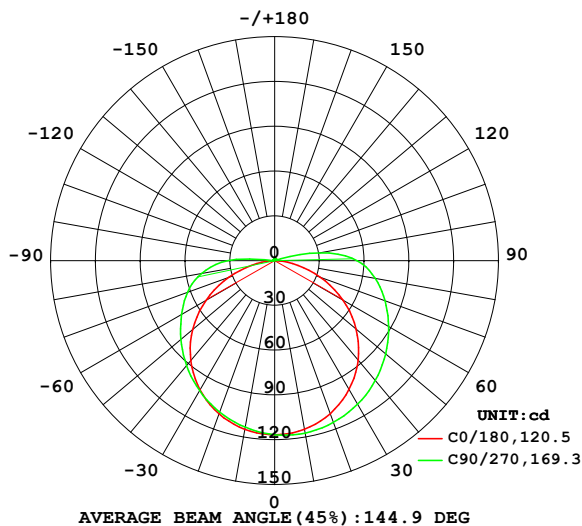


LUMINAIRE PHOTOMETRIC TEST REPORT

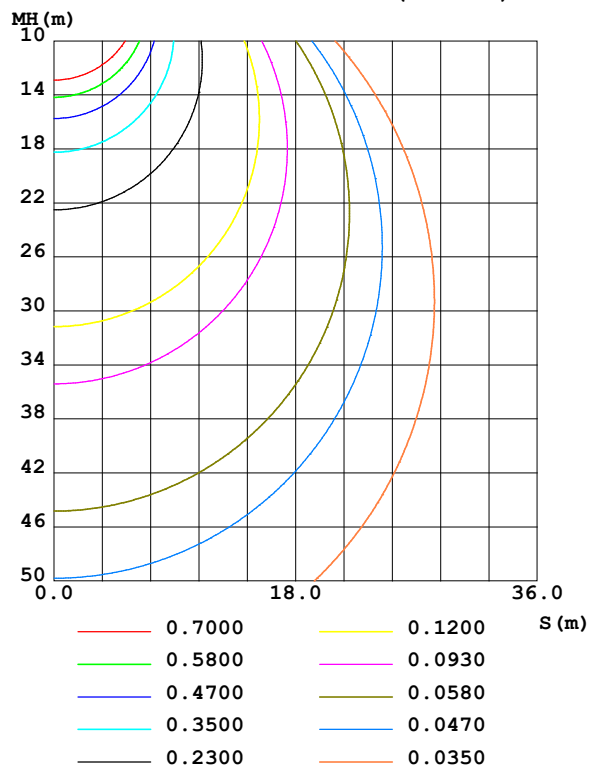
NAME: COB 480LED 24V 3000K	TYPE: 480D COB 24V	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 92.44 lm/W
MODEL	3000K 5W	I _{max} (cd)	117.4	S/MH (C0/180)	1.27	
NOMINAL POWER(W)	5	LOR (%)	100.0	S/MH (C90/270)	1.29	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	458.54	□ UP, DN (C0-180)	3.9, 50.7	
NOMINAL FLUX(lm)	1.91058	CIE CLASS	DIRECT	□ UP, DN (C180-360)	1.3, 44.0	
LAMPS INSIDE	240	□ up (%)	5.3	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	24	□ down (%)	94.7	CIBSE SHR MAX	1.55	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-08-19

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum, lamp
10	114.7	116.4	117.3	116.6	114.8	113.7	113.3	113.5	0- 10	11.06	11.06	2.41,2.41
20	109.0	112.8	115.2	113.2	109.2	107.7	108.0	107.6	10- 20	31.94	43.00	9.38,9.38
30	99.72	106.3	111.1	106.9	100.0	99.24	100.7	99.04	20- 30	49.34	92.34	20.1,20.1
40	87.06	97.39	104.9	98.21	87.44	88.36	91.83	88.19	30- 40	61.49	153.8	33.5,33.5
50	71.29	86.33	97.10	87.42	71.69	75.75	81.99	75.70	40- 50	67.28	221.1	48.2,48.2
60	52.83	74.07	88.17	75.45	53.15	62.46	72.04	62.67	50- 60	66.58	287.7	62.7,62.7
70	32.37	61.79	78.69	63.29	32.58	49.90	62.17	50.40	60- 70	60.29	348.0	75.9,75.9
80	12.30	49.93	68.44	51.53	12.26	37.15	49.81	37.81	70- 80	50.01	398.0	86.8,86.8
90	0.2036	35.95	55.26	37.64	0.1786	20.34	31.36	20.83	80- 90	36.36	434.3	94.7,94.7
100	0.3592	10.95	30.72	12.58	0.3144	0.6492	0.8559	0.6707	90-100	16.49	450.8	98.3,98.3
110	0.5876	0.7203	1.096	0.7394	0.5096	0.7753	0.9629	0.7991	100-110	3.258	454.1	99,99
120	0.8162	0.8653	0.9698	0.8891	0.7214	0.9060	1.053	0.9179	110-120	0.8116	454.9	99.2,99.2
130	1.023	1.008	1.074	1.034	0.9119	1.025	1.122	1.030	120-130	0.8591	455.8	99.4,99.4
140	1.188	1.155	1.172	1.182	1.076	1.146	1.184	1.142	130-140	0.8457	456.6	99.6,99.6
150	1.323	1.289	1.279	1.303	1.214	1.253	1.251	1.253	140-150	0.7620	457.4	99.7,99.7
160	1.430	1.403	1.412	1.412	1.343	1.355	1.367	1.360	150-160	0.6137	458.0	99.9,99.9
170	1.542	1.536	1.540	1.531	1.488	1.489	1.505	1.501	160-170	0.4088	458.4	100,100
180	1.642	1.636	1.655	1.655	1.640	1.636	1.652	1.655	170-180	0.1492	458.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 193.93 lm

%lum = 42.3%

%lamp = 42.3%

Conical surface Flux(130deg): 324.9 lm

%lum = 70.9%

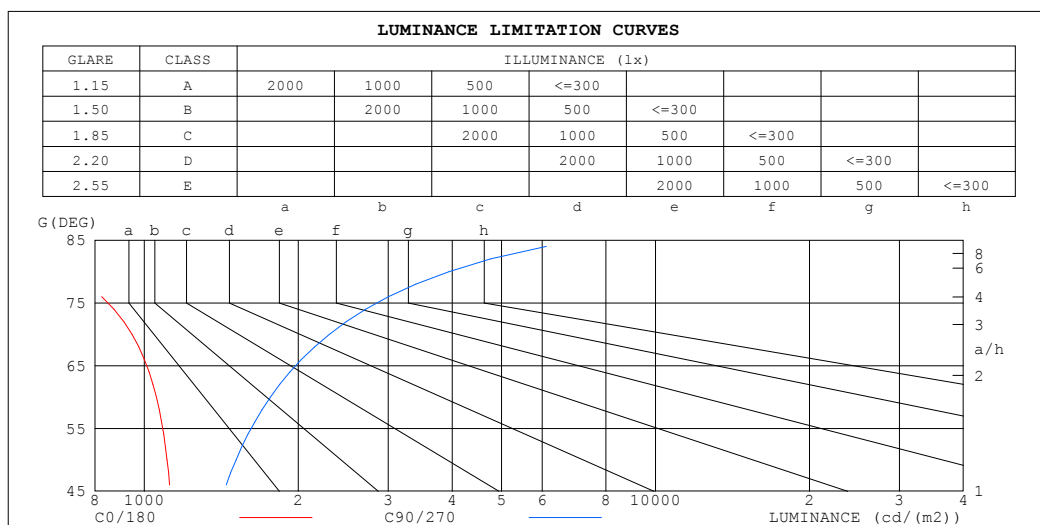
%lamp = 70.9%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: COB 480LED 24V 3000K	TYPE: 480D COB 24V	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	673	7329
80	708	3943
75	928	2888
70	946	2301
65	1060	1998
60	1056	1764
55	1118	1633
50	1108	1511
45	1146	1442

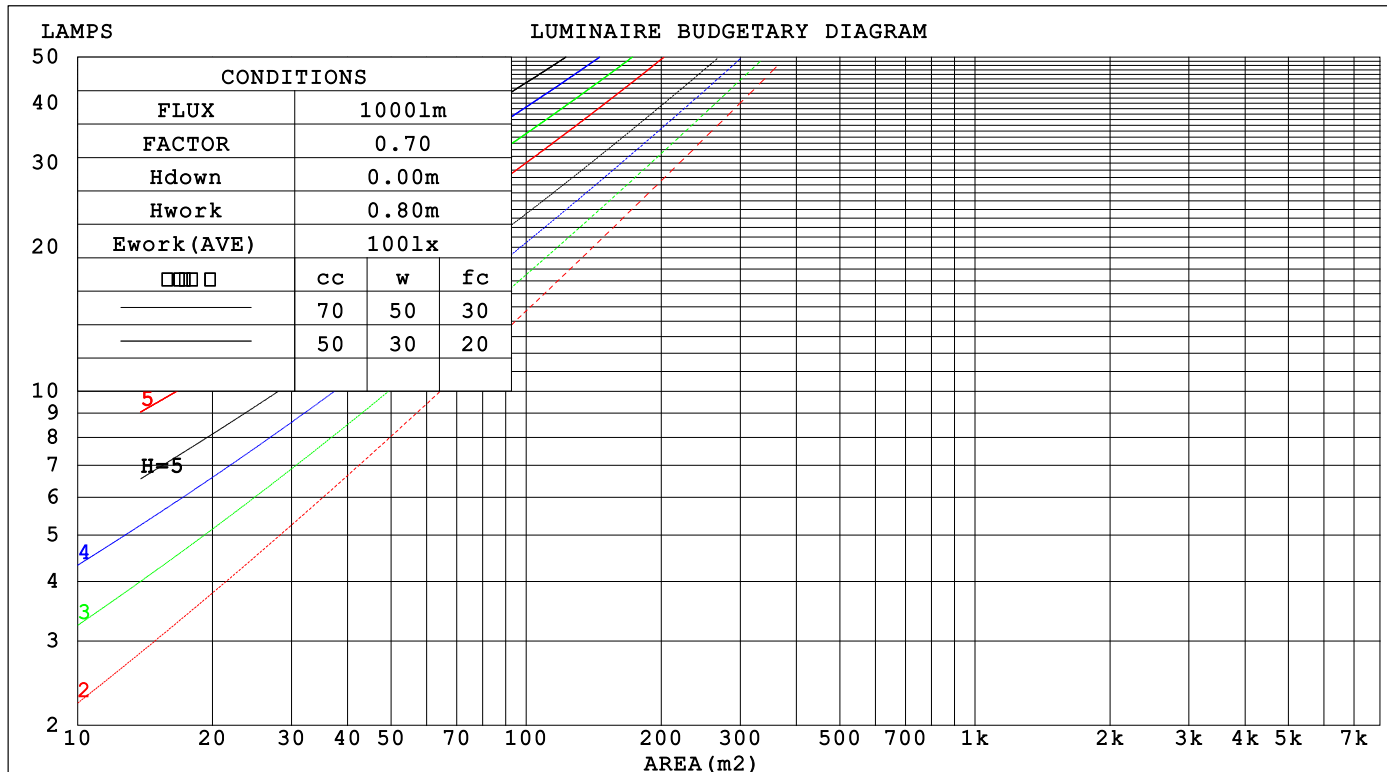
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: COB 480LED 24V 3000K	TYPE: 480D COB 24V	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.97	.97	.97	.95
1.0	.98	.93	.88	.95	.90	.86	.90	.86	.82	.85	.81	.78	.80	.78	.75	.72
2.0	.84	.76	.69	.81	.74	.67	.77	.70	.65	.72	.67	.63	.69	.64	.60	.58
3.0	.72	.63	.56	.70	.62	.55	.67	.59	.53	.63	.57	.52	.60	.54	.50	.47
4.0	.64	.54	.46	.62	.53	.46	.59	.51	.45	.56	.49	.43	.53	.47	.42	.40
5.0	.56	.47	.39	.55	.46	.39	.52	.44	.38	.50	.43	.37	.47	.41	.36	.34
6.0	.51	.41	.34	.49	.40	.34	.47	.39	.33	.45	.38	.32	.43	.36	.31	.29
7.0	.46	.36	.30	.45	.36	.30	.43	.35	.29	.41	.34	.28	.39	.33	.28	.26
8.0	.42	.33	.26	.41	.32	.26	.39	.31	.26	.37	.30	.25	.36	.29	.25	.23
9.0	.38	.29	.24	.37	.29	.23	.36	.28	.23	.34	.27	.23	.33	.27	.22	.20
10.0	.35	.27	.21	.34	.26	.21	.33	.26	.21	.32	.25	.20	.30	.24	.20	.18



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: COB 480LED 24V 3000K	TYPE: 480D COB 24V	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio					Wall Exitance Coefficients(WEC)
0.0						
1.0	.398 .226 .072	.389 .222 .070	.372 .213 .068	.357 .206 .066	.342 .198 .064	
2.0	.344 .189 .058	.337 .185 .057	.322 .179 .056	.308 .173 .054	.295 .167 .053	
3.0	.306 .163 .049	.299 .160 .048	.285 .155 .047	.273 .150 .046	.261 .145 .045	
4.0	.275 .143 .042	.269 .141 .042	.257 .136 .041	.245 .132 .040	.235 .128 .039	
5.0	.250 .127 .037	.244 .125 .036	.233 .121 .036	.223 .118 .035	.214 .114 .034	
6.0	.228 .114 .033	.223 .113 .032	.214 .109 .032	.205 .106 .031	.196 .103 .031	
7.0	.210 .104 .029	.206 .103 .029	.197 .100 .029	.189 .097 .028	.181 .094 .028	
8.0	.195 .095 .027	.191 .094 .027	.183 .091 .026	.176 .089 .026	.169 .087 .025	
9.0	.182 .088 .025	.178 .087 .024	.171 .084 .024	.164 .082 .024	.158 .080 .023	
10.0	.170 .081 .023	.166 .080 .022	.160 .078 .022	.154 .076 .022	.148 .074 .021	

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio					Ceiling Cavity Exitance Coefficients(CCEC)
0.0	.231 .231 .231	.197 .197 .197	.135 .135 .135	.077 .077 .077	.025 .025 .025	
1.0	.227 .196 .168	.194 .168 .145	.133 .116 .100	.076 .067 .058	.024 .022 .019	
2.0	.220 .172 .132	.189 .148 .114	.129 .103 .080	.074 .060 .047	.024 .019 .015	
3.0	.212 .156 .110	.182 .134 .096	.125 .093 .067	.072 .054 .040	.023 .018 .013	
4.0	.204 .143 .096	.175 .123 .083	.121 .086 .059	.070 .050 .035	.022 .016 .011	
5.0	.196 .133 .086	.169 .115 .075	.116 .080 .053	.067 .047 .031	.022 .015 .010	
6.0	.189 .125 .078	.162 .108 .068	.112 .076 .048	.065 .044 .029	.021 .015 .009	
7.0	.181 .118 .073	.156 .102 .064	.108 .072 .045	.063 .042 .027	.020 .014 .009	
8.0	.174 .112 .069	.150 .097 .060	.104 .068 .043	.060 .040 .025	.020 .013 .008	
9.0	.168 .107 .066	.145 .093 .058	.100 .065 .041	.058 .039 .024	.019 .013 .008	
10.0	.162 .103 .064	.140 .089 .055	.097 .063 .039	.056 .037 .024	.018 .012 .008	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: COB 480LED 24V 3000K					TYPE: 480D COB 24V			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					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		15.5	17.1	15.8	17.4	17.7	17.5	19.1	17.9	19.4	19.7
3H		17.1	18.5	17.5	18.9	19.2	20.3	21.8	20.7	22.1	22.4
4H		17.7	19.1	18.1	19.5	19.8	21.8	23.2	22.2	23.6	24.0
6H		18.2	19.5	18.6	19.9	20.3	23.5	24.9	23.9	25.2	25.6
8H		18.3	19.6	18.7	20.0	20.4	24.5	25.7	24.9	26.1	26.6
12H		18.4	19.6	18.8	20.0	20.4	25.5	26.8	26.0	27.2	27.6
4H 2H		16.7	18.1	17.1	18.5	18.8	18.2	19.5	18.5	19.9	20.3
3H		18.6	19.8	19.0	20.2	20.6	21.2	22.4	21.6	22.8	23.2
4H		19.4	20.6	19.9	21.0	21.4	22.9	24.1	23.4	24.5	24.9
6H		20.1	21.1	20.6	21.6	22.1	24.8	25.9	25.3	26.3	26.8
8H		20.3	21.3	20.8	21.8	22.3	25.9	26.9	26.4	27.3	27.9
12H		20.5	21.4	21.0	21.9	22.4	27.1	28.0	27.6	28.5	29.0
8H 4H		20.6	21.5	21.1	22.0	22.5	23.3	24.3	23.8	24.8	25.3
6H		21.7	22.5	22.2	23.0	23.5	25.6	26.4	26.1	26.9	27.4
8H		22.2	22.9	22.7	23.4	24.0	26.8	27.6	27.4	28.1	28.7
12H		22.5	23.2	23.1	23.7	24.3	28.3	29.0	28.9	29.5	30.1
12H 4H		20.9	21.8	21.5	22.3	22.9	23.4	24.3	23.9	24.7	25.3
6H		22.3	23.0	22.8	23.6	24.1	25.7	26.4	26.2	27.0	27.5
8H		23.0	23.6	23.5	24.2	24.8	27.1	27.7	27.7	28.3	28.9
Variations with the observer position at spacings(CIE Pub.117):											
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, 458.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.7)
Area: 0.1 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: COB 480LED 24V 3000K	TYPE: 480D COB 24V	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

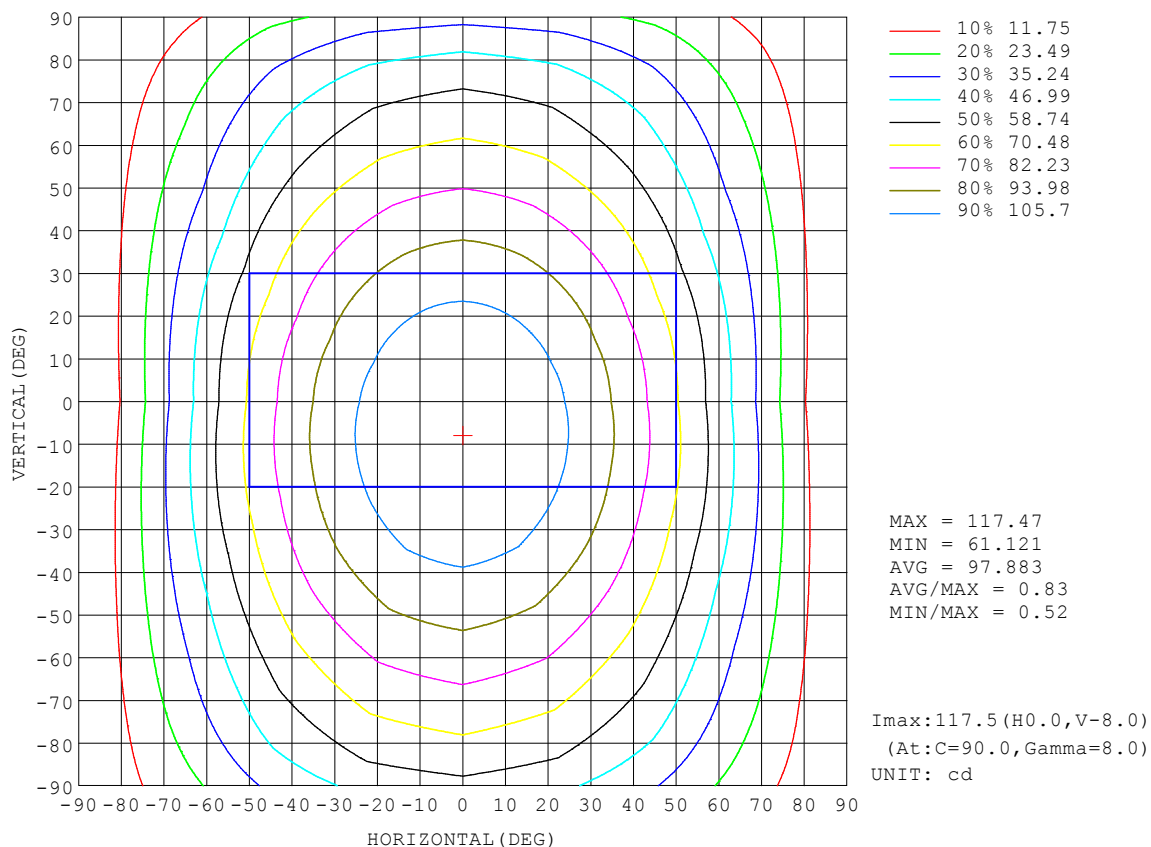
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	51	39	31	50	38	31	49	38	31	24
0.80	61	48	40	59	47	39	57	46	39	31
1.00	68	56	47	67	55	47	64	57	46	38
1.25	75	63	55	74	62	54	70	60	53	45
1.50	80	69	60	78	67	60	75	65	58	49
2.00	88	77	69	85	76	68	81	73	66	57
2.50	92	82	74	90	81	73	85	77	71	61
3.00	96	87	80	93	85	78	88	81	76	65
4.00	100	93	86	98	91	85	92	87	82	71
5.00	103	97	91	100	94	89	95	90	86	74
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-08-19

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: COB 480LED 24V 3000K	TYPE: 480D COB 24V	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

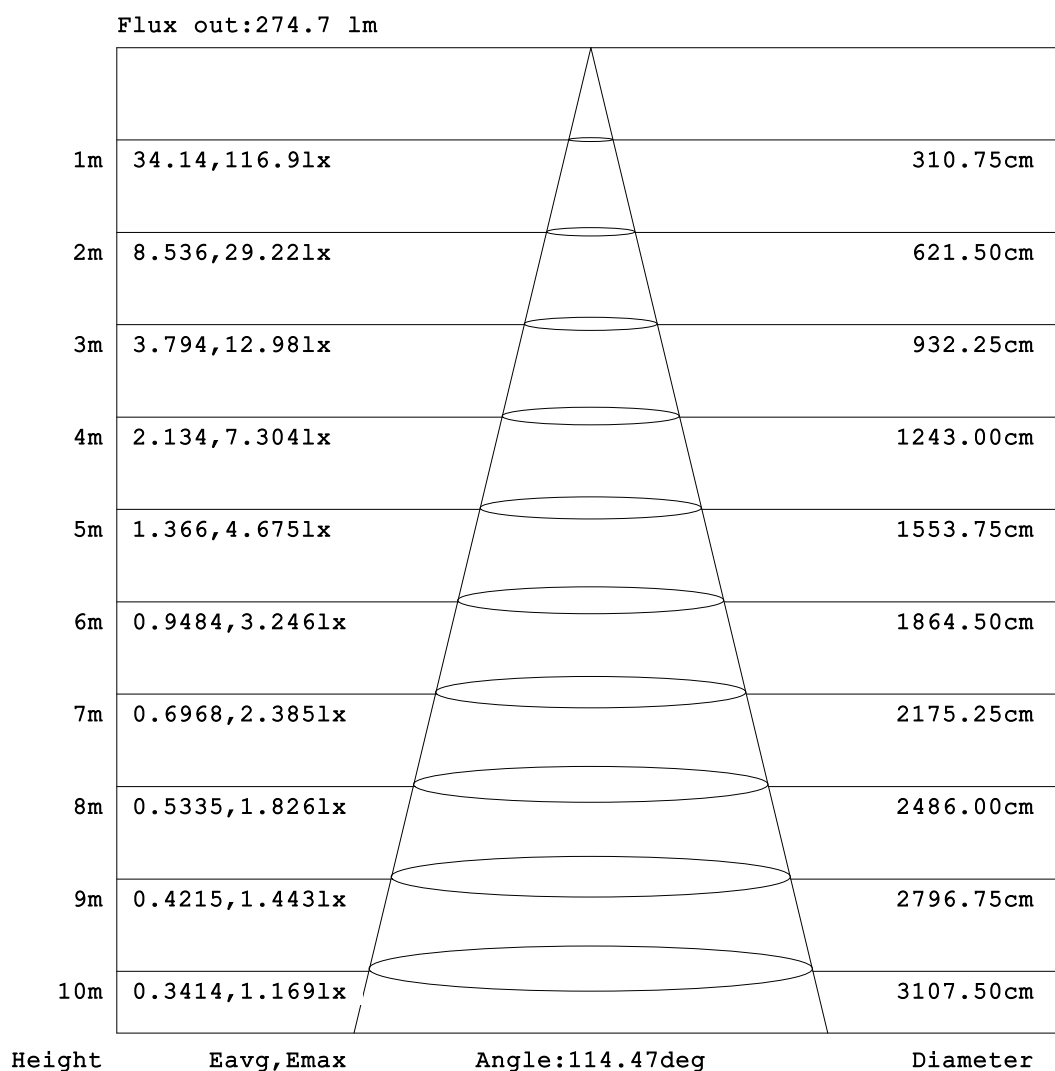


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-08-19

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

AAI Figure

NAME: COB 480LED 24V 3000K	TYPE: 480D COB 24V	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



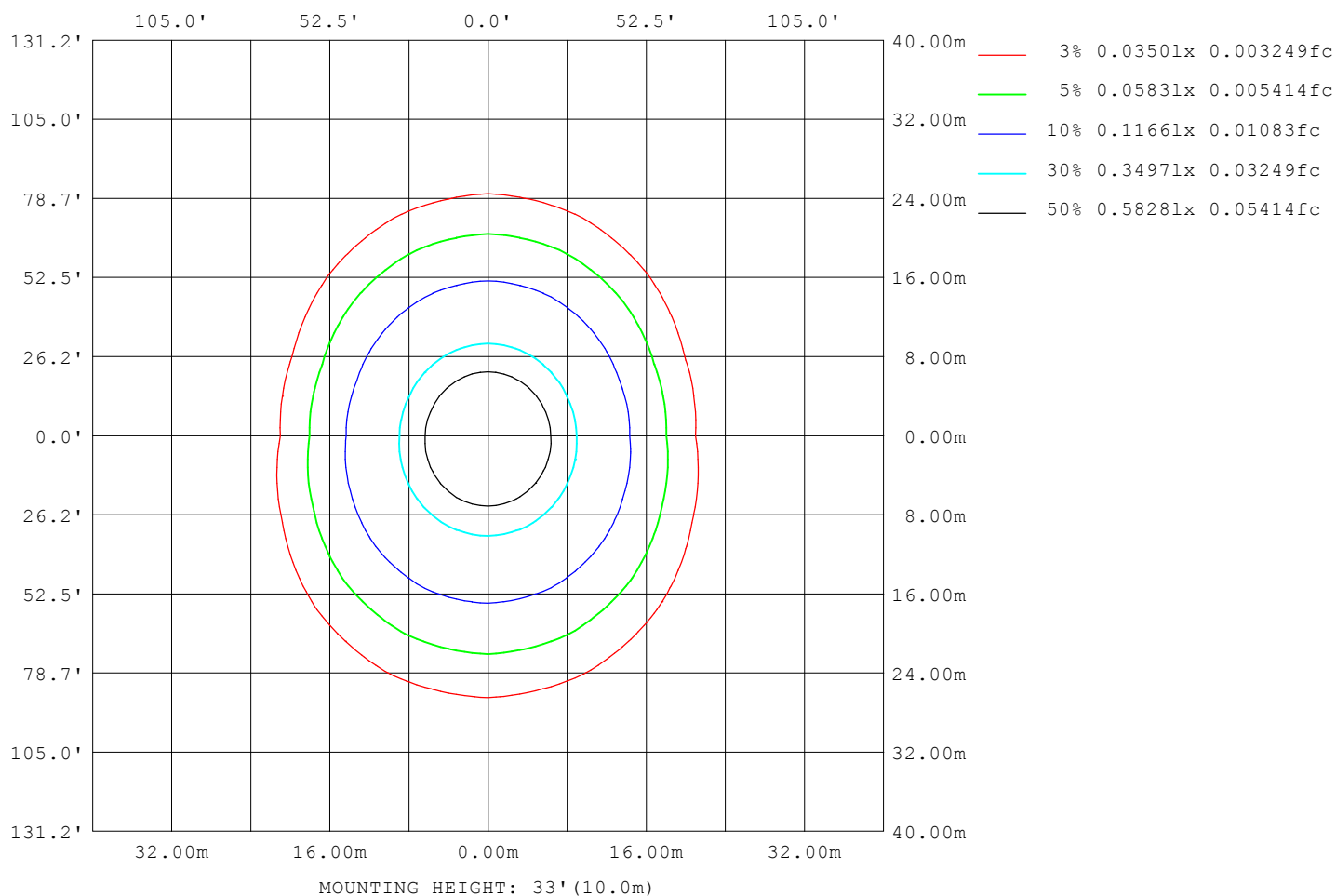
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-08-19

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:5.749m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: COB 480LED 24V 3000K	TYPE: 480D COB 24V	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-08-19

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity: 65.0%
 Test Distance: 5.749m [K=1.0000]
 Remarks:

LED Avg.L Report

NAME: COB 480LED 24V 3000K	TYPE: 480D COB 24V	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

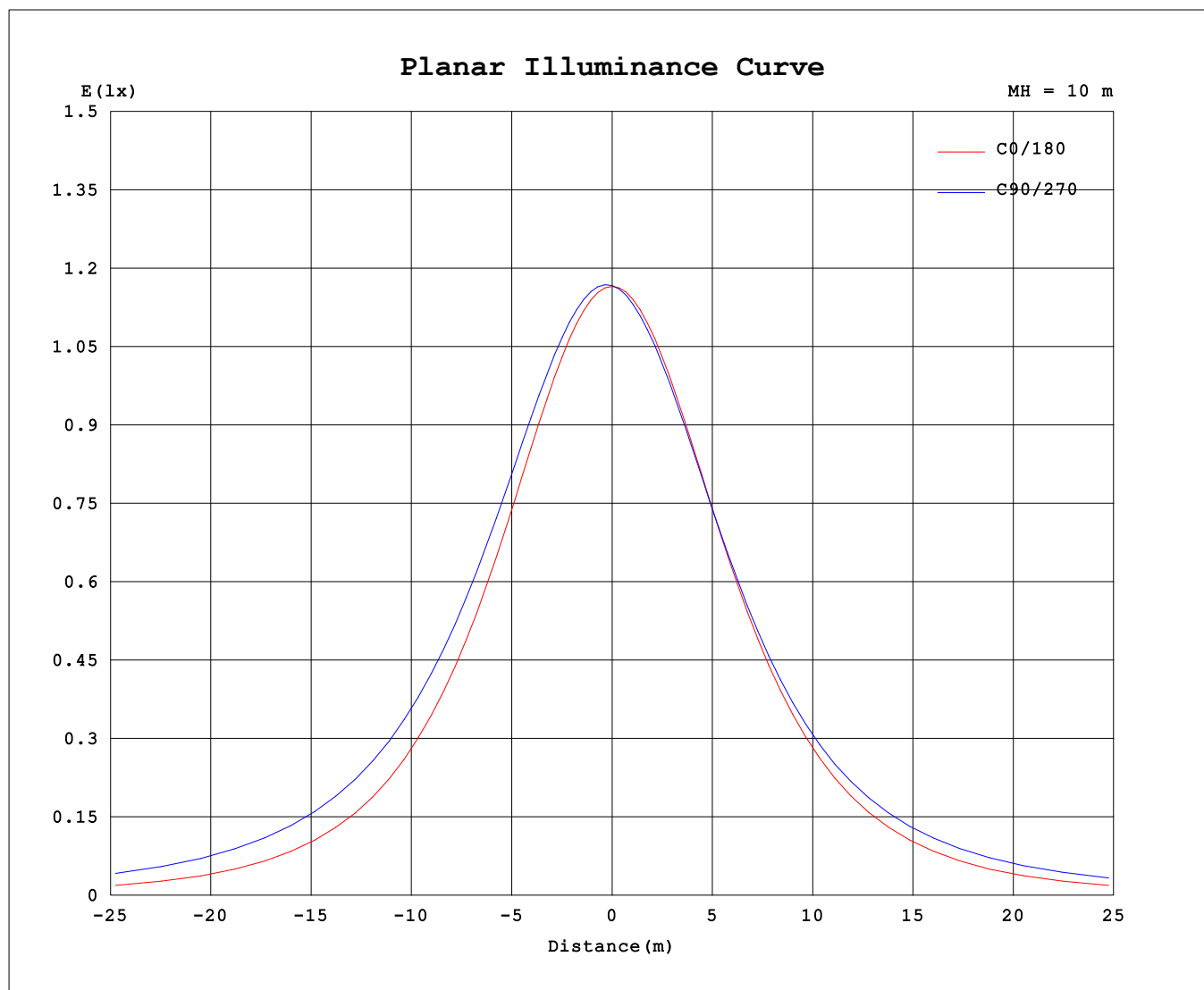
AvgL	cd/m2
L_0~180 (65) av	1015
L_0~180 (75) av	852
L_0~180 (85) av	512
L_90~270 (65) av	1782
L_90~270 (75) av	2517
L_90~270 (85) av	5976
L_45 (65) av	1477
L_45 (75) av	1949
L_45 (85) av	4251

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-08-19

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-08-19

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: COB 480LED 24V 3000K	TYPE: 480D COB 24V	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117			
5	116	117	117	117	117	117	117	117	116	116	116	116	116	116	116	116			
10	115	116	116	117	117	117	117	116	115	114	114	113	113	113	114	114			
15	113	114	115	116	117	117	116	114	113	112	112	111	111	111	111	112			
20	109	111	113	115	115	115	113	111	109	108	108	108	108	108	108	108			
25	106	108	111	113	114	113	111	108	106	105	105	105	105	105	104	104			
30	99.7	103	106	110	111	110	107	103	100	98.6	99.2	100	101	100	99.0	98.4			
35	95.1	98.6	103	107	109	108	104	99.1	95.4	94.0	95.1	96.6	97.3	96.5	94.9	93.8			
40	87.1	91.4	97.4	103	105	103	98.2	92.0	87.4	86.3	88.4	90.8	91.8	90.6	88.2	86.1			
45	81.1	86.0	93.2	99.4	102	100	94.1	86.8	81.5	80.5	83.5	86.6	88.0	86.5	83.3	80.4			
50	71.3	77.4	86.3	94.0	97.1	94.8	87.4	78.3	71.7	71.3	75.7	80.1	82.0	80.1	75.7	71.2			
55	64.2	71.2	81.5	90.3	93.6	91.0	82.7	72.2	64.6	64.7	70.4	75.8	78.0	75.8	70.5	64.7			
60	52.8	61.4	74.1	84.3	88.2	85.1	75.5	62.5	53.2	54.5	62.5	69.3	72.0	69.4	62.7	54.7			
65	44.8	54.7	69.1	80.2	84.4	81.1	70.6	55.9	45.1	47.6	57.3	65.1	68.1	65.2	57.7	48.0			
70	32.4	44.6	61.8	74.1	78.7	75.1	63.3	46.0	32.6	37.5	49.9	58.8	62.2	59.0	50.4	38.2			
75	24.0	38.3	57.1	70.0	74.7	70.9	58.7	39.9	24.2	31.3	45.0	54.3	57.8	54.5	45.7	32.3			
80	12.3	30.0	49.9	63.4	68.4	64.4	51.5	31.5	12.3	22.9	37.2	46.4	49.8	46.6	37.8	24.1			
85	5.87	24.8	44.8	58.7	63.9	59.8	46.5	26.3	5.70	17.3	31.1	40.0	43.4	40.2	31.7	18.6			
90	0.20	16.2	36.0	50.0	55.3	51.2	37.6	17.5	0.18	8.31	20.3	28.3	31.4	28.4	20.8	9.43			
95	0.25	8.41	28.1	42.4	47.6	43.5	29.8	9.58	0.22	0.36	5.59	13.7	16.9	13.4	5.67	0.40			
100	0.36	0.42	11.0	25.4	30.7	26.6	12.6	0.44	0.31	0.45	0.65	0.80	0.86	0.81	0.67	0.47			
105	0.45	0.48	0.82	12.4	17.5	13.6	1.34	0.51	0.39	0.51	0.70	0.85	0.90	0.86	0.72	0.53			
110	0.59	0.59	0.72	0.83	1.10	0.84	0.74	0.62	0.51	0.61	0.78	0.91	0.96	0.92	0.80	0.62			
115	0.68	0.67	0.78	0.87	0.91	0.88	0.80	0.70	0.60	0.68	0.83	0.95	1.00	0.97	0.85	0.69			
120	0.82	0.79	0.87	0.93	0.97	0.95	0.89	0.82	0.72	0.78	0.91	1.01	1.05	1.02	0.92	0.79			
125	0.90	0.87	0.92	0.98	1.01	1.00	0.95	0.90	0.80	0.85	0.95	1.04	1.08	1.05	0.96	0.86			
130	1.02	0.99	1.01	1.05	1.07	1.07	1.03	1.01	0.91	0.95	1.02	1.09	1.12	1.10	1.03	0.97			
135	1.09	1.06	1.07	1.10	1.12	1.12	1.09	1.08	0.98	1.02	1.08	1.13	1.14	1.13	1.08	1.03			
140	1.19	1.16	1.16	1.16	1.17	1.19	1.18	1.17	1.08	1.10	1.15	1.19	1.18	1.18	1.14	1.11			
145	1.25	1.22	1.21	1.21	1.21	1.24	1.23	1.23	1.14	1.15	1.19	1.22	1.20	1.21	1.19	1.17			
150	1.32	1.30	1.29	1.27	1.28	1.31	1.30	1.31	1.21	1.23	1.25	1.28	1.25	1.26	1.25	1.25			
155	1.37	1.35	1.33	1.32	1.33	1.35	1.35	1.36	1.26	1.28	1.29	1.31	1.29	1.29	1.30	1.30			
160	1.43	1.42	1.40	1.38	1.41	1.41	1.41	1.42	1.34	1.35	1.36	1.37	1.37	1.35	1.36	1.37			
165	1.48	1.47	1.45	1.43	1.46	1.46	1.46	1.47	1.40	1.40	1.41	1.42	1.42	1.40	1.41	1.43			
170	1.54	1.54	1.54	1.52	1.54	1.53	1.53	1.54	1.49	1.49	1.49	1.50	1.50	1.48	1.50	1.52			
175	1.59	1.59	1.58	1.58	1.60	1.59	1.58	1.59	1.55	1.55	1.55	1.56	1.56	1.55	1.56	1.58			
180	1.64	1.64	1.64	1.64	1.65	1.64	1.65	1.66	1.64	1.64	1.64	1.64	1.65	1.64	1.65	1.66			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-08-19

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks: