	5.743	5.395	110-120	25.82	966.5	96.7,96.7
130	5.572	4.080	3.604	23.81	33.14	20.54	7.597	4.175	120-130	14.35	980.9	98.1,98.1
140	5.771	4.385	4.434	23.56	20.34	19.49	4.231	4.458	130-140	8.794	989.7	99,99
150	4.520	6.062	4.333	12.10	20.75	6.344	4.195	3.845	140-150	5.736	995.4	99.5,99.5
160	4.011	3.684	6.807	3.920	5.279	6.050	3.707	4.394	150-160	2.920	998.3	99.8,99.8
170	4.722	3.815	3.644	4.071	5.015	5.288	5.356	4.104	160-170	1.238	999.6	100,100
180	4.724	4.644	4.464	3.844	4.734	4.629	4.454	3.829	170-180	0.4336	1000	100,100
DEG	LUMINOUS INTENSITY:cd/klm									UNIT:lm/klm		

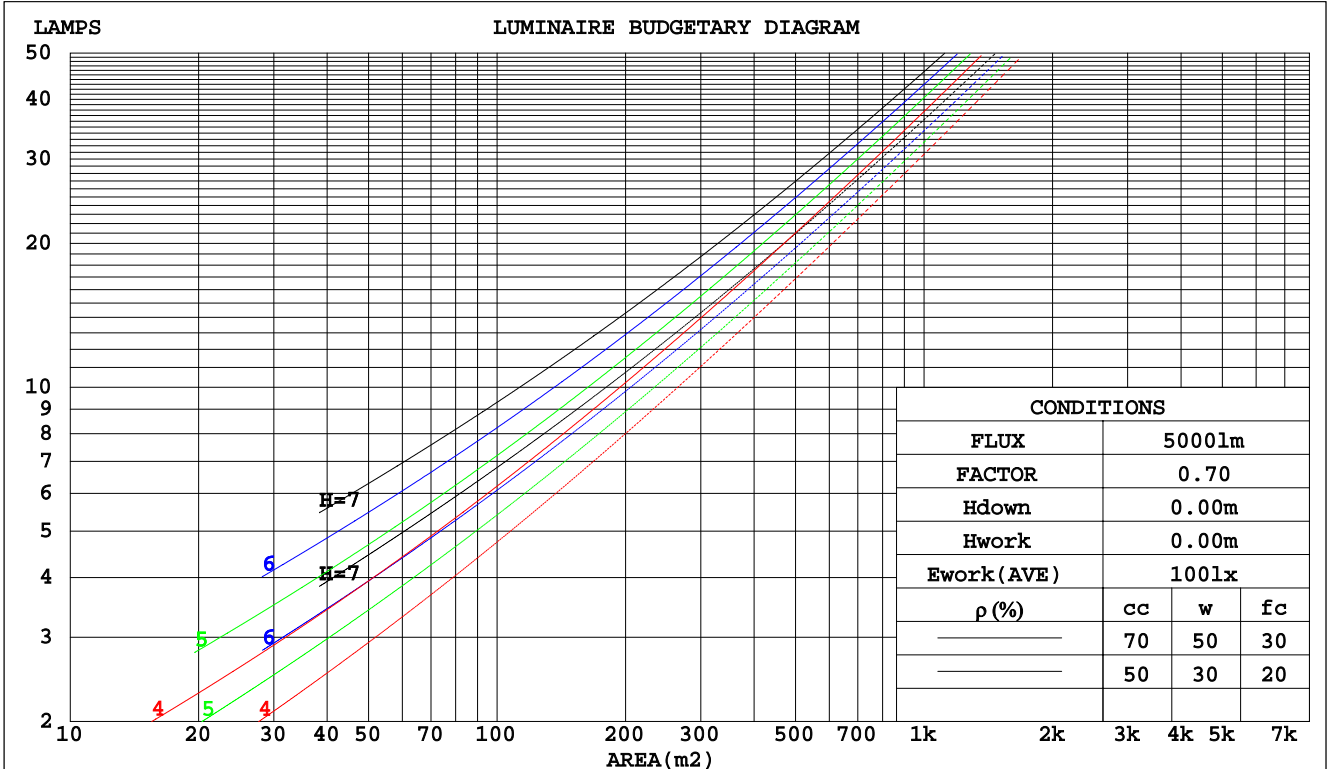
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-07-17

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1299A P:14.87W PF:0.9541 Lamp Flux:770.427x1 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	1.15	1.15	1.15	1.11	1.11	1.11	1.02	1.02	1.02	.95	.95	.95	.88	.88	.88	.84
1.0	.96	.91	.86	.92	.88	.83	.85	.81	.78	.79	.75	.73	.72	.70	.68	.64
2.0	.82	.74	.67	.79	.72	.65	.73	.67	.62	.67	.62	.58	.62	.58	.54	.51
3.0	.71	.62	.55	.68	.60	.53	.63	.56	.50	.58	.52	.47	.53	.49	.45	.41
4.0	.62	.53	.45	.60	.51	.44	.55	.48	.42	.51	.45	.40	.47	.42	.37	.34
5.0	.55	.45	.38	.53	.44	.37	.49	.41	.35	.45	.39	.34	.42	.36	.32	.29
6.0	.49	.40	.33	.47	.39	.32	.44	.36	.31	.41	.34	.29	.38	.32	.28	.25
7.0	.44	.35	.29	.43	.34	.28	.40	.32	.27	.37	.30	.25	.34	.29	.24	.22
8.0	.40	.31	.25	.39	.31	.25	.36	.29	.24	.34	.27	.23	.31	.26	.22	.19
9.0	.37	.28	.23	.36	.28	.22	.33	.26	.21	.31	.25	.20	.29	.23	.19	.17
10.0	.34	.26	.20	.33	.25	.20	.31	.24	.19	.29	.23	.18	.27	.21	.17	.16



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-07-17

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:120.0V I:0.1299A P:14.87W PF:0.9541 Lamp Flux:770.427x1 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	.385	.219	.069	.373	.213	.068	.351	.201	.064	.330	.190	.061	.311	.180	.058	
2.0	.336	.184	.057	.326	.179	.055	.305	.170	.053	.287	.161	.050	.269	.152	.048	
3.0	.300	.160	.048	.290	.155	.047	.272	.147	.045	.255	.140	.043	.239	.132	.041	
4.0	.270	.140	.041	.261	.137	.040	.245	.130	.039	.229	.123	.037	.215	.117	.036	
5.0	.246	.125	.036	.238	.122	.036	.223	.116	.034	.209	.110	.033	.196	.104	.031	
6.0	.225	.113	.032	.218	.110	.032	.204	.105	.030	.191	.099	.029	.179	.094	.028	
7.0	.207	.102	.029	.201	.100	.029	.188	.095	.027	.177	.091	.026	.166	.086	.025	
8.0	.192	.094	.026	.186	.092	.026	.175	.087	.025	.164	.083	.024	.154	.079	.023	
9.0	.179	.087	.024	.173	.085	.024	.163	.081	.023	.153	.077	.022	.144	.073	.021	
10.0	.167	.080	.022	.162	.078	.022	.153	.075	.021	.144	.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	.309	.309	.309	.264	.264	.264	.180	.180	.180	.103	.103	.103	.033	.033	.033	
1.0	.305	.275	.248	.261	.236	.213	.178	.162	.147	.103	.094	.086	.033	.030	.028	
2.0	.298	.252	.213	.255	.217	.184	.175	.150	.128	.101	.087	.075	.032	.028	.024	
3.0	.291	.235	.191	.249	.203	.165	.171	.141	.116	.099	.082	.068	.032	.027	.022	
4.0	.283	.223	.176	.243	.192	.153	.167	.134	.108	.097	.078	.064	.031	.026	.021	
5.0	.275	.213	.166	.237	.184	.145	.163	.129	.102	.094	.075	.061	.030	.025	.020	
6.0	.268	.205	.159	.230	.177	.139	.159	.124	.098	.092	.073	.058	.030	.024	.019	
7.0	.261	.198	.154	.224	.172	.134	.155	.120	.095	.090	.071	.057	.029	.023	.019	
8.0	.254	.193	.150	.219	.167	.131	.151	.117	.093	.088	.069	.055	.028	.023	.018	
9.0	.248	.188	.147	.213	.163	.128	.148	.115	.091	.086	.068	.054	.028	.022	.018	
10.0	.242	.184	.145	.208	.159	.126	.145	.112	.090	.084	.066	.054	.027	.022	.018	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-07-17

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:120.0V I:0.1299A P:14.87W PF:0.9541 Lamp Flux:770.427x1 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	12.9	14.3	13.4	14.8	15.3	14.9	16.3	15.3	16.8	17.3
3H	14.2	15.5	14.7	16.0	16.5	17.3	18.7	17.9	19.2	19.7
4H	14.6	15.8	15.1	16.4	16.9	18.7	20.0	19.2	20.5	21.1
6H	14.8	16.0	15.4	16.6	17.2	20.2	21.4	20.8	21.9	22.6
8H	14.9	16.0	15.5	16.6	17.2	21.1	22.2	21.6	22.7	23.4
12H	14.9	16.0	15.5	16.6	17.2	22.0	23.1	22.5	23.6	24.3
4H 2H	13.9	15.2	14.5	15.7	16.3	15.4	16.6	15.9	17.2	17.7
3H	15.5	16.6	16.0	17.1	17.8	18.1	19.2	18.7	19.8	20.4
4H	16.1	17.1	16.7	17.7	18.4	19.7	20.7	20.3	21.3	21.9
6H	16.6	17.5	17.2	18.1	18.8	21.4	22.3	22.0	22.9	23.6
8H	16.7	17.5	17.3	18.2	18.9	22.4	23.2	23.0	23.8	24.6
12H	16.8	17.6	17.4	18.2	18.9	23.4	24.2	24.1	24.9	25.6
8H 4H	17.1	17.9	17.7	18.6	19.3	20.0	20.8	20.6	21.4	22.1
6H	17.9	18.6	18.6	19.3	20.0	22.0	22.7	22.6	23.4	24.1
8H	18.3	18.9	18.9	19.6	20.3	23.2	23.8	23.8	24.5	25.2
12H	18.5	19.1	19.2	19.8	20.6	24.5	25.0	25.2	25.7	26.5
12H 4H	17.4	18.2	18.0	18.8	19.6	20.0	20.7	20.6	21.4	22.1
6H	18.5	19.1	19.1	19.8	20.5	22.1	22.7	22.8	23.4	24.2
8H	19.0	19.5	19.7	20.2	21.0	23.4	23.9	24.0	24.6	25.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 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:2021-07-17

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:120.0V I:0.1299A P:14.87W PF:0.9541 Lamp Flux:770.427x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

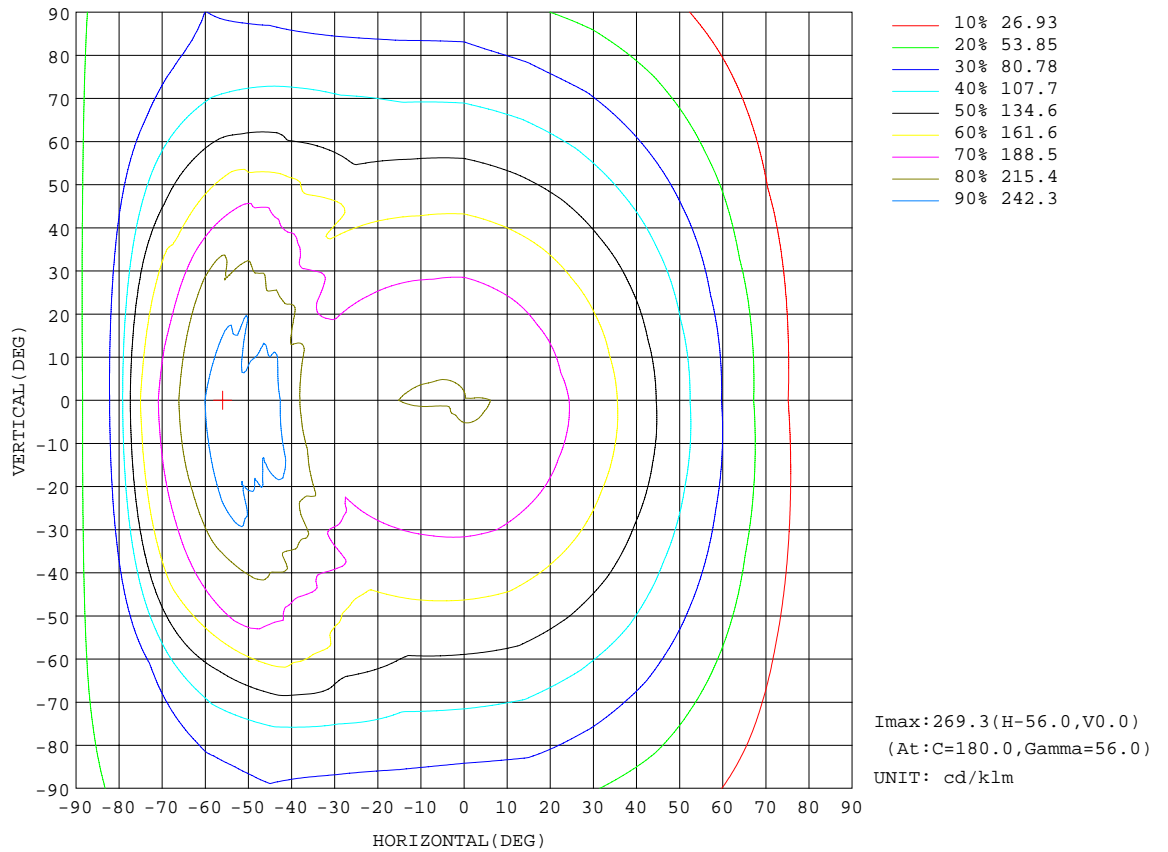
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	48	35	28	47	35	27	45	34	27	20
0.80	57	44	35	55	43	35	53	42	34	27
1.00	65	52	43	63	51	43	60	51	42	33
1.25	72	59	50	70	58	50	65	55	48	39
1.50	77	65	56	74	63	55	70	60	53	43
2.00	84	73	65	81	71	64	76	68	61	50
2.50	89	79	71	86	76	69	80	72	66	54
3.00	93	83	76	89	81	74	83	76	71	58
4.00	98	90	83	94	87	81	87	81	76	63
5.00	101	94	88	97	91	85	90	85	80	66
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:2021-07-17

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:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1299A P:14.87W PF:0.9541 Lamp Flux:770.427x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

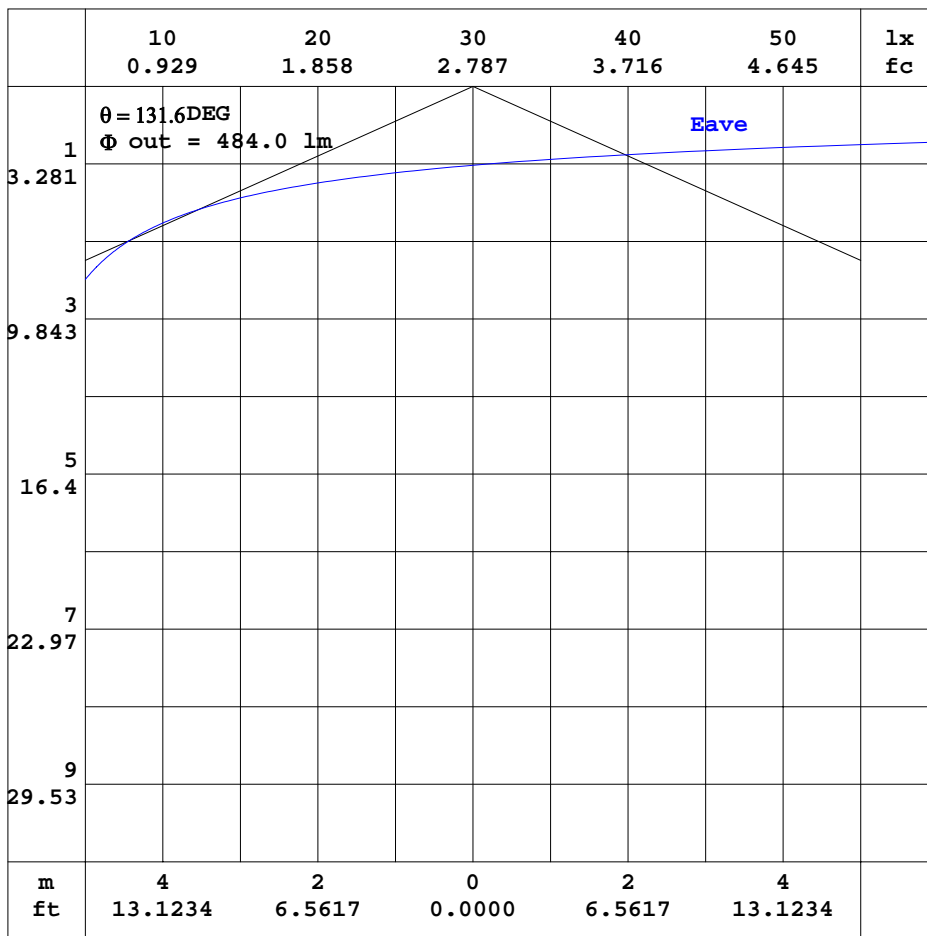


C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-07-17

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:120.0V I:0.1299A P:14.87W PF:0.9541 Lamp Flux:770.427x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



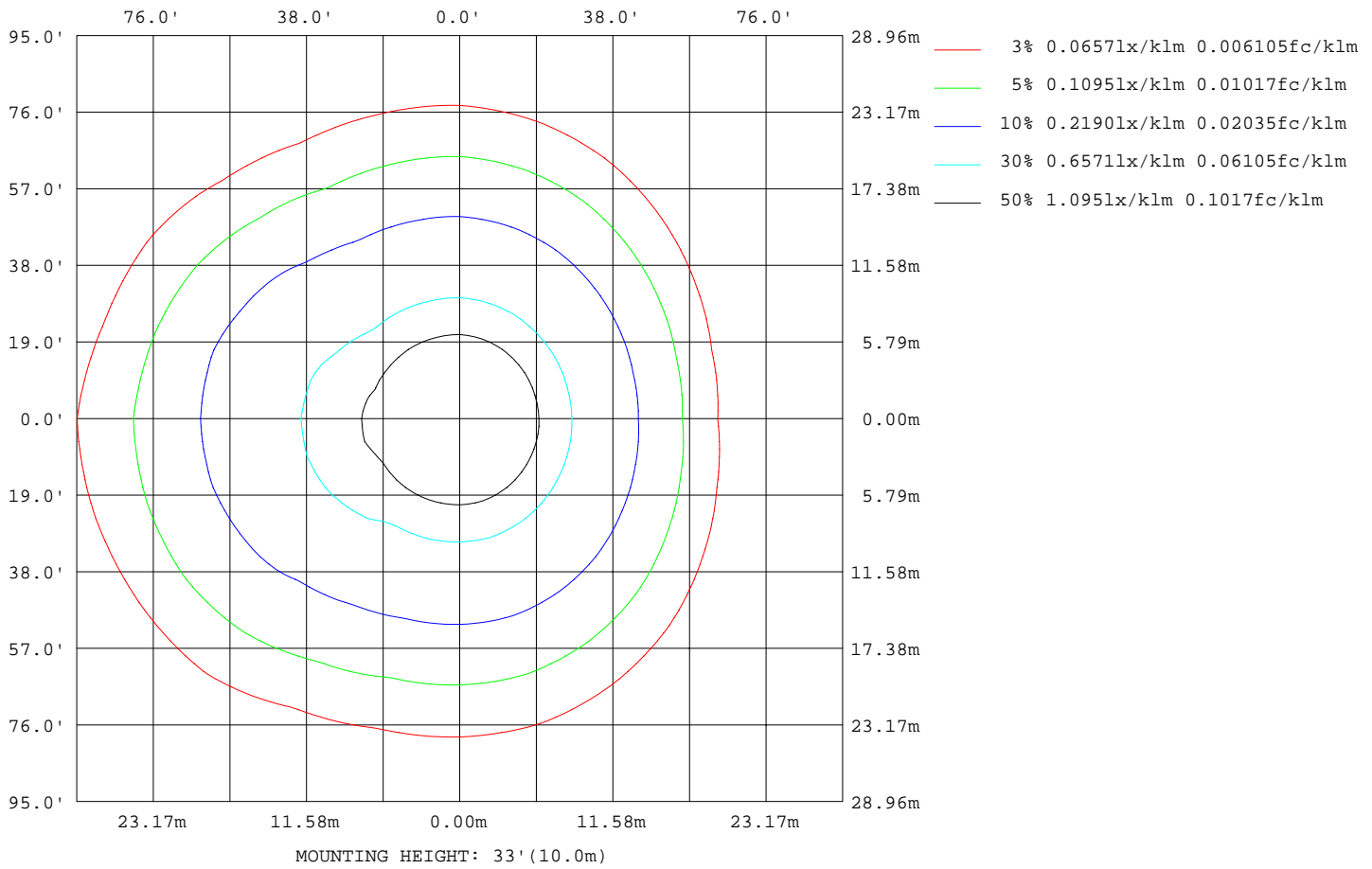
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-07-17

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:

ISOLUX DIAGRAM

Test:U:120.0V I:0.1299A P:14.87W PF:0.9541 Lamp Flux:770.427x1 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: 2021-07-17

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:120.0V I:0.1299A P:14.87W PF:0.9541 Lamp Flux:770.427x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

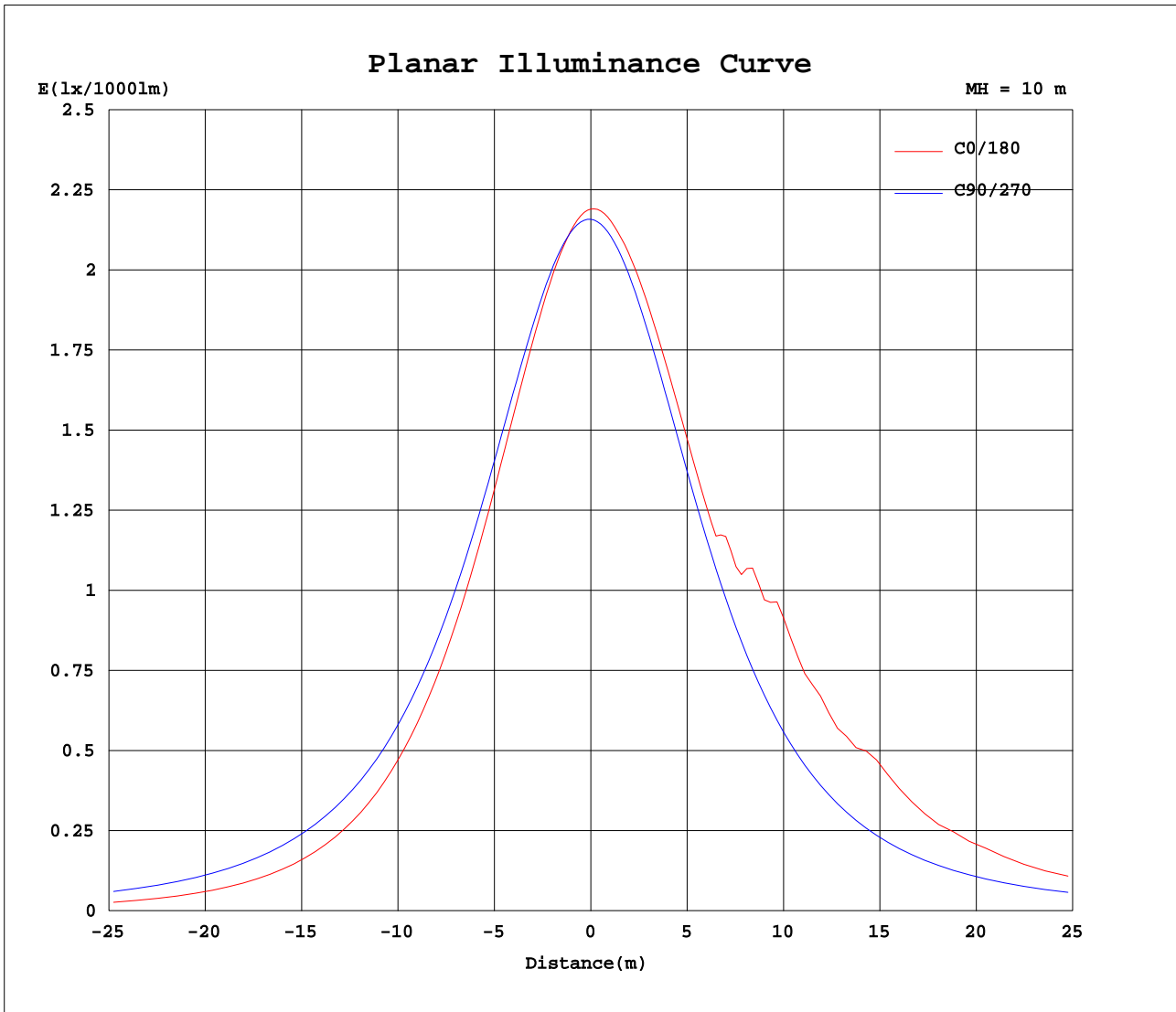
AvgL	cd/m2
L_0~180(65)av	2603
L_0~180(75)av	2820
L_0~180(85)av	3168
L_90~270(65)av	2163
L_90~270(75)av	2912
L_90~270(85)av	6858
L_45(65)av	2300
L_45(75)av	2865
L_45(85)av	5905

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-07-17

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-07-17

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:120.0V I:0.1299A P:14.87W PF:0.9541 Lamp Flux:770.427x1 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	219	218	218	217	216	216	216	216	215	215	215	215	219	218	218	217	216	216	216
5	216	216	216	216	216	216	215	215	215	215	215	215	219	218	217	216	215	215	214
10	212	211	212	212	213	213	213	213	213	213	213	214	218	216	215	213	213	212	211
15	205	205	206	207	208	209	210	210	210	211	211	211	216	214	212	210	208	207	207
20	197	198	198	200	202	204	205	205	206	207	208	208	212	210	208	205	203	202	201
25	187	188	190	192	195	198	198	199	200	202	203	203	208	205	202	199	197	195	194
30	176	177	179	183	186	190	191	192	193	195	196	197	201	198	196	192	189	187	186
35	163	165	168	173	177	181	183	184	186	187	189	209	213	196	188	184	181	178	177
40	149	151	155	161	167	172	174	175	177	179	215	227	238	218	186	175	172	169	168
45	133	137	142	149	156	162	164	166	167	198	215	252	258	238	201	165	162	159	158
50	116	121	127	137	145	152	154	156	157	188	229	246	252	233	202	171	152	149	148
55	98.2	104	113	124	133	141	143	146	149	186	234	248	264	234	200	168	142	138	137
60	79.7	86.8	97.9	111	121	130	132	135	151	174	217	237	243	218	202	161	131	128	126
65	61.5	69.8	83.4	98.0	109	118	121	124	141	174	202	211	224	209	182	145	121	118	116
70	43.9	54.1	69.5	85.3	98.3	108	111	113	129	159	174	184	196	172	157	132	114	107	105
75	27.4	39.9	56.5	73.4	87.3	97.7	101	103	114	131	138	153	162	140	131	117	103	96.6	94.7
80	13.7	27.7	44.8	62.1	76.3	88.2	91.6	94.0	98.1	107	107	95.7	96.3	103	107	98.5	91.0	87.8	85.8
85	5.06	18.3	34.9	51.8	65.3	76.0	78.7	82.6	84.9	87.9	83.5	67.0	66.6	75.3	87.2	85.0	81.1	77.5	76.4
90	3.20	11.9	26.7	42.5	55.1	64.1	66.5	72.0	76.7	80.0	76.8	58.5	50.0	71.7	80.8	78.4	73.0	66.0	62.6
95	3.28	7.83	19.9	34.2	45.8	53.5	56.0	63.2	71.2	77.2	79.5	69.7	57.3	78.7	80.9	75.4	66.6	55.6	50.8
100	3.46	4.82	14.3	26.2	35.7	39.6	42.0	50.7	64.7	74.7	83.3	86.6	86.8	87.9	79.2	71.2	59.2	39.2	33.8
105	3.84	3.57	9.47	19.0	25.6	27.7	30.2	38.3	54.0	71.7	84.3	100	106	95.3	75.0	63.0	45.3	28.8	27.8
110	4.16	3.59	5.10	12.9	18.1	22.3	24.3	30.1	38.8	62.4	76.9	92.5	97.9	87.9	70.8	46.4	26.8	18.1	18.6
115	4.55	3.76	3.38	7.82	13.4	17.4	18.8	21.7	25.0	46.9	64.7	78.2	83.9	73.8	59.3	36.1	15.9	8.63	7.65
120	4.70	4.00	3.56	3.98	8.46	12.1	13.1	14.2	15.7	32.2	48.5	60.0	65.4	56.1	43.1	28.6	19.7	11.9	5.74
125	4.97	4.66	3.81	3.78	3.98	6.80	7.59	9.42	10.9	26.2	35.1	42.2	46.1	39.0	29.8	23.4	23.3	15.1	11.1
130	5.57	5.26	4.28	4.08	3.80	3.47	3.60	9.51	13.9	23.8	27.7	30.7	33.1	28.3	23.0	20.5	22.2	10.6	7.60
135	6.15	5.27	4.64	4.25	4.08	4.03	4.19	10.8	16.8	23.1	23.7	23.7	25.2	21.3	19.9	19.6	14.6	8.72	6.47
140	5.77	4.98	5.21	4.38	4.15	4.33	4.43	9.85	12.8	23.6	22.2	20.5	20.3	19.2	18.9	19.5	5.78	5.47	4.23
145	4.86	4.79	5.50	5.11	4.12	4.23	4.14	8.51	6.18	22.7	21.2	20.5	20.7	19.2	18.7	16.4	3.82	3.77	3.58
150	4.52	4.88	4.32	6.06	5.28	4.71	4.33	6.17	5.43	12.1	18.9	19.7	20.7	18.4	16.3	6.34	4.23	4.37	4.19
155	4.30	4.48	3.92	5.46	6.07	6.15	5.97	6.24	7.20	3.46	7.45	12.7	16.3	12.3	6.85	3.79	5.38	3.66	4.44
160	4.01	3.89	3.69	3.68	3.68	6.46	6.81	6.85	3.47	3.92	3.71	4.22	5.28	4.28	4.37	6.05	3.77	3.61	3.71
165	4.42	4.44	3.76	3.60	3.45	3.40	3.34	3.30	3.46	3.91	7.15	5.26	4.54	5.00	7.49	4.35	3.82	3.69	3.85
170	4.72	4.68	4.57	3.82	3.82	3.60	3.64	3.80	3.95	4.07	4.73	3.74	5.01	5.28	4.92	5.29	5.79	5.45	5.36
175	4.96	4.29	4.20	4.32	3.98	3.88	3.77	3.78	3.96	4.22	3.83	3.39	4.99	5.61	5.72	5.51	5.33	5.59	5.52
180	4.72	4.71	4.68	4.64	4.57	4.53	4.46	4.44	3.90	3.84	3.73	3.54	4.73	4.69	4.67	4.63	4.56	4.50	4.45

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-07-17

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:120.0V I:0.1299A P:14.87W PF:0.9541 Lamp Flux:770.427x1 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	216	215	215	215	215														
5	214	214	213	213	213														
10	211	210	209	209	209														
15	205	204	203	203	202														
20	199	197	196	195	194														
25	192	189	187	186	185														
30	183	180	177	176	174														
35	174	170	166	164	162														
40	164	159	154	151	148														
45	153	148	141	136	133														
50	142	136	128	122	117														
55	131	124	115	106	99.8														
60	120	112	101	90.8	82.2														
65	109	100	87.9	75.5	64.8														
70	98.8	89.0	75.3	61.0	48.5														
75	87.8	77.8	63.4	47.7	33.3														
80	78.4	66.8	52.4	36.3	20.6														
85	67.7	56.6	42.5	26.9	11.7														
90	57.0	47.3	33.9	19.6	6.89														
95	46.8	38.9	26.7	14.0	4.86														
100	33.7	29.8	19.1	8.97	3.90														
105	23.9	19.6	9.98	5.60	3.75														
110	14.5	8.47	4.88	4.70	3.87														
115	4.51	4.47	5.80	4.06	4.11														
120	6.60	7.94	5.40	3.64	4.47														
125	9.68	7.07	4.71	3.84	4.86														
130	6.68	5.52	4.17	4.15	5.35														
135	5.21	4.43	4.02	4.71	5.88														
140	3.92	4.01	4.46	4.82	5.65														
145	3.71	4.52	4.59	4.58	4.81														
150	4.12	4.32	3.84	4.43	5.13														
155	3.45	3.74	3.79	4.28	5.39														
160	3.79	4.39	4.39	4.72	4.61														
165	4.23	4.65	4.65	3.86	3.88														
170	5.14	4.90	4.10	4.25	3.75														
175	5.16	4.80	4.48	4.02	3.87														
180	4.41	3.89	3.83	3.74	3.51														

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-07-17

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: