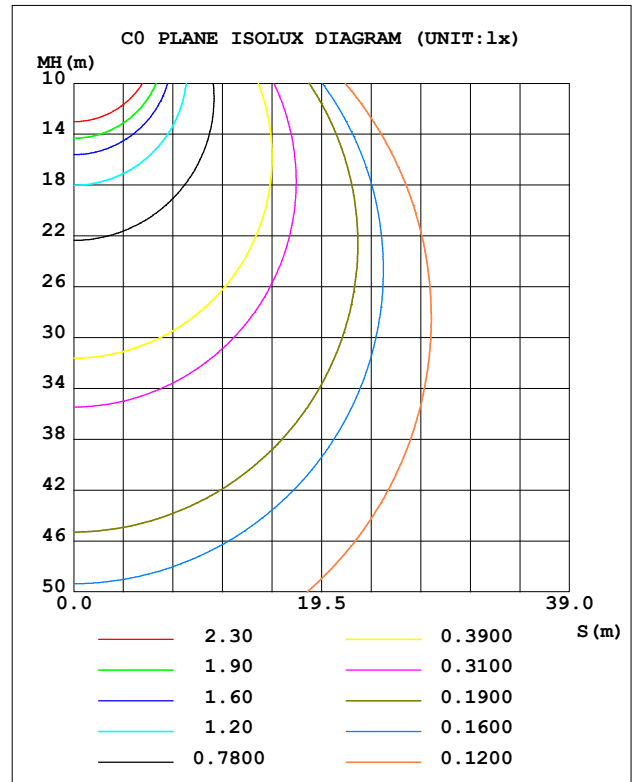
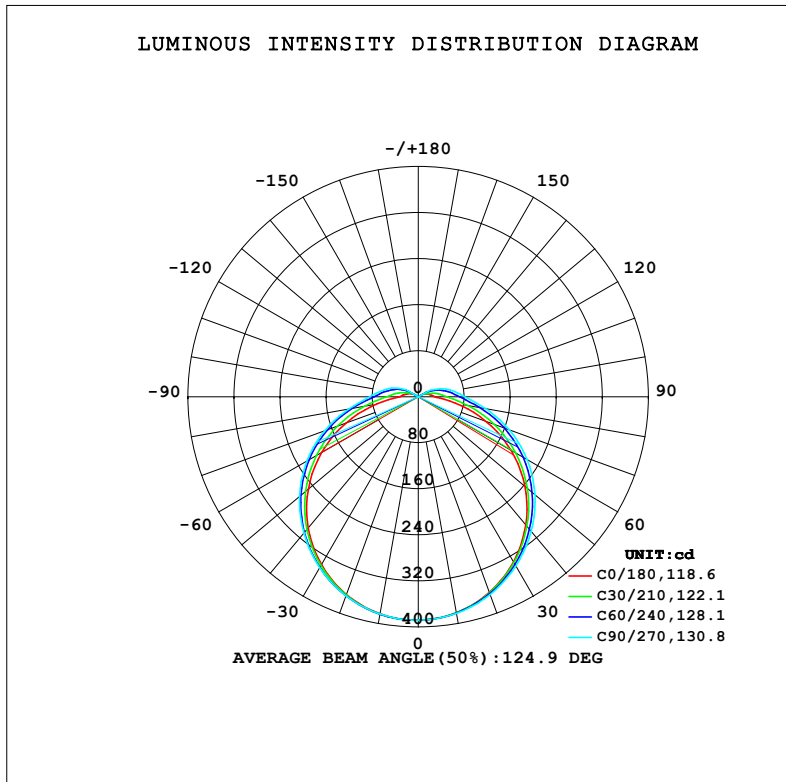


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: 95BLN1540S/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 200 x 100 x 45	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: Elipse	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	95BLN1540S/WH	Imax (cd)	388.3	S/MH (C0/180)	1.29
NOMINAL POWER (W)	15	LOR (%)	106.9	S/MH (C90/270)	1.32
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	1443.7	$\eta$ UP, DN (C0-180)	4.3, 48.7
NOMINAL FLUX (lm)	1350	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	4.5, 49.5
LAMPS INSIDE	1	$\eta$ up (%)	8.8	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	230	$\eta$ down (%)	98.2	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators:  
Test Date: 04 January 2023

$\gamma$  Range: 0 - 120DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 6.340m [K=1.0000]  
Remarks:

### ZONAL FLUX DIAGRAM

#### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	381.1	381.3	382.1	382.6	383.0	383.5	383.5	382.4	0- 10	36.79	36.79	2.55,2.72
20	361.7	362.9	365.6	365.5	365.5	367.2	367.9	364.9	10- 20	105.9	142.7	9.89,10.6
30	331.2	334.5	339.5	338.0	336.6	340.5	342.8	337.2	20- 30	162.6	305.3	21.1,22.6
40	290.8	297.1	305.3	301.4	297.4	304.5	309.3	300.4	30- 40	200.4	505.8	35,37.5
50	242.0	252.7	264.7	257.5	249.5	261.1	269.2	256.5	40- 50	215.8	721.5	50,53.4
60	186.0	203.2	218.5	208.2	194.1	212.2	223.3	207.2	50- 60	207.8	929.3	64.4,68.8
70	125.2	150.4	168.4	155.3	133.6	159.3	173.1	154.3	60- 70	178.2	1107	76.7,82
80	65.81	98.57	118.2	102.9	72.99	106.6	122.5	102.0	70- 80	132.7	1240	85.9,91.9
90	29.25	61.88	80.96	64.57	32.72	67.29	84.50	64.14	80- 90	85.08	1325	91.8,98.2
100	21.59	43.78	60.82	45.69	24.20	47.91	63.83	45.57	90-100	57.06	1382	95.7,102
110	14.82	25.80	41.72	28.37	16.68	30.59	45.00	28.91	100-110	38.38	1421	98.4,105
120	9.045	12.89	22.10	14.00	10.15	15.10	24.58	14.17	110-120	21.55	1442	99.9,107
130	0	0	0	0	0	0	0	0	120-130	1.430	1444	100,107
140	0	0	0	0	0	0	0	0	130-140	0	1444	100,107
150	0	0	0	0	0	0	0	0	140-150	0	1444	100,107
160	0	0	0	0	0	0	0	0	150-160	0	1444	100,107
170	0	0	0	0	0	0	0	0	160-170	0	1444	100,107
180	0	0	0	0	0	0	0	0	170-180	0	1444	100,107
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 634.89 lm

%lum = 44.0%

%lamp = 47.0%

Conical surface Flux(130deg): 1040.9 lm

%lum = 72.1%

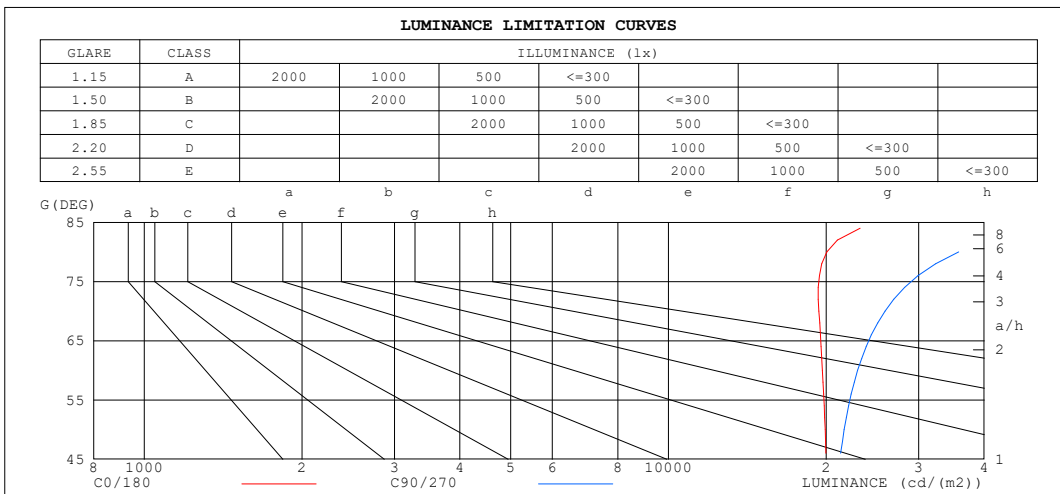
%lamp = 77.1%

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:  
Test Date:04 January 2023

$\gamma$  Range: 0 - 120DEG  
 $\gamma$  Interval: 2.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.340m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

NAME: 95BLN1540S/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 200 x 100 x 45	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: Elipse	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	27823	60508
80	20032	35769
75	20552	30046
70	19353	25871
65	20280	24709
60	19667	22955
55	20305	22615
50	19898	21638
45	20347	21535

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 04 January 2023

γ Range: 0 - 120DEG  
 γ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 6.340m [K=1.0000]  
 Remarks:

```

γ Range: 0 - 120DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.340m [K=1.0000]
Remarks:

```

## WEC AND CCEC

NAME: 95BLN1540S/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 200 x 100 x 45	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: Elipse	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.392	.223	.071	.381	.218	.069	.362	.208	.066	.344	.198	.064	.328	.190	.061	
2.0	.347	.190	.058	.338	.186	.057	.320	.178	.055	.304	.171	.053	.289	.164	.052	
3.0	.312	.166	.050	.304	.163	.049	.288	.156	.047	.273	.150	.046	.260	.144	.045	
4.0	.283	.147	.043	.275	.144	.043	.261	.138	.041	.248	.133	.040	.236	.128	.039	
5.0	.258	.132	.038	.251	.129	.038	.239	.124	.037	.227	.120	.036	.216	.115	.035	
6.0	.237	.119	.034	.231	.117	.034	.220	.113	.033	.209	.109	.032	.199	.105	.031	
7.0	.219	.108	.031	.214	.107	.030	.203	.103	.030	.194	.099	.029	.185	.096	.028	
8.0	.204	.100	.028	.199	.098	.028	.189	.095	.027	.181	.091	.026	.172	.088	.026	
9.0	.190	.092	.026	.186	.090	.025	.177	.088	.025	.169	.085	.024	.161	.082	.024	
10.0	.178	.085	.024	.174	.084	.023	.166	.081	.023	.159	.079	.022	.152	.076	.022	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.271	.271	.271	.231	.231	.231	.158	.158	.158	.091	.091	.091	.029	.029	.029	
1.0	.264	.234	.206	.226	.201	.178	.155	.138	.123	.089	.080	.071	.029	.026	.023	
2.0	.257	.209	.168	.220	.180	.146	.151	.124	.102	.087	.072	.060	.028	.023	.019	
3.0	.249	.191	.144	.213	.164	.125	.146	.114	.088	.084	.067	.052	.027	.022	.017	
4.0	.240	.177	.128	.206	.153	.112	.142	.106	.079	.082	.062	.046	.026	.020	.015	
5.0	.232	.166	.117	.199	.144	.102	.137	.100	.072	.080	.059	.043	.026	.019	.014	
6.0	.224	.157	.110	.193	.136	.095	.133	.095	.067	.077	.056	.040	.025	.018	.013	
7.0	.216	.150	.104	.186	.130	.090	.129	.091	.064	.075	.054	.038	.024	.018	.013	
8.0	.209	.144	.099	.180	.125	.087	.125	.088	.061	.073	.052	.037	.023	.017	.012	
9.0	.203	.139	.096	.174	.121	.084	.121	.085	.059	.070	.050	.035	.023	.016	.012	
10.0	.196	.134	.093	.169	.117	.081	.117	.082	.058	.068	.049	.034	.022	.016	.011	

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:  
Test Date:04 January 2023

γ Range: 0 - 120DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.340m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

NAME: 95BLN1540S/WH					TYPE:			WEIGHT: 1			
SPEC.:					DIM.: 200 x 100 x 45			SERIAL No.: 0			
MFR.: Elmark Industries JSC					SUR.: Elipse			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	21.5	23.0	21.9	23.4	23.7	22.2	23.7	22.6	24.0	24.4
	3H	23.3	24.6	23.7	25.0	25.4	24.3	25.7	24.8	26.1	26.5
	4H	24.0	25.3	24.5	25.7	26.2	25.4	26.8	25.9	27.2	27.6
	6H	24.7	25.9	25.1	26.3	26.8	26.6	27.8	27.0	28.2	28.7
	8H	25.0	26.2	25.4	26.6	27.1	27.2	28.4	27.6	28.8	29.3
	12H	25.2	26.4	25.7	26.8	27.3	27.9	29.0	28.3	29.5	29.9
4H	2H	22.3	23.6	22.8	24.0	24.5	22.8	24.1	23.3	24.5	25.0
	3H	24.3	25.4	24.8	25.9	26.4	25.2	26.3	25.7	26.8	27.3
	4H	25.2	26.3	25.7	26.7	27.2	26.5	27.5	27.0	28.0	28.5
	6H	26.0	27.0	26.5	27.5	28.0	27.8	28.7	28.3	29.2	29.8
	8H	26.4	27.3	26.9	27.8	28.4	28.5	29.4	29.1	29.9	30.5
	12H	26.7	27.6	27.3	28.1	28.7	29.3	30.1	29.9	30.7	31.3
8H	4H	25.8	26.7	26.3	27.2	27.7	26.8	27.7	27.4	28.2	28.8
	6H	26.9	27.6	27.4	28.2	28.8	28.4	29.2	29.0	29.7	30.3
	8H	27.4	28.1	28.0	28.6	29.3	29.3	30.0	29.9	30.6	31.2
	12H	27.9	28.5	28.5	29.1	29.7	30.4	31.0	31.0	31.5	32.2
12H	4H	25.9	26.7	26.5	27.3	27.8	26.9	27.7	27.4	28.2	28.8
	6H	27.1	27.8	27.7	28.4	29.0	28.6	29.2	29.1	29.8	30.4
	8H	27.8	28.4	28.4	28.9	29.6	29.6	30.1	30.2	30.7	31.4
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 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1350 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.0)  
Area: 0.018997 m2

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:  
Test Date:04 January 2023

γ Range: 0 - 120DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.340m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

NAME: 95BLN1540S/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 200 x 100 x 45	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: Elipse	Shielding Angle:

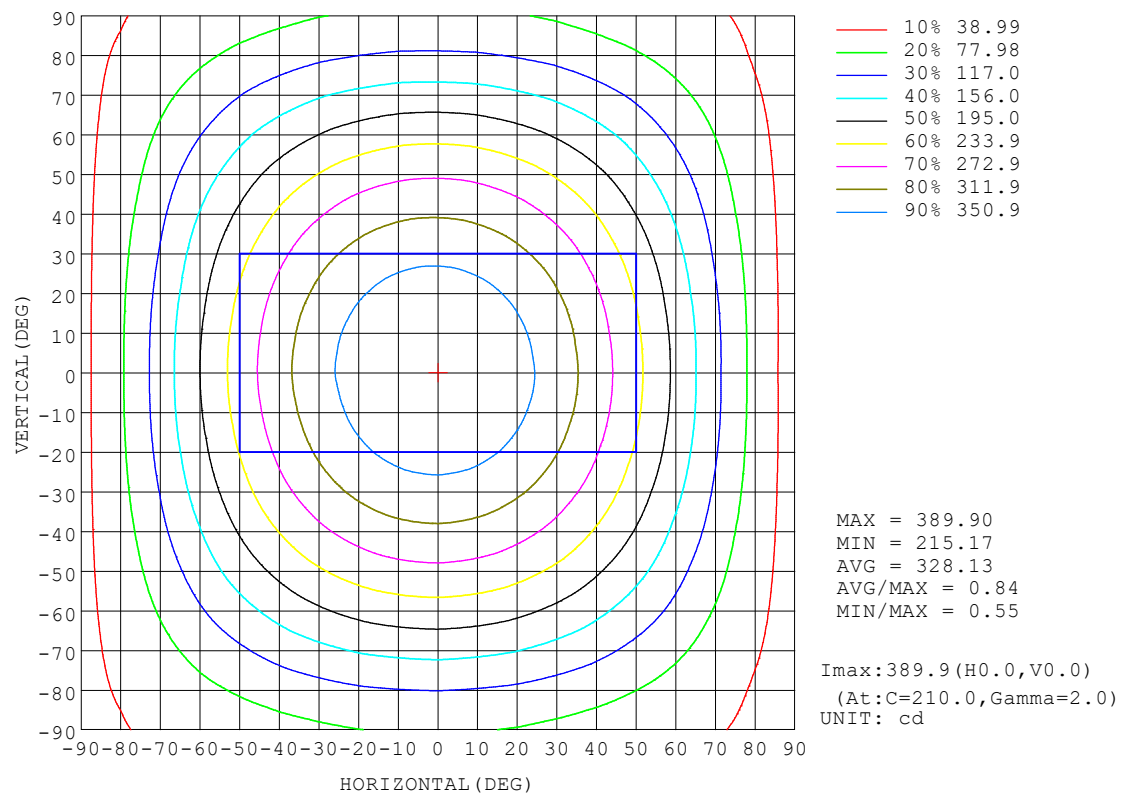
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	42	34	54	42	34	53	41	34	27
0.80	65	52	43	64	51	43	62	50	43	35
1.00	74	61	52	72	60	52	69	61	51	42
1.25	81	69	60	79	68	59	76	66	58	49
1.50	87	75	66	85	73	65	81	71	64	54
2.00	95	84	75	92	82	74	87	79	72	62
2.50	99	89	81	96	87	80	91	83	77	66
3.00	103	94	87	100	92	85	94	88	82	71
4.00	108	100	94	105	98	92	99	93	88	76
5.00	111	104	98	107	101	96	101	96	92	79
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators:  
Test Date: 04 January 2023

γ Range: 0 - 120DEG  
γ Interval: 2.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 6.340m [K=1.0000]  
Remarks:

# ISOCANDELA DIAGRAM

NAME: 95BLN1540S/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 200 x 100 x 45	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: Elipse	Shielding Angle:



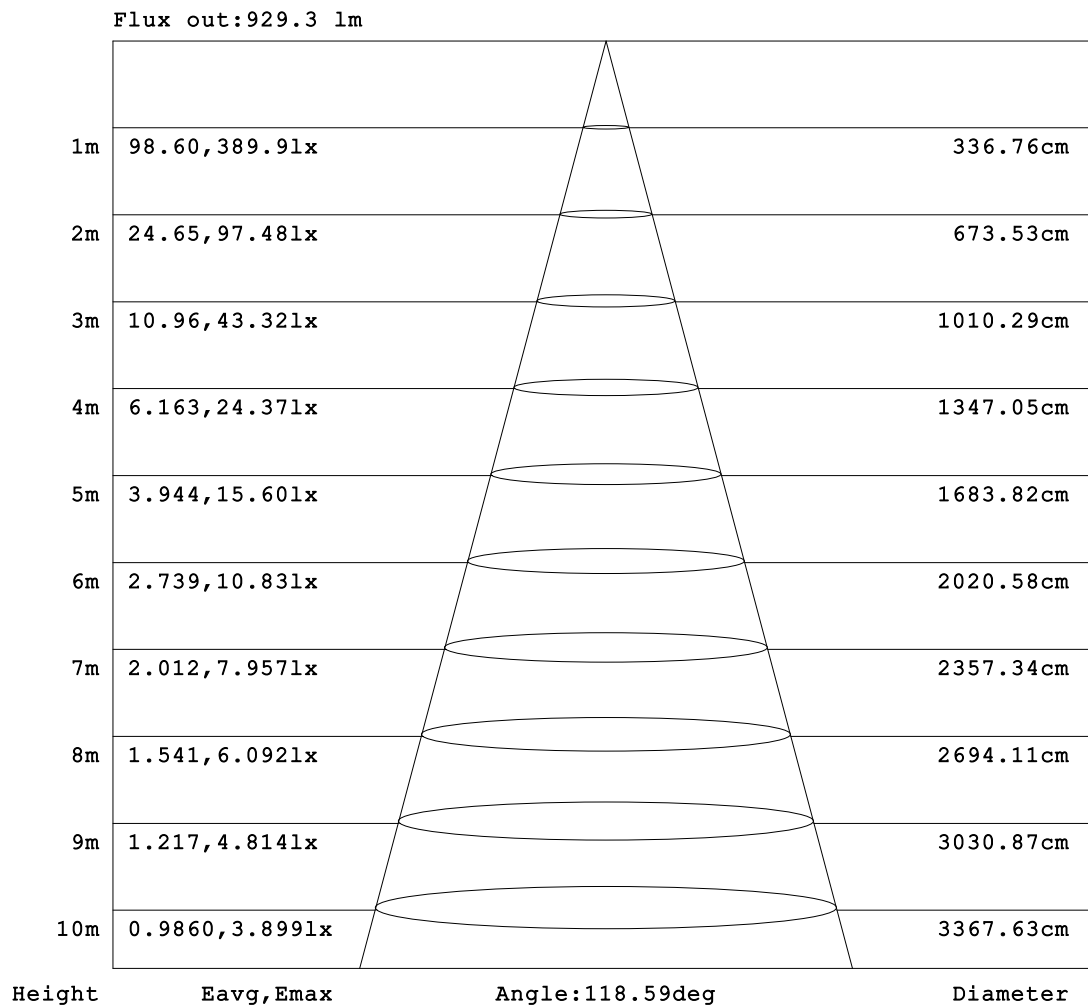
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:  
Test Date:04 January 2023

$\gamma$  Range: 0 - 120DEG  
 $\gamma$  Interval: 2.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.340m [K=1.0000]  
Remarks:



**AAI Figure**

NAME: 95BLN1540S/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 200 x 100 x 45	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: Elipse	Shielding Angle:



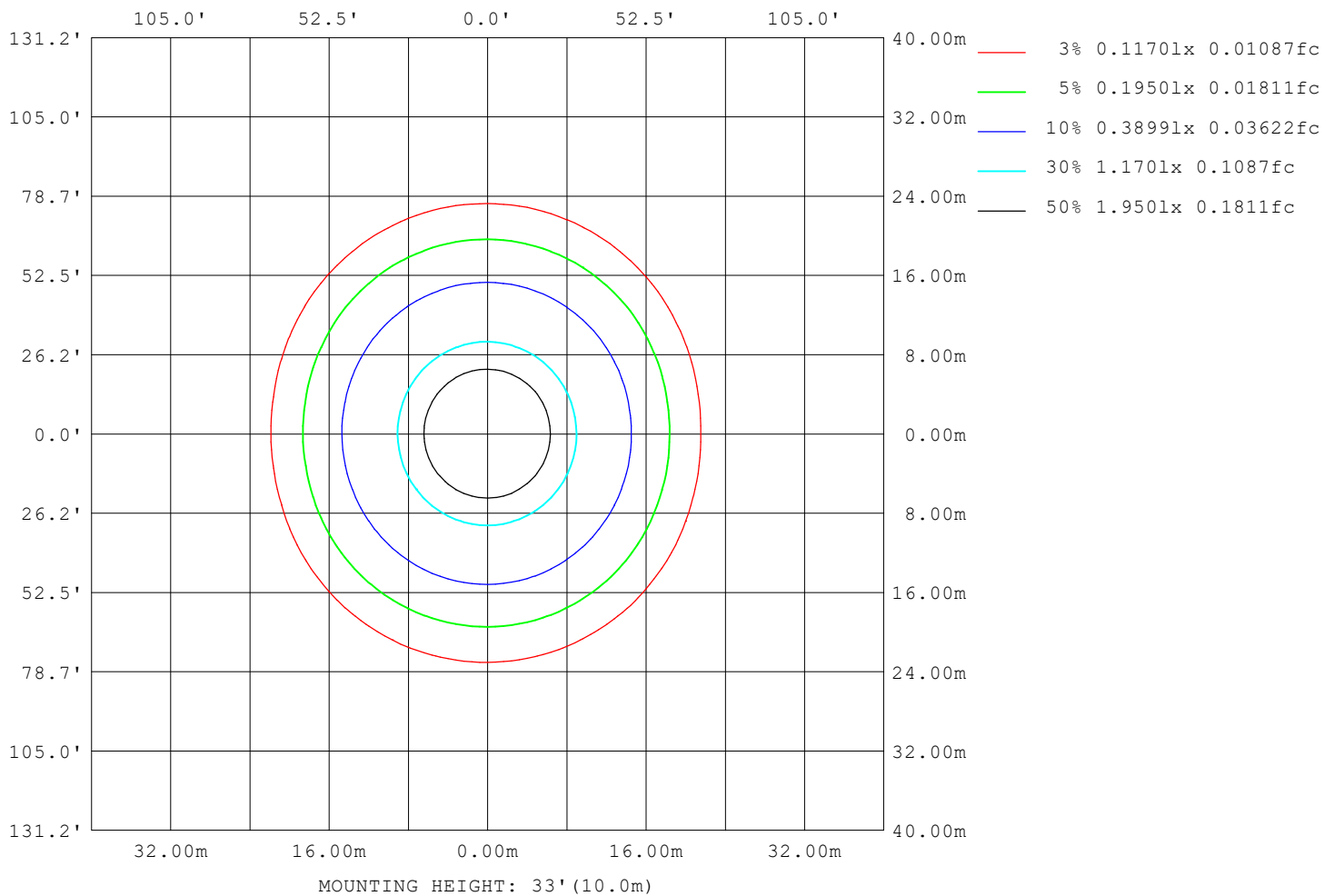
**Note:** The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 04 January 2023

γ Range: 0 - 120DEG  
 γ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 6.340m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

NAME: 95BLN1540S/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 200 x 100 x 45	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: Elipse	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators:  
 Test Date: 04 January 2023

γ Range: 0 - 120DEG  
 γ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
 Humidity: 65.0%  
 Test Distance: 6.340m [K=1.0000]  
 Remarks:

### LED Avg.L Report

NAME: 95BLN1540S/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 200 x 100 x 45	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: Elipse	Shielding Angle:

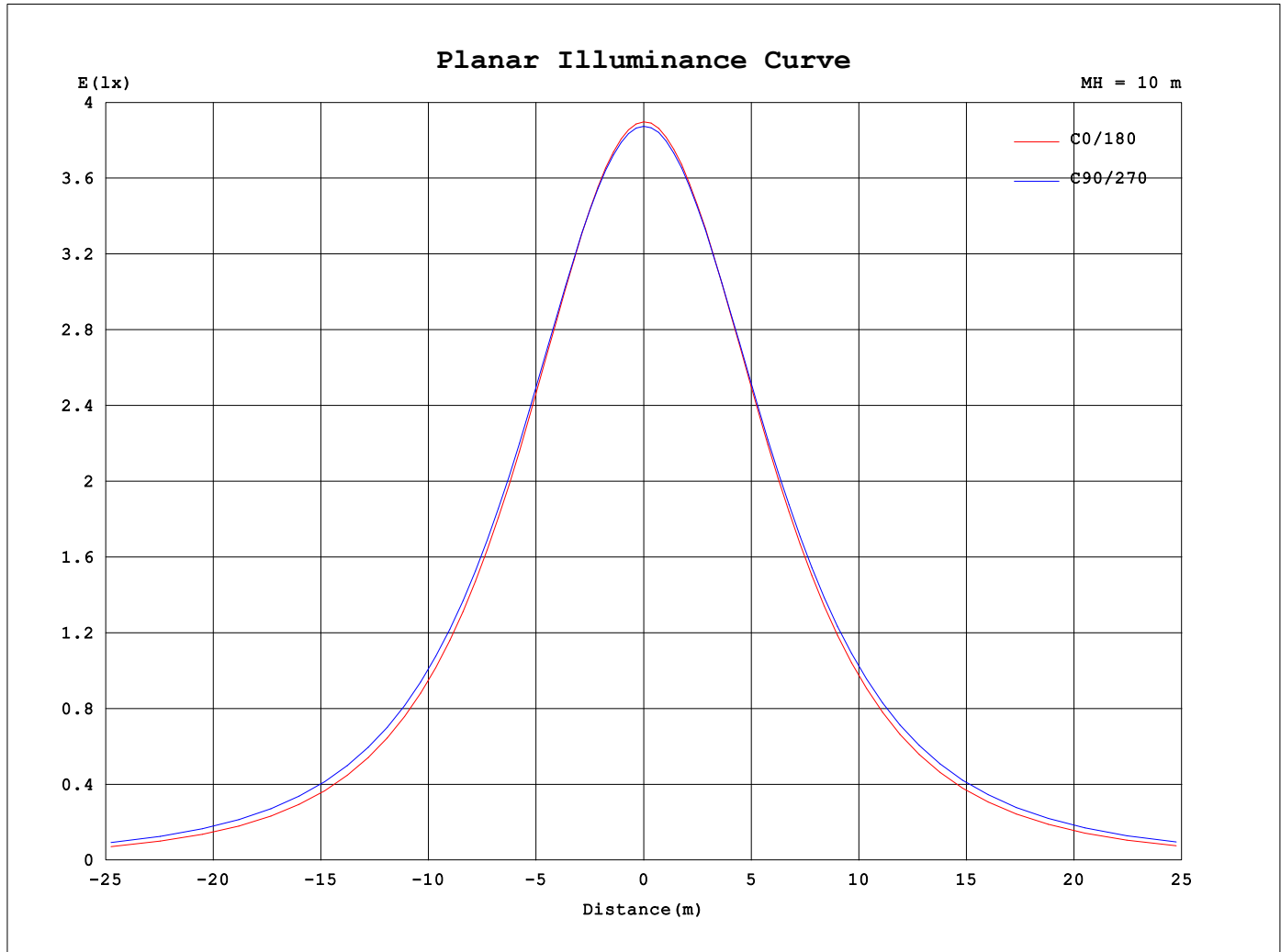
AvgL	cd/m2
L_0~180 (65) av	19958
L_0~180 (75) av	20068
L_0~180 (85) av	26998
L_90~270 (65) av	24433
L_90~270 (75) av	29528
L_90~270 (85) av	59419
L_45 (65) av	22617
L_45 (75) av	26083
L_45 (85) av	48491

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:  
Test Date:04 January 2023

γ Range: 0 - 120DEG  
γ Interval: 2.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.340m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators:  
Test Date: 04 January 2023

$\gamma$  Range: 0 - 120DEG  
 $\gamma$  Interval: 2.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 6.340m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 95BLN1540S/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 200 x 100 x 45	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: Elipse	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	388	388	388	388	388	388	388	388	388	388	388	388	388	388	388	388	388	388	388
5	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	388	388	388	388
10	381	381	381	381	381	381	382	382	382	382	382	382	382	383	383	383	383	383	383
15	375	375	375	375	375	376	376	376	376	377	377	377	377	377	377	377	377	377	377
20	362	362	362	362	363	363	364	365	365	366	366	366	366	366	366	365	365	365	365
25	351	351	351	352	352	353	354	355	356	356	356	357	356	356	355	355	355	355	355
30	331	331	331	333	334	335	336	338	339	340	339	340	339	339	338	337	336	336	337
35	316	316	317	318	319	321	323	325	326	327	327	327	326	325	324	323	322	322	322
40	291	291	292	294	296	299	300	303	304	305	305	305	303	302	300	299	298	297	297
45	272	273	274	276	278	282	284	287	289	290	290	289	287	286	283	282	280	279	279
50	242	243	244	247	251	255	258	261	263	265	264	264	261	259	256	253	251	249	249
55	220	221	223	227	231	236	240	243	245	247	246	246	243	240	236	233	230	228	228
60	186	187	190	195	200	206	210	214	217	218	218	217	214	211	206	202	197	195	194
65	162	164	167	174	179	185	190	195	197	199	198	197	194	190	185	180	174	171	170
70	125	128	133	141	147	154	159	164	166	168	168	166	162	158	152	147	140	135	134
75	101	104	110	118	125	133	138	143	146	148	147	146	141	137	131	124	117	111	109
80	65.8	70.2	78.0	87.0	94.6	103	108	114	116	118	117	116	111	106	99.3	92.4	84.0	76.7	73.0
85	45.9	51.0	59.4	68.6	76.8	84.6	90.4	95.8	98.5	100	99.4	97.6	93.0	88.0	81.0	73.4	64.8	56.8	52.2
90	29.3	33.3	41.2	49.9	58.1	65.7	71.7	76.6	79.5	81.0	80.2	77.9	73.6	68.1	61.1	53.3	44.8	37.0	32.7
95	26.1	28.2	34.7	42.8	50.6	57.8	63.7	68.3	71.1	72.4	71.6	69.4	65.2	59.8	53.1	45.7	37.8	31.3	29.1
100	21.6	22.0	26.2	33.4	40.4	47.1	52.6	57.0	59.6	60.8	60.1	57.9	54.0	48.8	42.5	35.8	28.8	24.6	24.2
105	18.8	18.9	21.0	25.7	33.9	40.4	45.7	49.8	52.3	53.4	52.7	50.6	46.8	42.0	36.0	29.3	23.2	21.1	21.1
110	14.8	14.9	15.4	17.1	22.1	29.5	35.0	39.2	41.2	41.7	41.7	40.0	36.4	31.5	25.2	19.9	17.1	16.7	16.7
115	12.4	12.4	12.6	14.0	16.8	21.6	26.7	30.9	32.6	32.4	33.5	32.3	28.8	24.0	19.0	15.7	13.9	14.0	14.0
120	9.05	9.05	9.15	9.34	11.6	14.2	16.9	19.3	21.3	22.1	22.2	20.7	18.4	15.5	12.5	10.3	10.2	10.2	10.1
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3°C

Operators:

Test Date:04 January 2023

γ Range: 0 - 120DEG

γ Interval: 2.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456

Humidity:65.0%

Test Distance:6.340m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 95BLN1540S/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 200 x 100 x 45	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: Elipse	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	388	388	388	388	388	388	388	388	388	388	388	388	388	388	388	388	388		
5	388	388	388	388	388	388	388	388	388	388	388	388	388	387	387	387	387		
10	383	383	383	384	383	384	384	384	383	383	383	383	383	382	382	382	381		
15	377	378	378	378	378	379	378	379	378	378	378	377	377	376	376	376	375		
20	366	366	366	367	367	368	368	368	368	368	367	366	365	364	363	363	362		
25	355	356	357	357	358	359	359	359	359	359	358	357	356	354	353	352	351		
30	337	338	339	340	341	342	343	343	343	342	341	340	338	336	335	333	332		
35	322	324	325	327	328	329	330	331	330	330	328	327	324	323	320	319	317		
40	298	299	301	304	305	308	309	310	309	309	307	305	302	299	296	294	292		
45	280	282	284	287	289	292	293	294	294	293	291	289	285	282	278	276	273		
50	250	253	256	260	263	266	268	270	269	268	266	263	259	254	250	247	243		
55	229	232	236	240	244	248	250	252	251	251	248	244	240	235	230	226	222		
60	195	200	204	210	214	219	221	224	223	222	219	215	210	204	198	193	188		
65	172	177	182	189	194	199	202	204	204	203	199	195	189	183	176	170	165		
70	136	142	149	157	162	168	171	173	173	172	168	164	158	151	143	136	128		
75	112	119	127	135	141	147	150	153	153	152	148	143	136	129	121	113	104		
80	77.3	86.2	94.5	103	110	116	120	123	123	122	118	113	106	98.3	89.3	80.1	70.9		
85	57.3	66.7	75.7	84.5	91.3	97.8	101	105	104	103	99.4	94.8	88.0	79.9	70.6	61.2	51.6		
90	37.3	46.0	55.0	63.7	70.9	77.1	81.3	84.1	84.5	83.3	79.8	74.8	68.0	60.2	51.3	42.2	33.6		
95	31.6	38.9	47.2	55.5	62.4	68.5	72.5	75.2	75.6	74.5	71.2	66.4	59.9	52.5	44.0	35.6	28.3		
100	24.8	29.8	37.1	44.6	51.2	56.9	60.8	63.3	63.8	62.7	59.7	55.2	49.0	42.1	34.4	26.8	22.0		
105	21.3	23.8	30.7	38.0	44.2	49.6	53.3	55.8	56.2	55.2	52.3	48.0	42.3	35.7	28.2	21.2	18.8		
110	16.8	17.6	20.8	27.4	33.8	39.1	42.6	44.7	45.0	44.3	41.7	37.9	32.3	25.5	18.9	15.6	14.8		
115	14.0	14.3	16.4	20.5	26.1	31.4	34.9	36.6	36.2	36.5	34.4	30.5	25.0	18.9	14.8	12.6	12.4		
120	10.2	10.4	10.7	13.5	16.7	19.7	22.9	24.5	24.6	24.6	22.8	19.4	15.9	12.4	9.52	9.18	9.06		
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

C Range: 0 - 360DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3°C

Operators:

Test Date:04 January 2023

γ Range: 0 - 120DEG

γ Interval: 2.0DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456

Humidity:65.0%

Test Distance:6.340m [K=1.0000]

Remarks: