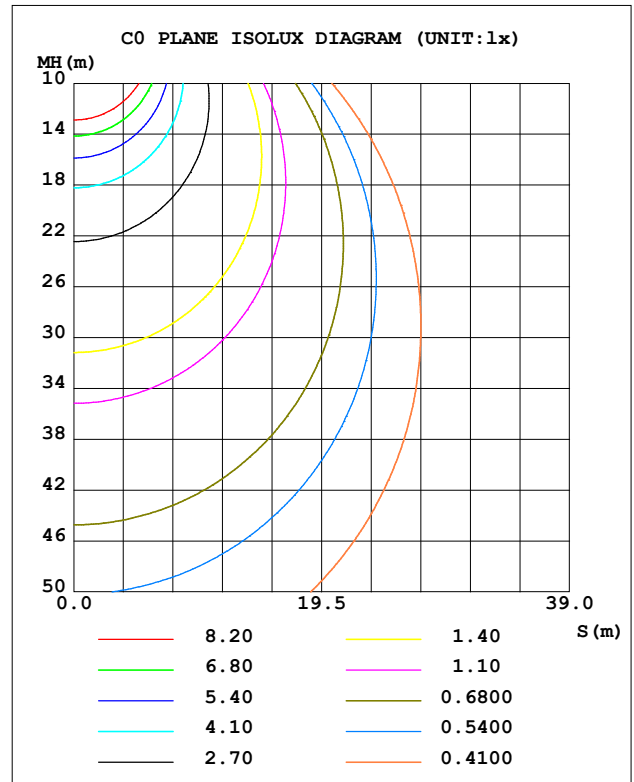
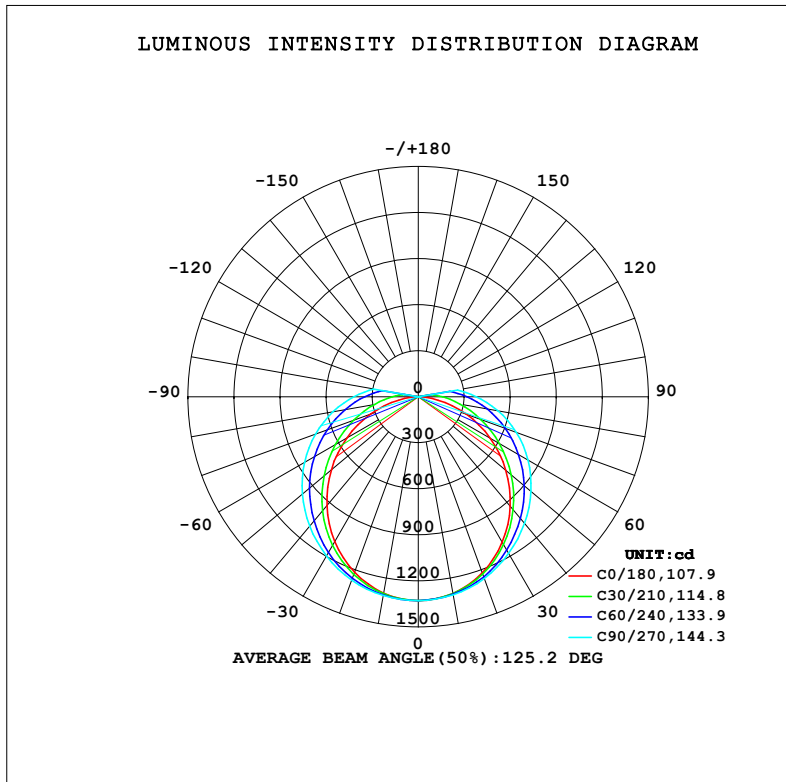


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: 9BR55LEDCW	TYPE: 9BR55LEDCW	WEIGHT: 1.2
SPEC.:	DIM.: F 0.075 x 1.5	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cylinder	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	9BR55LEDCW	I _{max} (cd)	1328	S/MH (C0/180)	1.23
NOMINAL POWER (W)	55	LOR (%)	95.2	S/MH (C90/270)	1.34
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	4757.9	η UP, DN (C0-180)	2.2, 44.7
NOMINAL FLUX (lm)	5000	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.4, 45.8
LAMPS INSIDE	1	η up (%)	4.6	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	230	η down (%)	90.5	CIBSE SHR MAX	1.50



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 02 August 2022

γ Range: 0 - 100DEG
γ Interval: 2.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 6.265m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1301	1304	1310	1304	1299	1308	1315	1309	0- 10	125.7	125.7	2.64,2.51
20	1221	1239	1260	1238	1216	1245	1272	1248	10- 20	361.2	486.9	10.2,9.74
30	1094	1133	1178	1133	1089	1145	1197	1149	20- 30	551.2	1038	21.8,20.8
40	931.6	997.6	1076	998.1	925.6	1014	1100	1020	30- 40	674.1	1712	36,34.2
50	745.0	845.4	958.6	846.6	739.5	863.2	986.0	871.6	40- 50	721.3	2434	51.1,48.7
60	543.3	684.1	825.4	686.4	538.6	704.2	855.8	713.5	50- 60	694.6	3128	65.7,62.6
70	333.4	522.7	680.1	527.2	330.8	543.9	712.7	553.3	60- 70	604.1	3732	78.4,74.6
80	133.1	372.5	525.0	378.2	133.0	393.5	563.8	401.9	70- 80	469.7	4202	88.3,84
90	19.67	246.3	378.8	251.7	18.51	266.7	418.9	273.0	80- 90	324.7	4527	95.1,90.5
100	14.97	152.7	260.6	156.5	14.20	168.1	296.4	174.7	90-100	210.5	4737	99.6,94.7
110	0	0	0	0	0	0	0	0	100-110	20.59	4758	100,95.2
120	0	0	0	0	0	0	0	0	110-120	0	4758	100,95.2
130	0	0	0	0	0	0	0	0	120-130	0	4758	100,95.2
140	0	0	0	0	0	0	0	0	130-140	0	4758	100,95.2
150	0	0	0	0	0	0	0	0	140-150	0	4758	100,95.2
160	0	0	0	0	0	0	0	0	150-160	0	4758	100,95.2
170	0	0	0	0	0	0	0	0	160-170	0	4758	100,95.2
180	0	0	0	0	0	0	0	0	170-180	0	4758	100,95.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2071.7 lm

%lum = 43.5%

%lamp = 41.4%

Conical surface Flux(130deg): 3444.9 lm

%lum = 72.4%

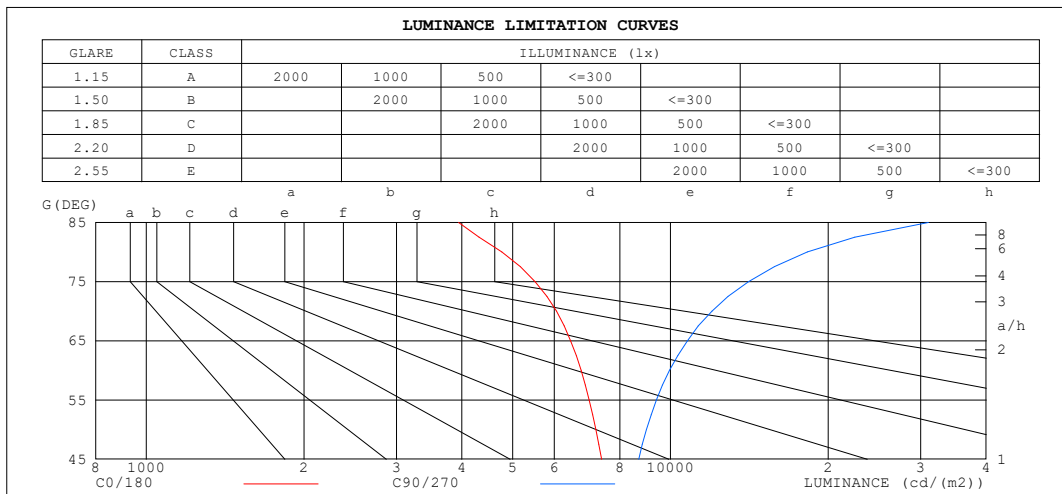
%lamp = 68.9%

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:02 August 2022

γ Range: 0 - 100DEG
 γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: 9BR55LEDCW	TYPE: 9BR55LEDCW	WEIGHT: 1.2
SPEC.:	DIM.: F 0.075 x 1.5	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cylinder	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3943	31043
80	4763	18236
75	5514	14077
70	6056	11995
65	6451	10765
60	6751	9958
55	6996	9399
50	7200	8996
45	7389	8697

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators:
 Test Date: 02 August 2022

γ Range: 0 - 100DEG
 γ Interval: 2.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
 Humidity: 65.0%
 Test Distance: 6.265m [K=1.0000]
 Remarks:

```

γ Range: 0 - 100DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

```

WEC AND CCEC

NAME: 9BR55LEDCW	TYPE: 9BR55LEDCW	WEIGHT: 1.2
SPEC.:	DIM.: F 0.075 x 1.5	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cylinder	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	.361	.205	.065	.352	.201	.064	.337	.193	.062	.322	.186	.060	.309	.179	.058	
2.0	.316	.173	.053	.309	.170	.052	.295	.164	.051	.282	.158	.050	.270	.153	.048	
3.0	.283	.150	.045	.276	.148	.045	.264	.143	.043	.252	.138	.042	.242	.134	.041	
4.0	.255	.133	.039	.250	.131	.039	.238	.126	.038	.228	.122	.037	.218	.119	.036	
5.0	.233	.119	.034	.227	.117	.034	.217	.113	.033	.208	.110	.033	.200	.107	.032	
6.0	.214	.107	.031	.209	.105	.030	.200	.102	.030	.192	.100	.029	.184	.097	.029	
7.0	.197	.097	.028	.193	.096	.027	.185	.093	.027	.177	.091	.026	.170	.088	.026	
8.0	.183	.089	.025	.179	.088	.025	.172	.086	.025	.165	.084	.024	.159	.081	.024	
9.0	.171	.083	.023	.167	.081	.023	.161	.079	.023	.154	.077	.022	.149	.075	.022	
10.0	.160	.077	.021	.157	.076	.021	.151	.074	.021	.145	.072	.020	.140	.070	.020	

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	.216	.216	.216	.185	.185	.185	.126	.126	.126	.073	.073	.073	.023	.023	.023	
1.0	.212	.184	.158	.181	.157	.136	.124	.108	.094	.071	.063	.055	.023	.020	.018	
2.0	.205	.161	.124	.175	.139	.107	.120	.096	.075	.069	.056	.044	.022	.018	.014	
3.0	.197	.145	.103	.169	.125	.089	.116	.087	.063	.067	.051	.037	.022	.016	.012	
4.0	.190	.133	.089	.163	.115	.077	.112	.080	.054	.065	.047	.032	.021	.015	.011	
5.0	.182	.123	.079	.157	.106	.069	.108	.074	.049	.063	.044	.029	.020	.014	.010	
6.0	.175	.115	.072	.151	.100	.063	.104	.070	.044	.060	.041	.026	.019	.013	.009	
7.0	.168	.109	.067	.145	.094	.058	.100	.066	.041	.058	.039	.025	.019	.013	.008	
8.0	.162	.103	.063	.139	.090	.055	.096	.063	.039	.056	.037	.023	.018	.012	.008	
9.0	.156	.099	.060	.134	.086	.052	.093	.060	.037	.054	.036	.022	.018	.012	.007	
10.0	.150	.094	.057	.129	.082	.050	.090	.058	.036	.052	.034	.021	.017	.011	.007	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:02 August 2022

γ Range: 0 - 100DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: 9BR55LEDCW					TYPE: 9BR55LEDCW			WEIGHT: 1.2			
SPEC.:					DIM.: F 0.075 x 1.5			SERIAL No.: 0			
MFR.: Elmark Industries JSC					SUR.: cylinder			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	13.3	14.8	13.6	15.1	15.4	15.0	16.6	15.4	16.9	17.2
	3H	14.7	16.2	15.1	16.5	16.8	17.5	18.9	17.9	19.2	19.6
	4H	15.3	16.7	15.7	17.0	17.4	18.8	20.2	19.2	20.5	20.9
	6H	15.7	17.0	16.1	17.4	17.8	20.2	21.5	20.6	21.9	22.2
	8H	15.8	17.1	16.2	17.4	17.8	20.9	22.2	21.4	22.6	23.0
	12H	15.9	17.1	16.3	17.5	17.9	21.8	23.0	22.2	23.4	23.8
4H	2H	14.3	15.7	14.7	16.0	16.4	15.6	16.9	16.0	17.3	17.7
	3H	16.0	17.2	16.4	17.6	18.0	18.3	19.5	18.7	19.9	20.3
	4H	16.7	17.8	17.2	18.2	18.7	19.8	20.9	20.2	21.3	21.8
	6H	17.3	18.3	17.7	18.7	19.2	21.4	22.4	21.9	22.9	23.4
	8H	17.4	18.4	17.9	18.8	19.3	22.3	23.2	22.8	23.7	24.2
	12H	17.6	18.4	18.1	18.9	19.4	23.3	24.2	23.8	24.6	25.2
8H	4H	17.6	18.5	18.1	19.0	19.5	20.1	21.1	20.6	21.5	22.0
	6H	18.5	19.3	19.0	19.8	20.3	22.0	22.8	22.6	23.3	23.9
	8H	18.8	19.6	19.4	20.1	20.6	23.1	23.9	23.7	24.4	24.9
	12H	19.1	19.7	19.7	20.3	20.9	24.4	25.0	24.9	25.6	26.1
12H	4H	17.9	18.7	18.4	19.2	19.7	20.1	21.0	20.6	21.5	22.0
	6H	19.0	19.7	19.5	20.2	20.7	22.2	22.9	22.7	23.4	23.9
	8H	19.5	20.1	20.0	20.6	21.2	23.3	24.0	23.9	24.5	25.1
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 / - 0.2					+ 0.2 / - 0.3				
2.0H		+ 0.1 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 5000 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.6)
Area: 0.16485 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:02 August 2022

γ Range: 0 - 100DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: 9BR55LEDCW	TYPE: 9BR55LEDCW	WEIGHT: 1.2
SPEC.:	DIM.: F 0.075 x 1.5	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cylinder	Shielding Angle:

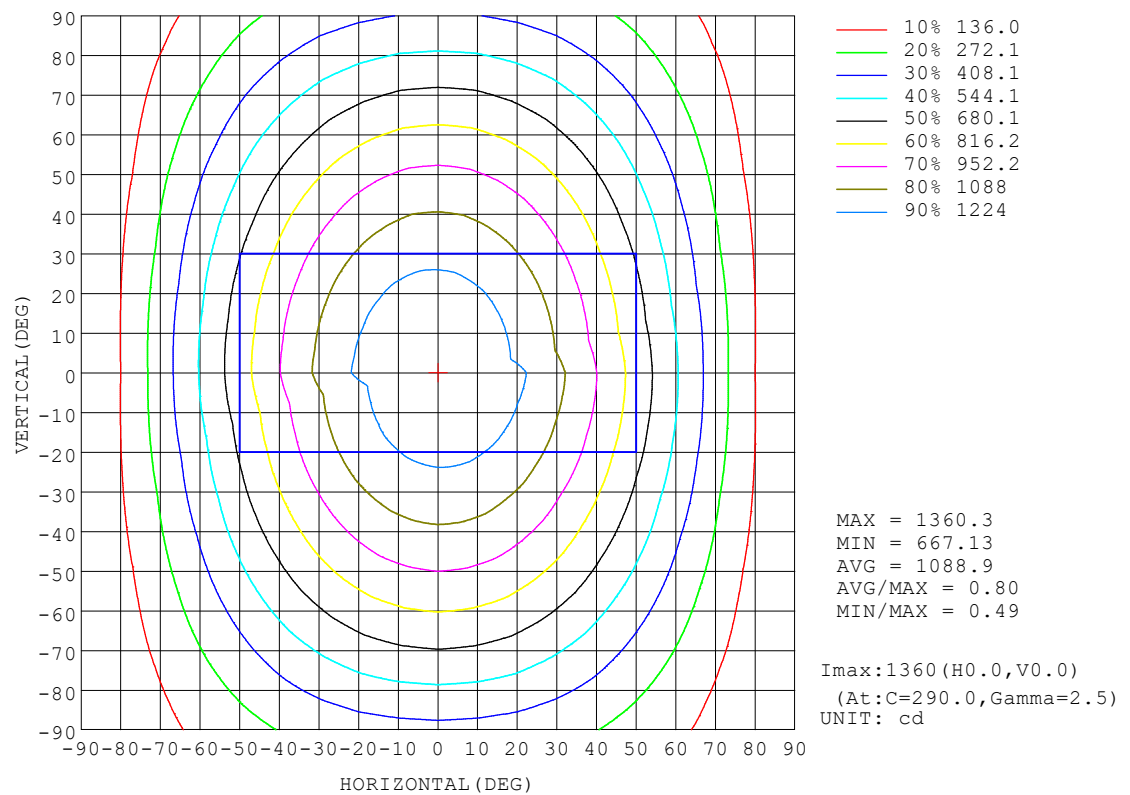
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	38	31	49	38	31	48	38	31	25
0.80	59	47	39	58	46	39	56	46	39	32
1.00	66	55	47	65	54	47	63	55	46	39
1.25	73	62	54	71	61	53	69	59	53	45
1.50	78	67	59	76	66	59	73	64	57	49
2.00	85	75	67	83	73	67	79	71	65	56
2.50	89	80	72	86	78	72	82	75	70	60
3.00	92	84	77	90	82	76	85	79	74	64
4.00	96	89	84	94	87	82	89	84	79	69
5.00	99	93	88	96	91	86	91	87	83	73
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: 02 August 2022

γ Range: 0 - 100DEG
γ Interval: 2.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 6.265m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: 9BR55LEDCW	TYPE: 9BR55LEDCW	WEIGHT: 1.2
SPEC.:	DIM.: F 0.075 x 1.5	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cylinder	Shielding Angle:

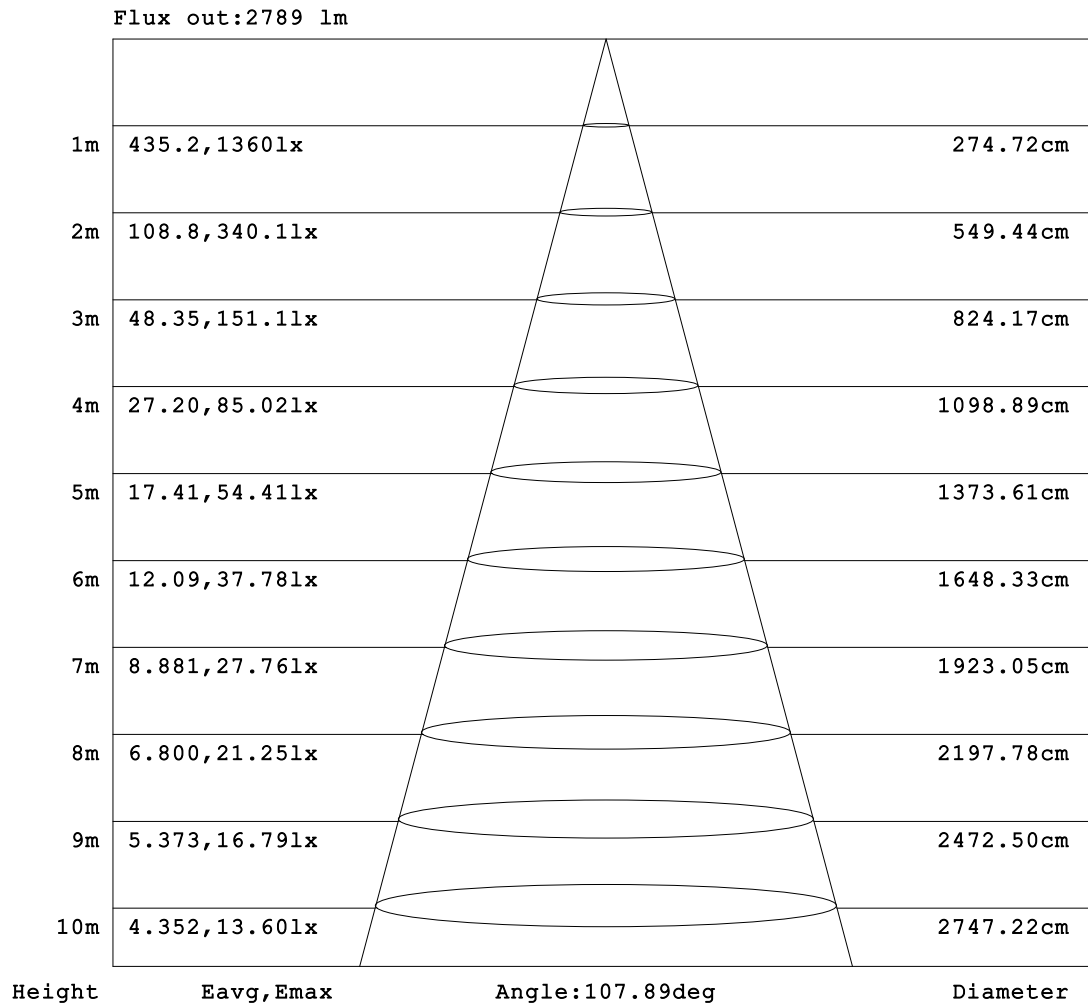


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:02 August 2022

γ Range: 0 - 100DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks:

AAI Figure

NAME: 9BR55LEDCW	TYPE: 9BR55LEDCW	WEIGHT: 1.2
SPEC.:	DIM.: F 0.075 x 1.5	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cylinder	Shielding Angle:



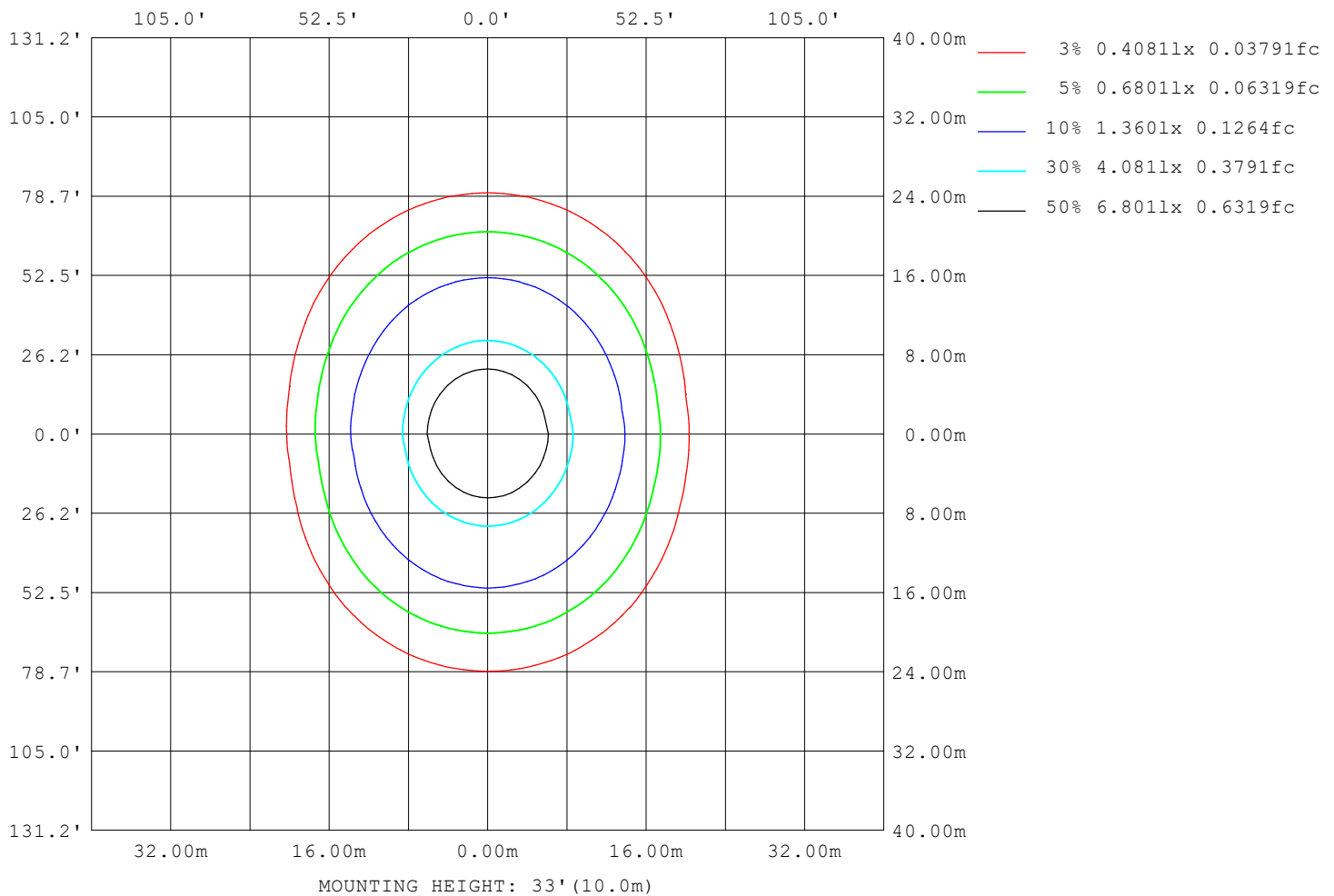
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators:
 Test Date: 02 August 2022

γ Range: 0 - 100DEG
 γ Interval: 2.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
 Humidity: 65.0%
 Test Distance: 6.265m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: 9BR55LEDCW	TYPE: 9BR55LEDCW	WEIGHT: 1.2
SPEC.:	DIM.: F 0.075 x 1.5	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cylinder	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators:
 Test Date: 02 August 2022

γ Range: 0 - 100DEG
 γ Interval: 2.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
 Humidity: 65.0%
 Test Distance: 6.265m [K=1.0000]
 Remarks:

LED Avg.L Report

NAME: 9BR55LEDCW	TYPE: 9BR55LEDCW	WEIGHT: 1.2
SPEC.:	DIM.: F 0.075 x 1.5	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cylinder	Shielding Angle:

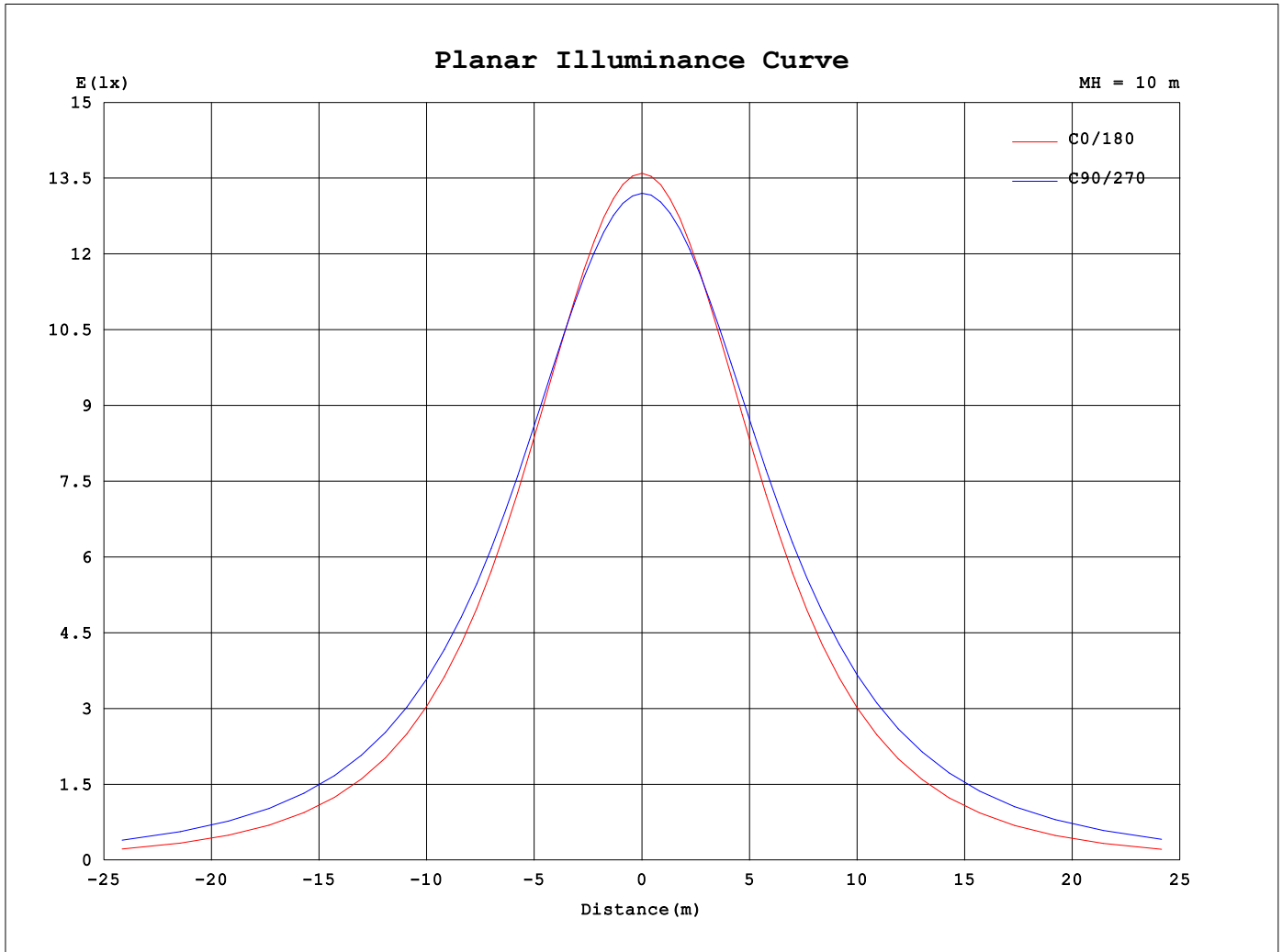
AvgL	cd/m2
L_0~180 (65) av	6273
L_0~180 (75) av	5371
L_0~180 (85) av	3850
L_90~270 (65) av	11051
L_90~270 (75) av	14558
L_90~270 (85) av	32622
L_45 (65) av	8854
L_45 (75) av	10788
L_45 (85) av	22311

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:
Test Date:02 August 2022

γ Range: 0 - 100DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [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: 02 August 2022

γ Range: 0 - 100DEG
 γ Interval: 2.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
 Humidity: 65.0%
 Test Distance: 6.265m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 9BR55LEDCW	TYPE: 9BR55LEDCW	WEIGHT: 1.2
SPEC.:	DIM.: F 0.075 x 1.5	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cylinder	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	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328
5	1321	1322	1322	1321	1322	1322	1321	1322	1323	1323	1323	1323	1322	1322	1321	1321	1320	1321	1321
10	1301	1302	1302	1303	1304	1305	1307	1308	1309	1310	1309	1309	1307	1305	1303	1301	1300	1299	1299
15	1267	1269	1269	1271	1274	1279	1282	1285	1288	1289	1287	1286	1282	1279	1273	1269	1266	1264	1264
20	1221	1223	1224	1229	1235	1243	1249	1255	1257	1260	1258	1255	1249	1243	1233	1226	1221	1217	1216
25	1163	1165	1167	1176	1184	1196	1205	1214	1219	1222	1220	1215	1206	1195	1184	1174	1165	1159	1158
30	1094	1097	1101	1111	1125	1141	1154	1167	1174	1178	1175	1168	1156	1142	1124	1110	1099	1091	1089
35	1017	1020	1025	1041	1057	1080	1096	1114	1124	1130	1125	1115	1098	1079	1058	1040	1022	1014	1011
40	932	935	943	963	984	1011	1036	1058	1070	1076	1071	1058	1037	1012	984	961	940	929	926
45	841	845	855	879	905	940	970	997	1012	1019	1013	998	972	941	906	878	853	839	835
50	745	750	763	790	825	866	901	932	950	959	951	934	902	867	827	790	761	744	739
55	646	651	668	701	742	789	829	864	885	894	885	866	832	791	744	702	667	647	640
60	543	550	570	611	658	711	755	794	816	825	817	795	758	713	660	613	570	546	539
65	439	448	474	522	574	631	680	720	744	754	745	723	684	635	578	524	475	445	435
70	333	345	380	434	492	553	604	646	670	680	671	648	608	557	497	438	382	344	331
75	230	246	291	352	414	477	528	570	593	604	595	573	533	482	419	356	294	247	229
80	133	160	211	276	341	404	456	495	515	525	517	498	461	409	347	282	215	162	133
85	55.3	86.9	145	211	275	336	383	420	440	449	441	423	388	341	282	217	149	89.9	55.3
90	19.7	44.6	96.3	160	218	275	318	352	370	379	372	355	322	279	224	164	101	47.0	18.5
95	17.1	26.3	64.4	117	170	221	261	291	308	316	310	294	264	225	175	121	68.2	27.8	16.2
100	15.0	17.9	43.5	85.0	131	175	211	238	254	261	256	240	214	179	134	87.7	46.3	18.7	14.2
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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:02 August 2022

γ Range: 0 - 100DEG

γ Interval: 2.5DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456

Humidity:65.0%

Test Distance:6.265m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 9BR55LEDCW	TYPE: 9BR55LEDCW	WEIGHT: 1.2
SPEC.:	DIM.: F 0.075 x 1.5	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: cylinder	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	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328	1328		
5	1321	1322	1321	1323	1323	1324	1325	1325	1326	1326	1326	1325	1324	1323	1323	1322	1322		
10	1300	1302	1302	1307	1309	1311	1313	1315	1315	1315	1315	1312	1310	1307	1305	1304	1303		
15	1266	1269	1273	1279	1284	1289	1293	1297	1297	1297	1295	1291	1285	1281	1276	1272	1270		
20	1218	1224	1230	1241	1250	1258	1265	1270	1272	1272	1268	1261	1252	1244	1236	1229	1224		
25	1160	1170	1179	1193	1206	1220	1229	1237	1238	1238	1231	1222	1210	1197	1184	1175	1168		
30	1092	1104	1117	1137	1153	1171	1185	1195	1197	1196	1188	1176	1158	1140	1124	1110	1100		
35	1015	1031	1047	1071	1094	1116	1134	1147	1151	1148	1137	1121	1099	1077	1054	1037	1024		
40	931	950	971	1001	1027	1056	1078	1096	1100	1098	1083	1062	1034	1006	978	957	940		
45	841	863	888	923	957	993	1019	1040	1046	1041	1024	998	965	929	896	870	851		
50	747	772	801	843	884	925	955	979	986	982	962	932	892	851	810	779	757		
55	650	678	712	761	808	855	889	915	923	918	895	862	817	770	722	686	659		
60	550	582	624	678	730	781	819	847	856	851	826	789	740	687	633	589	558		
65	449	486	535	595	652	707	747	777	786	780	754	715	662	605	544	493	456		
70	347	392	448	513	574	631	673	703	713	707	680	640	584	523	458	400	354		
75	249	303	365	435	499	557	599	629	638	633	606	565	508	444	375	310	255		
80	160	222	290	361	426	484	526	555	564	558	531	491	434	370	298	229	166		
85	88.9	156	223	295	358	415	454	481	489	483	459	421	366	302	231	163	94.4		
90	45.5	104	169	237	297	349	386	412	419	414	390	354	303	243	176	109	50.2		
95	26.8	69.7	126	187	242	290	325	348	355	349	328	294	248	193	132	74.4	29.9		
100	18.2	47.6	91.5	141	195	238	269	290	296	291	272	241	199	150	98.2	51.2	20.3		
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
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:02 August 2022

γ Range: 0 - 100DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks: