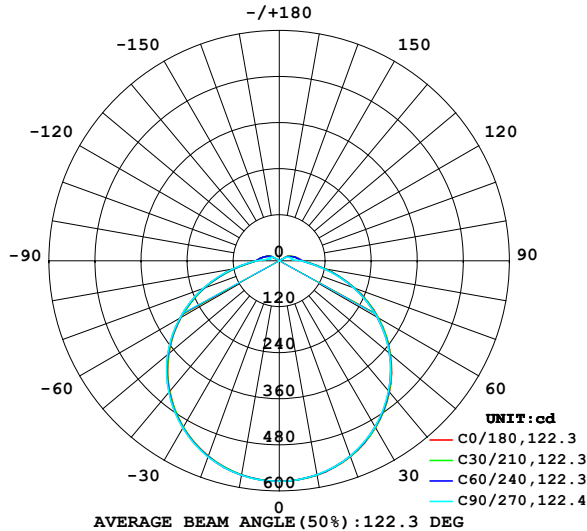


LUMINAIRE PHOTOMETRIC TEST REPORT

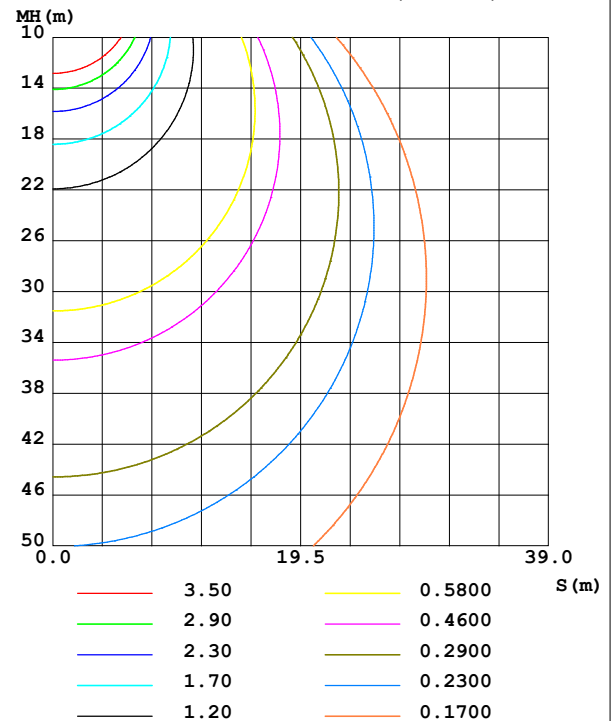
NAME: 95BLN2040/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 210 x 52	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	95BLN2040/WH	I <sub>max</sub> (cd)	574.6	S/MH (C0/180)	1.30
NOMINAL POWER (W)	20	LOR (%)	111.9	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	2013.5	η UP, DN (C0-180)	3.5, 52.2
NOMINAL FLUX (lm)	1800	CIE CLASS	DIRECT	η UP, DN (C180-360)	3.5, 52.7
LAMPS INSIDE	1	η up (%)	7.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	230	η down (%)	104.8	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



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: 2.5DEG  
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	567.1	566.6	566.1	566.1	566.5	567.0	567.6	567.6	0- 10	54.48	54.48	2.71,3.03
20	543.0	541.9	541.1	540.9	541.8	542.7	543.7	544.0	10- 20	157.2	211.7	10.5,11.8
30	502.2	500.7	499.4	499.3	500.5	502.0	503.3	503.6	20- 30	241.6	453.3	22.5,25.2
40	446.8	444.9	443.3	442.9	444.6	446.3	447.9	448.5	30- 40	297.4	750.7	37.3,41.7
50	378.5	376.3	374.6	374.0	375.8	377.6	379.7	380.4	40- 50	318.6	1069	53.1,59.4
60	298.7	296.2	294.6	293.6	295.7	297.6	300.0	300.7	50- 60	302.5	1372	68.1,76.2
70	210.2	207.6	206.4	204.9	206.9	208.7	211.8	212.1	60- 70	250.9	1623	80.6,90.2
80	120.3	118.0	117.3	115.7	117.5	118.9	121.9	122.1	70- 80	172.3	1795	89.1,99.7
90	60.86	59.41	56.81	59.05	59.99	60.62	60.25	61.60	80- 90	92.08	1887	93.7,105
100	47.41	46.33	31.55	46.18	46.99	47.52	24.27	47.93	90-100	56.85	1944	96.5,108
110	34.68	33.89	27.18	33.90	34.73	35.09	25.80	34.48	100-110	40.52	1985	98.6,110
120	22.74	22.20	17.78	22.25	23.11	23.34	18.84	19.77	110-120	26.56	2011	99.9,112
130	0	0	0	0	0	0	0	0	120-130	2.482	2014	100,112
140	0	0	0	0	0	0	0	0	130-140	0	2014	100,112
150	0	0	0	0	0	0	0	0	140-150	0	2014	100,112
160	0	0	0	0	0	0	0	0	150-160	0	2014	100,112
170	0	0	0	0	0	0	0	0	160-170	0	2014	100,112
180	0	0	0	0	0	0	0	0	170-180	0	2014	100,112
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 909.68 lm

%lum = 45.2%

%lamp = 50.5%

Conical surface Flux(130deg): 1505.7 lm

%lum = 74.8%

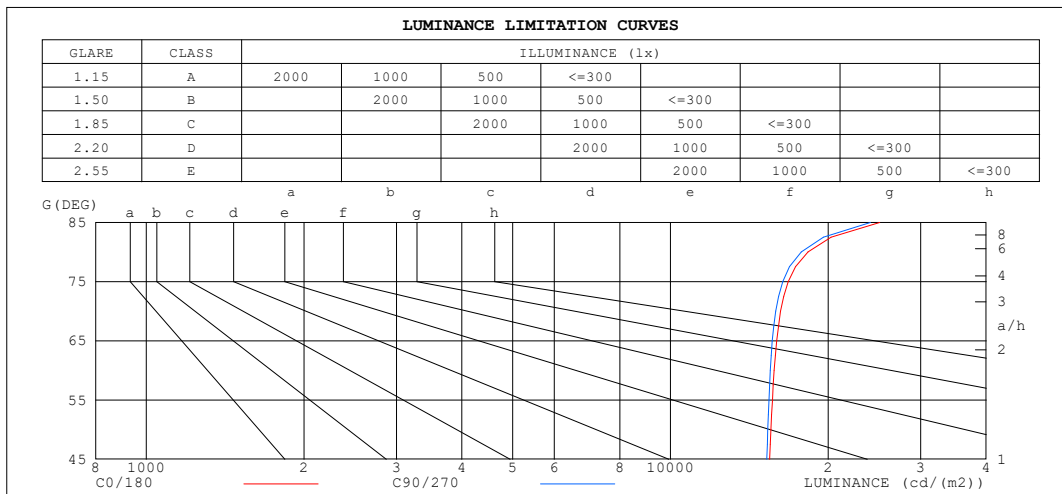
%lamp = 83.7%

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: 2.5DEG  
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: 95BLN2040/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 210 x 52	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	25065	24067
80	18294	17760
75	16762	16377
70	16220	15876
65	15943	15638
60	15769	15498
55	15647	15406
50	15544	15327
45	15463	15266

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: 2.5DEG  
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: 2.5DEG
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: 95BLN2040/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 210 x 52	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	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	.391	.222	.070	.380	.217	.069	.361	.207	.066	.344	.198	.064	.328	.190	.061	
2.0	.352	.193	.059	.343	.189	.058	.326	.181	.056	.311	.174	.055	.296	.167	.053	
3.0	.319	.170	.051	.311	.167	.050	.296	.160	.049	.282	.155	.047	.269	.149	.046	
4.0	.291	.151	.044	.284	.149	.044	.270	.143	.043	.258	.138	.042	.246	.134	.041	
5.0	.267	.136	.039	.260	.134	.039	.248	.129	.038	.237	.125	.037	.226	.121	.036	
6.0	.246	.123	.035	.240	.121	.035	.229	.117	.034	.219	.114	.033	.209	.110	.033	
7.0	.228	.113	.032	.222	.111	.032	.212	.107	.031	.203	.104	.030	.194	.101	.030	
8.0	.212	.103	.029	.207	.102	.029	.198	.099	.028	.189	.096	.028	.181	.093	.027	
9.0	.198	.096	.027	.194	.094	.026	.185	.092	.026	.178	.089	.025	.170	.086	.025	
10.0	.186	.089	.025	.182	.088	.024	.174	.085	.024	.167	.083	.024	.160	.081	.023	

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	.267	.267	.267	.228	.228	.228	.156	.156	.156	.089	.089	.089	.029	.029	.029	
1.0	.259	.228	.201	.221	.196	.173	.151	.135	.120	.087	.078	.069	.028	.025	.022	
2.0	.250	.202	.161	.215	.174	.139	.147	.120	.097	.085	.070	.057	.027	.023	.019	
3.0	.242	.183	.135	.207	.158	.117	.142	.109	.082	.082	.064	.048	.026	.021	.016	
4.0	.233	.168	.118	.200	.145	.103	.138	.101	.072	.080	.059	.043	.026	.019	.014	
5.0	.225	.157	.106	.193	.136	.093	.133	.095	.065	.077	.056	.039	.025	.018	.013	
6.0	.217	.148	.098	.186	.128	.085	.128	.089	.060	.075	.053	.036	.024	.017	.012	
7.0	.209	.140	.092	.180	.121	.080	.124	.085	.057	.072	.050	.034	.023	.016	.011	
8.0	.201	.134	.087	.173	.116	.076	.120	.081	.054	.070	.048	.032	.023	.016	.011	
9.0	.194	.128	.083	.167	.111	.073	.116	.078	.052	.068	.046	.031	.022	.015	.010	
10.0	.188	.123	.080	.162	.107	.070	.112	.075	.050	.066	.045	.030	.021	.015	.010	

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: 2.5DEG  
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: 95BLN2040/WH					TYPE:			WEIGHT: 1			
SPEC.:					DIM.: 210 x 52			SERIAL No.: 0			
MFR.: Elmark Industries JSC					SUR.: cilinder			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	20.1	21.6	20.4	21.9	22.2	20.0	21.5	20.3	21.8	22.1
	3H	21.9	23.3	22.3	23.7	24.0	21.8	23.2	22.2	23.6	23.9
	4H	22.8	24.1	23.2	24.5	24.9	22.7	24.0	23.1	24.4	24.7
	6H	23.6	24.8	24.0	25.2	25.6	23.4	24.7	23.9	25.1	25.5
	8H	23.9	25.1	24.4	25.5	25.9	23.8	25.0	24.2	25.4	25.8
	12H	24.3	25.4	24.7	25.9	26.3	24.1	25.3	24.6	25.7	26.1
4H	2H	20.7	22.0	21.1	22.4	22.8	20.7	22.0	21.1	22.4	22.7
	3H	22.8	23.9	23.2	24.4	24.8	22.7	23.9	23.2	24.3	24.7
	4H	23.8	24.9	24.3	25.3	25.8	23.7	24.8	24.2	25.2	25.7
	6H	24.7	25.7	25.2	26.1	26.6	24.6	25.6	25.1	26.0	26.5
	8H	25.2	26.1	25.7	26.5	27.1	25.0	25.9	25.6	26.4	26.9
	12H	25.6	26.5	26.2	27.0	27.5	25.5	26.3	26.0	26.8	27.3
8H	4H	24.2	25.0	24.7	25.5	26.0	24.1	25.0	24.6	25.4	26.0
	6H	25.3	26.1	25.9	26.6	27.1	25.2	26.0	25.8	26.5	27.0
	8H	25.9	26.6	26.5	27.1	27.7	25.8	26.4	26.3	27.0	27.6
	12H	26.5	27.1	27.1	27.7	28.3	26.4	27.0	27.0	27.5	28.1
12H	4H	24.2	25.0	24.7	25.5	26.1	24.1	24.9	24.7	25.4	26.0
	6H	25.4	26.1	26.0	26.6	27.2	25.3	26.0	25.9	26.5	27.1
	8H	26.1	26.7	26.7	27.2	27.8	26.0	26.6	26.6	27.1	27.7
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		+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117, 1800 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.0)  
Area: 0.037994 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: 2.5DEG  
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: 95BLN2040/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 210 x 52	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:

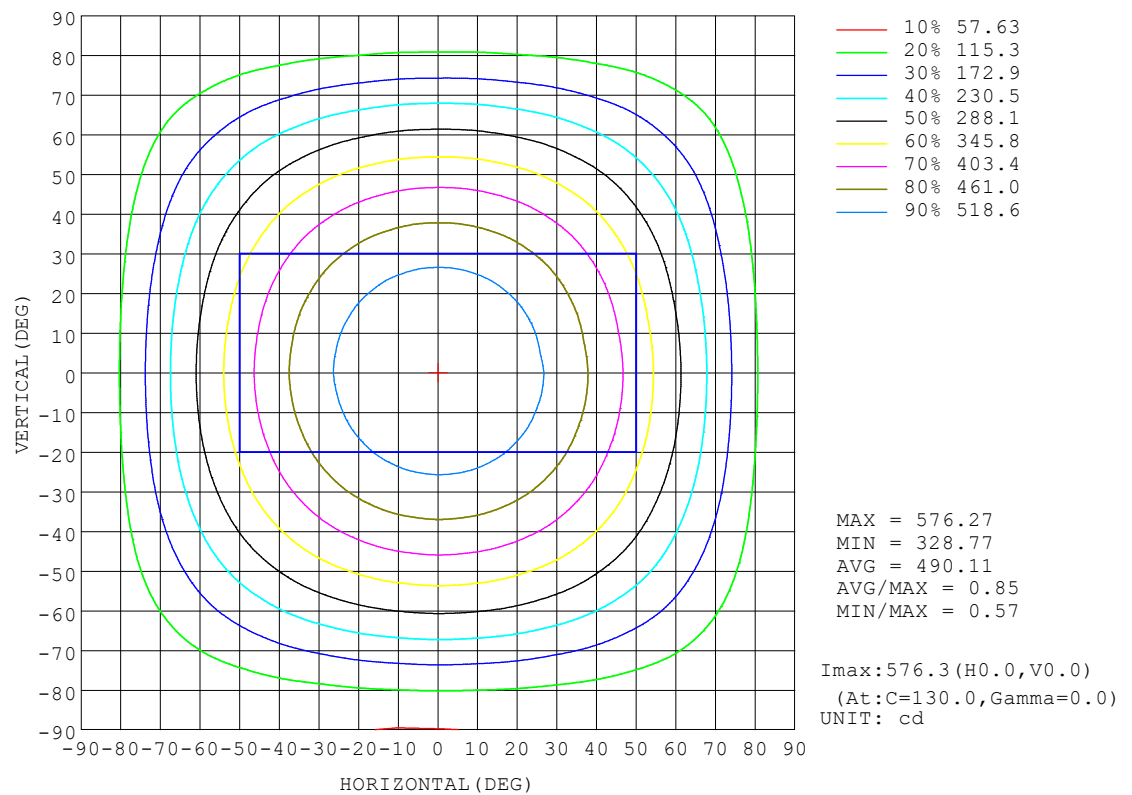
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	46	38	58	45	38	57	45	37	30
0.80	70	56	48	69	56	47	66	55	47	39
1.00	79	66	57	78	65	57	75	66	56	47
1.25	87	74	65	85	73	65	82	71	64	55
1.50	93	80	72	91	79	71	87	77	69	60
2.00	101	90	82	98	88	80	94	85	78	68
2.50	106	95	88	103	94	86	98	90	84	73
3.00	110	100	93	107	98	92	101	94	89	77
4.00	114	107	101	111	104	99	105	100	95	83
5.00	117	111	105	114	108	103	108	103	99	86
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: 2.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.340m [K=1.0000]  
Remarks:

# ISOCANDELA DIAGRAM

NAME: 95BLN2040/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 210 x 52	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:



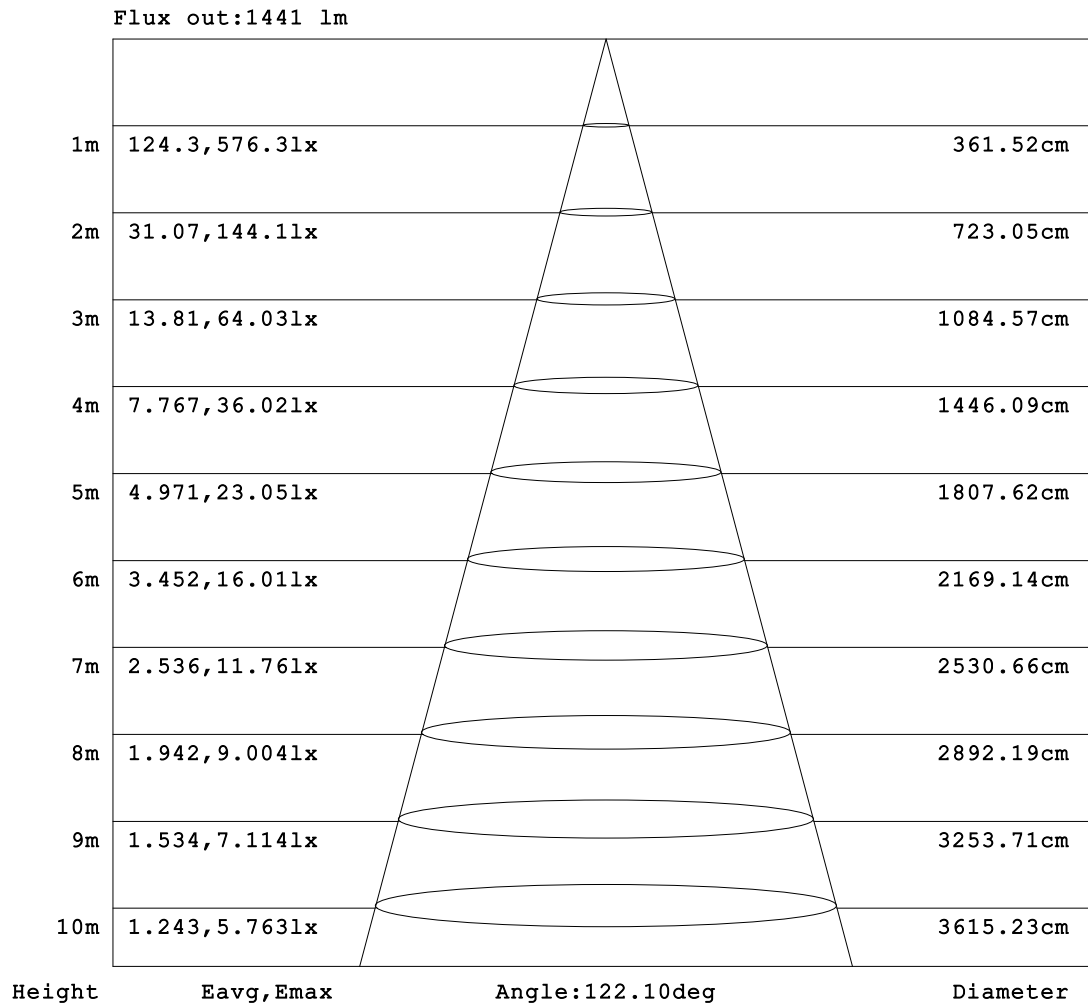
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:  
Test Date:04 January 2023

γ Range: 0 - 120DEG  
γ Interval: 2.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity:65.0%  
Test Distance:6.340m [K=1.0000]  
Remarks:



### AAI Figure

NAME: 95BLN2040/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 210 x 52	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:



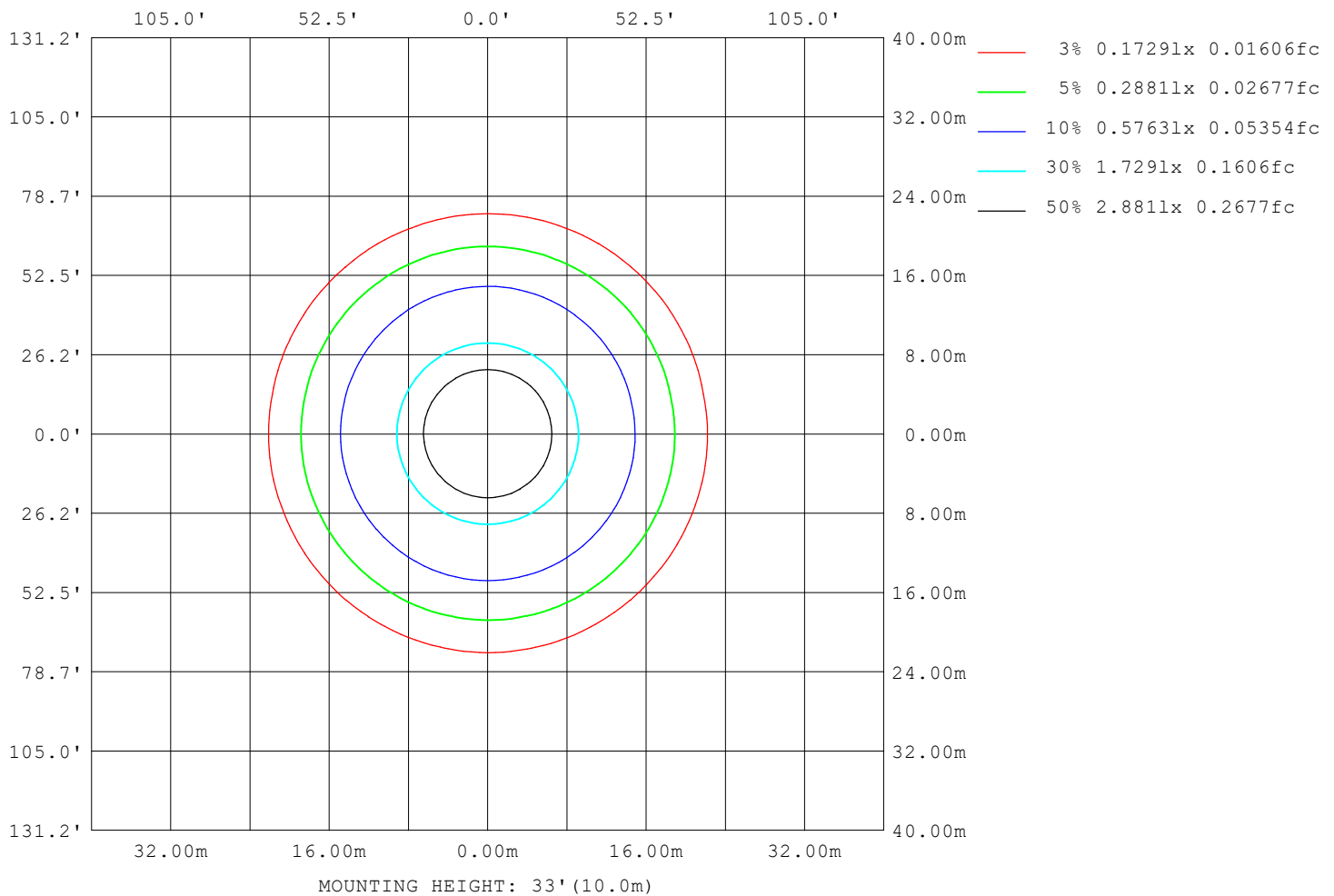
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: 2.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.456  
Humidity: 65.0%  
Test Distance: 6.340m [K=1.0000]  
Remarks:

ISOLUX DIAGRAM

NAME: 95BLN2040/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 210 x 52	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	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: 2.5DEG  
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: 95BLN2040/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 210 x 52	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	Shielding Angle:

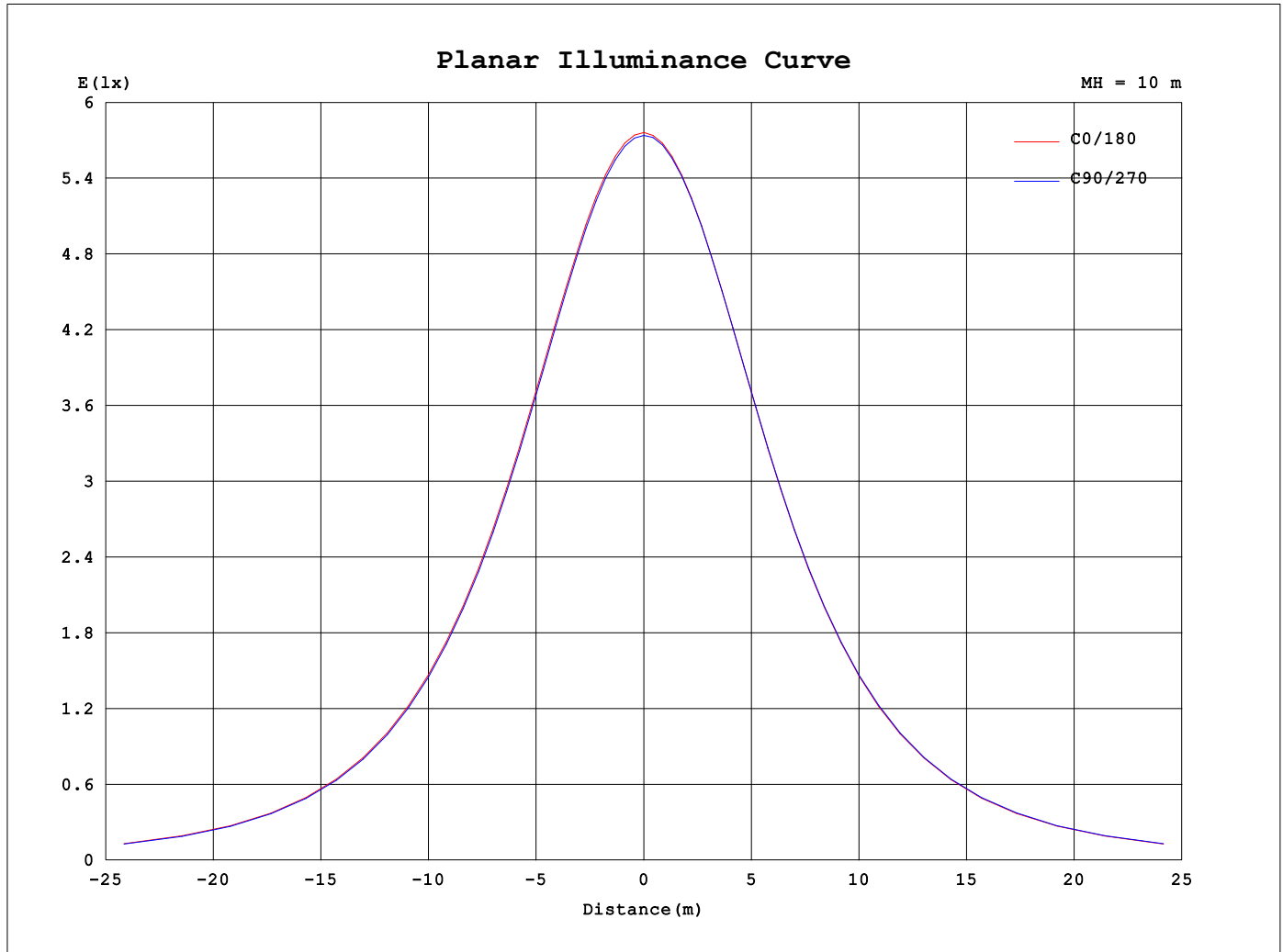
AvgL	cd/m2
L_0~180 (65) av	15800
L_0~180 (75) av	16571
L_0~180 (85) av	24630
L_90~270 (65) av	15820
L_90~270 (75) av	16647
L_90~270 (85) av	24698
L_45 (65) av	15786
L_45 (75) av	16546
L_45 (85) av	24554

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: 2.5DEG  
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: 2.5DEG  
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: 95BLN2040/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 210 x 52	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	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	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575
5	573	573	573	573	573	573	572	572	572	572	572	572	572	572	572	572	573	573	573
10	567	567	567	567	567	567	566	566	566	566	566	566	566	566	566	566	566	567	567
15	557	557	557	557	556	556	556	556	556	556	556	555	555	556	556	556	556	556	556
20	543	543	542	542	542	542	541	541	541	541	541	541	541	541	541	541	541	542	542
25	525	525	524	524	523	523	523	523	522	522	522	522	522	522	522	523	523	523	523
30	502	502	502	501	501	501	500	500	499	499	499	499	499	499	499	500	500	501	501
35	476	476	475	475	474	474	474	474	473	473	472	473	472	473	473	473	474	475	474
40	447	447	446	446	445	445	444	444	443	443	443	443	443	443	443	444	444	445	445
45	414	414	413	413	412	412	411	411	410	410	410	410	410	410	410	411	411	412	412
50	378	379	377	377	376	376	375	375	374	375	374	374	374	374	374	375	375	377	376
55	340	340	339	339	338	338	336	337	336	336	335	335	335	335	335	336	336	338	337
60	299	299	297	297	296	296	295	295	294	295	294	294	293	294	293	294	295	296	296
65	255	255	254	254	253	253	252	252	251	251	250	250	250	250	250	251	251	253	252
70	210	210	209	209	208	208	206	207	206	206	205	205	205	205	205	206	206	208	207
75	164	165	163	163	162	162	161	162	160	161	160	160	159	160	159	160	160	162	162
80	120	121	119	119	118	118	117	118	117	117	116	116	115	116	115	116	117	118	118
85	82.8	82.7	81.7	81.5	80.6	80.7	80.0	80.1	79.8	79.8	79.3	79.2	78.7	79.0	78.8	79.4	79.8	81.0	80.4
90	60.9	60.7	60.2	59.9	59.4	59.4	59.1	59.2	58.5	56.8	55.9	58.9	58.9	59.0	59.1	59.4	59.7	60.1	60.0
95	54.0	53.8	53.4	53.2	52.8	52.7	52.5	52.6	48.1	36.0	42.6	52.4	52.3	52.4	52.5	52.8	53.1	53.5	53.3
100	47.4	47.3	46.9	46.7	46.4	46.3	46.2	45.1	36.1	31.5	33.7	43.9	46.0	46.1	46.2	46.4	46.8	47.1	47.0
105	41.0	40.8	40.5	40.4	40.1	40.0	39.5	36.1	30.3	32.0	30.3	35.0	39.1	40.0	40.0	40.3	40.6	40.9	40.8
110	34.7	34.6	34.3	34.2	33.9	33.8	32.6	29.0	26.0	27.2	26.0	28.3	32.2	33.8	34.0	34.2	34.6	34.9	34.7
115	28.6	28.5	28.3	28.2	28.0	27.8	26.4	23.5	21.7	22.4	21.6	22.9	26.0	27.8	28.1	28.3	28.7	28.9	28.8
120	22.7	22.6	22.5	22.5	22.3	22.1	20.9	18.6	17.5	17.8	17.3	18.2	20.6	22.0	22.4	22.7	23.0	23.2	23.1
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: 2.5DEG

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: 95BLN2040/WH	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 210 x 52	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cilinder	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	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575	575		
5	573	573	573	573	573	573	573	573	573	573	573	573	573	573	573	573	573		
10	567	567	567	567	567	567	567	568	568	568	568	568	568	568	567	567	567		
15	556	557	557	557	557	557	557	558	558	558	558	558	558	558	558	557	557		
20	542	542	542	543	543	543	543	544	544	544	544	544	544	544	544	543	543		
25	523	524	524	524	524	525	525	525	525	526	526	526	526	526	525	525	524		
30	501	501	501	502	502	503	503	503	503	504	504	504	504	504	503	503	502		
35	474	475	475	476	476	477	477	477	477	478	478	478	478	478	477	477	476		
40	444	445	445	446	446	447	447	448	448	449	448	449	448	448	449	448	448		
45	412	412	413	413	413	414	414	415	415	416	416	416	416	416	415	415	414		
50	376	377	377	378	378	379	379	380	380	380	380	381	380	381	380	379	378		
55	337	338	338	339	339	340	340	341	341	342	342	342	342	342	341	341	339		
60	295	297	296	298	298	299	299	300	300	301	300	301	301	301	300	300	298		
65	252	253	253	254	254	255	255	257	257	258	257	258	257	257	257	256	255		
70	207	208	208	209	209	210	210	212	212	213	212	213	212	212	211	211	209		
75	161	162	162	163	163	165	164	166	166	167	166	167	166	167	166	166	164		
80	117	118	118	119	119	120	120	122	122	123	122	123	122	122	121	121	120		
85	80.3	80.9	80.8	81.5	81.6	82.6	82.8	84.0	83.8	84.8	84.1	84.5	84.0	84.3	83.7	83.4	82.2		
90	60.1	60.2	60.3	60.5	60.7	61.1	61.3	61.6	60.3	60.6	61.8	61.9	61.6	61.6	61.3	61.2	60.8		
95	53.4	53.6	53.6	53.8	54.0	54.4	54.6	52.3	36.9	46.0	54.9	54.8	54.6	54.6	54.3	54.3	53.9		
100	47.1	47.2	47.3	47.5	47.6	47.9	47.0	38.8	24.3	29.9	46.0	48.2	48.0	47.9	47.7	47.7	47.4		
105	40.8	41.0	41.1	41.2	41.3	41.3	38.1	31.1	30.8	29.1	21.9	39.2	41.5	41.4	41.2	41.2	40.9		
110	34.8	34.9	35.0	35.1	35.1	34.3	30.7	26.4	25.8	25.9	29.1	29.5	34.0	35.0	34.8	34.9	34.6		
115	28.9	29.0	29.1	29.1	29.0	27.9	24.8	22.9	22.6	21.5	23.2	26.7	25.7	28.8	28.7	28.8	28.5		
120	23.2	23.3	23.4	23.4	23.3	22.1	19.8	18.4	18.8	17.4	18.1	20.8	22.7	16.9	22.9	22.9	22.7		
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: 2.5DEG

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

Humidity:65.0%

Test Distance:6.340m [K=1.0000]

Remarks: