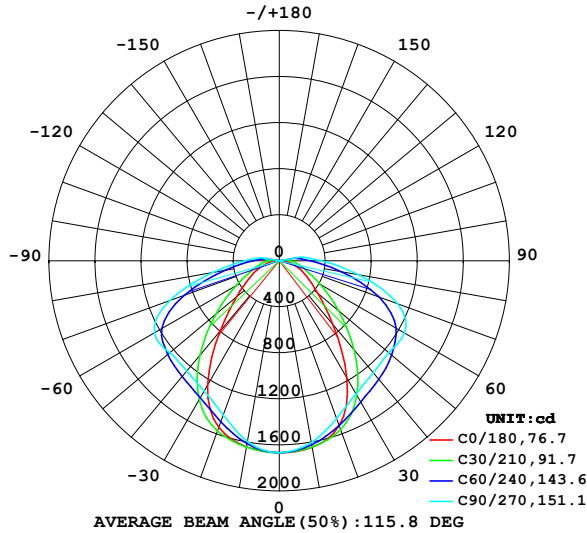


LUMINAIRE PHOTOMETRIC TEST REPORT

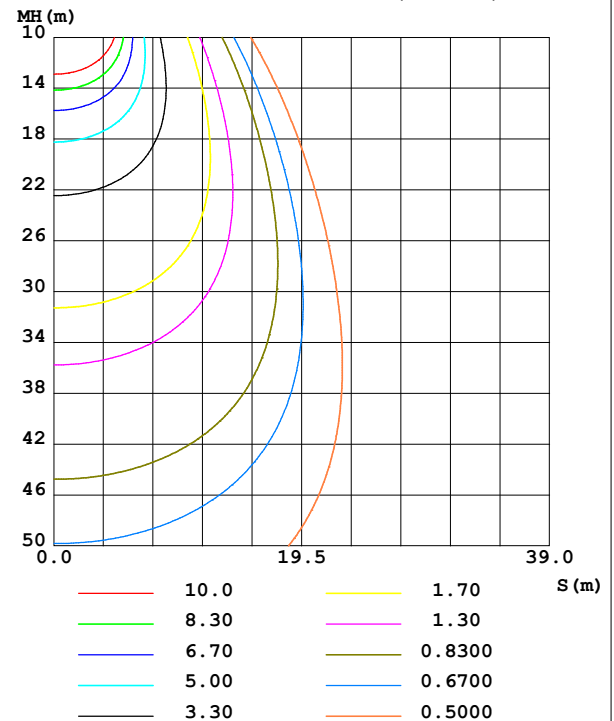
NAME: 93TL206750WW/BL	TYPE: 93TL206750WW/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	93TL206750WW/BL	I _{max} (cd)	1667	S/MH (C0/180)	1.12
NOMINAL POWER (W)	50	LOR (%)	85.6	S/MH (C90/270)	1.18
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	5223.3	η UP, DN (C0-180)	1.3, 41.8
NOMINAL FLUX (lm)	6100	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.1, 41.3
LAMPS INSIDE	1	η up (%)	2.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	83.2	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3°C
 Operators:
 Test Date: 09 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	1647	1635	1603	1614	1642	1631	1594	1623	0- 10	157.1	157.1	3.01,2.57
20	1525	1556	1458	1496	1540	1537	1426	1511	10- 20	443.5	600.5	11.5,9.84
30	1178	1425	1335	1357	1245	1412	1308	1384	20- 30	657.2	1258	24.1,20.6
40	730.1	1247	1271	1212	802.6	1258	1251	1248	30- 40	769.2	2027	38.8,33.2
50	437.1	1019	1242	1045	482.2	1042	1244	1062	40- 50	795.1	2822	54.46.3
60	276.7	748.6	1257	835.2	301.3	764.7	1253	814.6	50- 60	777.7	3600	68.9,59
70	171.5	500.3	1096	597.3	185.3	496.1	1013	547.0	60- 70	696.6	4296	82.3,70.4
80	78.23	299.8	698.3	357.5	86.75	284.3	585.4	312.8	70- 80	498.2	4794	91.8,78.6
90	1.715	167.8	367.9	192.1	2.889	153.4	299.9	165.4	80- 90	278.3	5073	97.1,83.2
100	2.508	87.39	195.9	96.60	2.139	75.41	161.1	80.70	90-100	138.9	5212	99.8,85.4
110	0	0	0	0	0	0	0	0	100-110	11.63	5223	100,85.6
120	0	0	0	0	0	0	0	0	110-120	0	5223	100,85.6
130	0	0	0	0	0	0	0	0	120-130	0	5223	100,85.6
140	0	0	0	0	0	0	0	0	130-140	0	5223	100,85.6
150	0	0	0	0	0	0	0	0	140-150	0	5223	100,85.6
160	0	0	0	0	0	0	0	0	150-160	0	5223	100,85.6
170	0	0	0	0	0	0	0	0	160-170	0	5223	100,85.6
180	0	0	0	0	0	0	0	0	170-180	0	5223	100,85.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2424.7 lm

%lum = 46.4%
%lamp = 39.7%

Conical surface Flux(130deg): 3965.5 lm

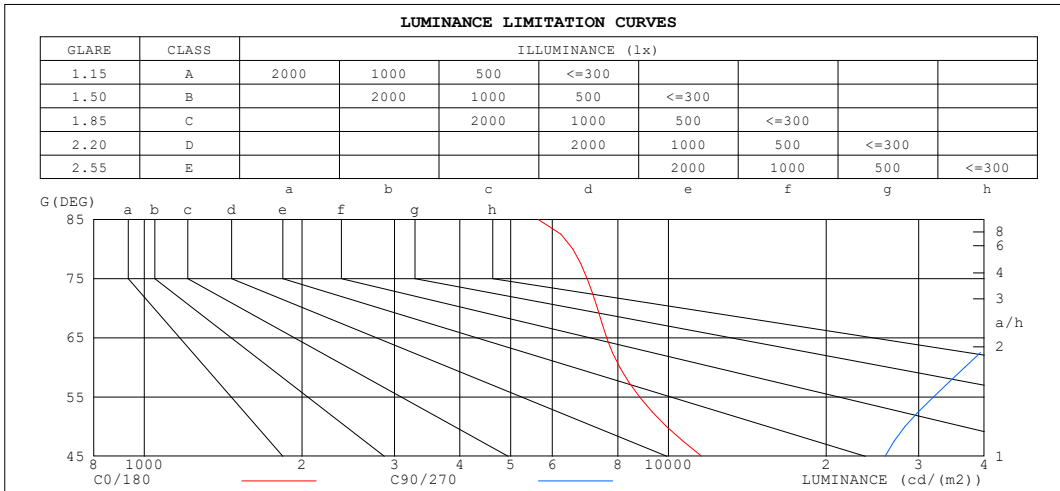
%lum = 75.9%
%lamp = 65.0%

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:09 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: 93TL206750WW/BL	TYPE: 93TL206750WW/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: regtangular	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5643	85508
80	6570	58808
75	6990	51444
70	7313	46855
65	7625	41940
60	8069	36760
55	8802	32003
50	9917	28250
45	11577	25889

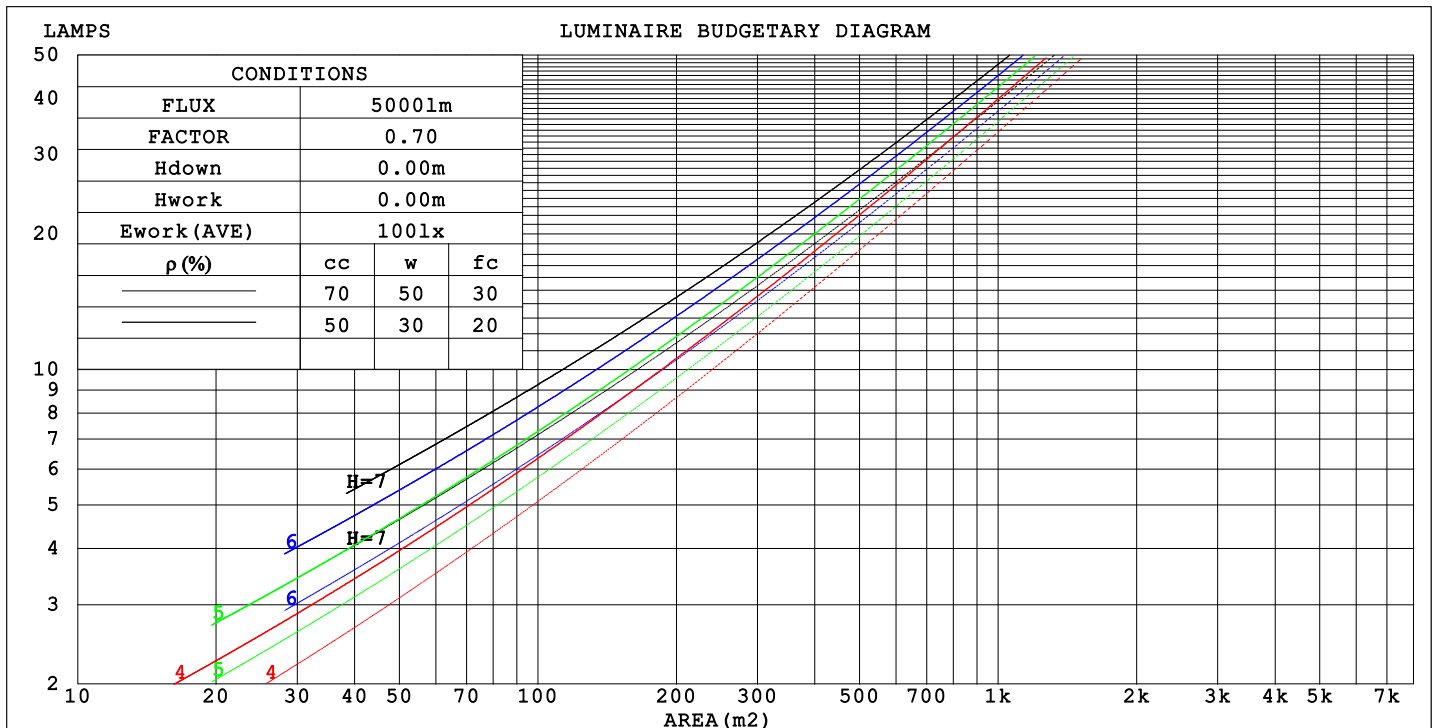
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3°C
 Operators:
 Test Date: 09 August 2022

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 93TL206750WW/BL	TYPE: 93TL206750WW/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	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															



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:09 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:

WEC AND CCEC

NAME: 93TL206750WW/BL	TYPE: 93TL206750WW/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	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	.309	.176	.056	.302	.172	.055	.289	.166	.053	.277	.160	.051	.266	.154	.050	
2.0	.276	.151	.046	.270	.149	.046	.259	.144	.045	.248	.139	.044	.238	.135	.042	
3.0	.249	.133	.040	.244	.130	.039	.233	.126	.038	.224	.123	.038	.215	.119	.037	
4.0	.226	.117	.035	.221	.116	.034	.212	.112	.034	.203	.109	.033	.196	.106	.032	
5.0	.206	.105	.030	.202	.104	.030	.194	.101	.030	.186	.098	.029	.179	.096	.029	
6.0	.190	.095	.027	.186	.094	.027	.179	.092	.027	.172	.089	.026	.165	.087	.026	
7.0	.176	.087	.025	.172	.086	.024	.166	.084	.024	.159	.082	.024	.154	.080	.023	
8.0	.163	.080	.022	.160	.079	.022	.154	.077	.022	.149	.075	.022	.143	.074	.021	
9.0	.152	.074	.021	.149	.073	.020	.144	.071	.020	.139	.070	.020	.134	.068	.020	
10.0	.143	.068	.019	.140	.068	.019	.135	.066	.019	.131	.065	.018	.126	.064	.018	

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	.182	.182	.182	.155	.155	.155	.106	.106	.106	.061	.061	.061	.019	.019	.019	
1.0	.176	.152	.131	.151	.131	.112	.103	.090	.078	.059	.052	.045	.019	.017	.015	
2.0	.170	.132	.100	.146	.114	.086	.100	.079	.060	.058	.046	.035	.018	.015	.011	
3.0	.163	.117	.080	.140	.101	.070	.096	.070	.049	.056	.041	.029	.018	.013	.009	
4.0	.157	.106	.067	.134	.092	.058	.092	.064	.041	.053	.037	.024	.017	.012	.008	
5.0	.150	.097	.058	.129	.084	.051	.089	.059	.036	.051	.035	.021	.017	.011	.007	
6.0	.144	.090	.052	.123	.078	.045	.085	.055	.032	.049	.032	.019	.016	.011	.006	
7.0	.137	.084	.047	.118	.073	.041	.082	.051	.029	.047	.030	.017	.015	.010	.006	
8.0	.132	.079	.044	.113	.069	.038	.078	.048	.027	.046	.029	.016	.015	.009	.005	
9.0	.126	.075	.041	.109	.065	.036	.075	.046	.025	.044	.027	.015	.014	.009	.005	
10.0	.121	.071	.038	.104	.062	.034	.072	.044	.024	.042	.026	.014	.014	.008	.005	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:09 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: 93TL206750WW/BL						TYPE: 93TL206750WW/BL			WEIGHT: 1		
SPEC.:						DIM.: 4 x 0.285 x 0.06			SERIAL No.: 0		
MFR.: Elmark Industries JSC						SUR.: regtangular			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	13.0	14.5	13.3	14.8	15.0	19.9	21.5	20.3	21.8	22.0
	3H	13.7	15.1	14.0	15.4	15.7	22.8	24.3	23.2	24.6	24.9
	4H	14.0	15.4	14.4	15.7	16.0	24.1	25.5	24.5	25.8	26.1
	6H	14.3	15.6	14.6	15.9	16.2	25.2	26.5	25.6	26.9	27.2
	8H	14.4	15.6	14.7	16.0	16.3	25.7	27.0	26.1	27.3	27.7
	12H	14.4	15.6	14.8	16.0	16.4	26.3	27.5	26.7	27.8	28.2
4H	2H	15.3	16.6	15.6	16.9	17.3	20.2	21.5	20.5	21.9	22.2
	3H	16.0	17.2	16.4	17.5	17.9	23.4	24.6	23.8	25.0	25.3
	4H	16.3	17.4	16.7	17.8	18.2	24.9	26.0	25.3	26.4	26.8
	6H	16.6	17.6	17.0	18.0	18.4	26.3	27.3	26.7	27.7	28.1
	8H	16.7	17.6	17.1	18.0	18.5	26.9	27.9	27.4	28.3	28.7
	12H	16.7	17.6	17.2	18.1	18.5	27.6	28.5	28.1	28.9	29.4
8H	4H	18.1	19.0	18.5	19.4	19.9	25.0	25.9	25.4	26.3	26.8
	6H	18.5	19.3	19.0	19.8	20.3	26.6	27.4	27.1	27.8	28.3
	8H	18.7	19.4	19.2	19.9	20.4	27.4	28.2	27.9	28.6	29.1
	12H	18.9	19.5	19.4	20.0	20.6	28.4	29.0	28.9	29.5	30.0
12H	4H	18.7	19.5	19.2	20.0	20.5	24.9	25.8	25.4	26.2	26.7
	6H	19.3	20.0	19.8	20.5	21.0	26.6	27.3	27.1	27.8	28.3
	8H	19.6	20.2	20.1	20.7	21.3	27.5	28.1	28.0	28.6	29.2
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.2 / - 0.3					+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.5 / - 0.3					+ 0.3 / - 0.5				

CIE Pub.117, 6100 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.3)
Area: 0.0684 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:09 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: 93TL206750WW/BL	TYPE: 93TL206750WW/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: regtangular	Shielding Angle:

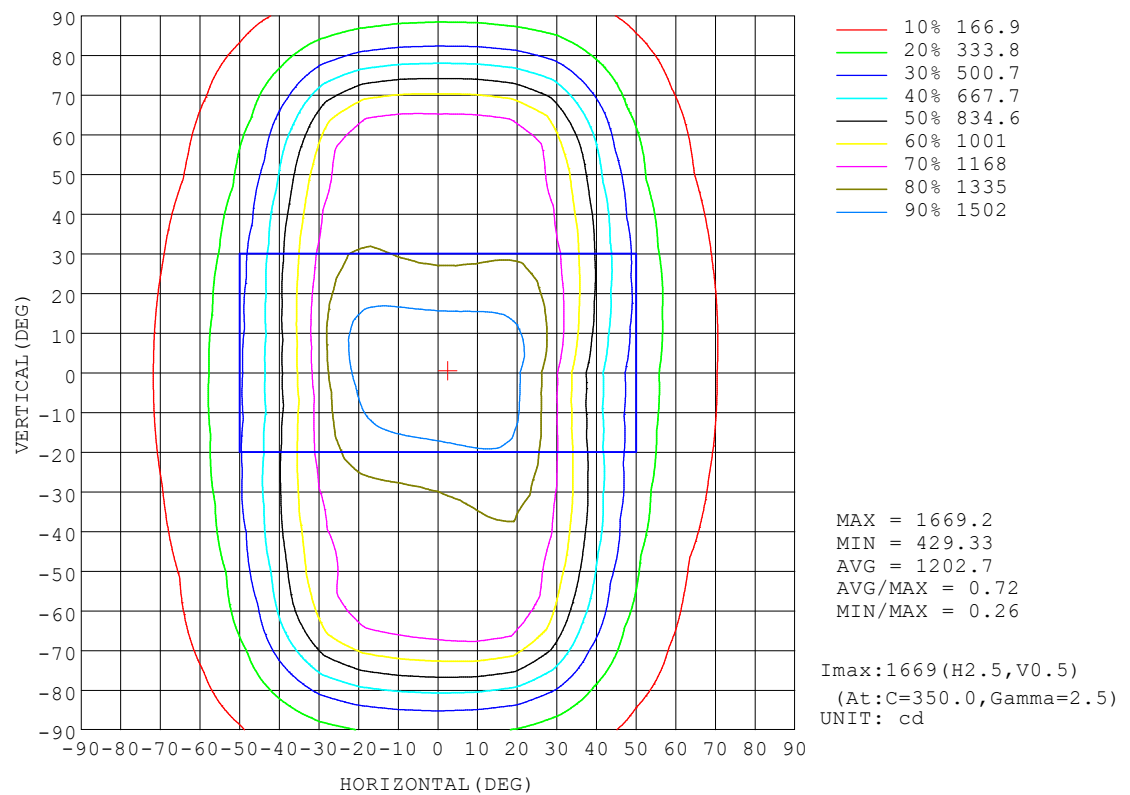
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	36	30	46	36	30	45	36	30	24
0.80	55	44	37	54	44	37	52	43	37	31
1.00	61	51	44	60	51	44	58	52	44	37
1.25	67	57	51	66	57	50	63	55	50	43
1.50	72	62	55	70	61	55	67	60	54	47
2.00	78	69	63	76	68	62	73	66	61	53
2.50	81	74	67	79	72	67	76	70	65	57
3.00	84	77	72	82	76	71	78	73	69	61
4.00	88	82	77	86	81	76	82	77	74	65
5.00	90	85	81	88	84	80	84	80	77	68
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: MEDIUM
Temperature: 25.3°C
Operators:
Test Date: 09 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: 93TL206750WW/BL	TYPE: 93TL206750WW/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	Shielding Angle:

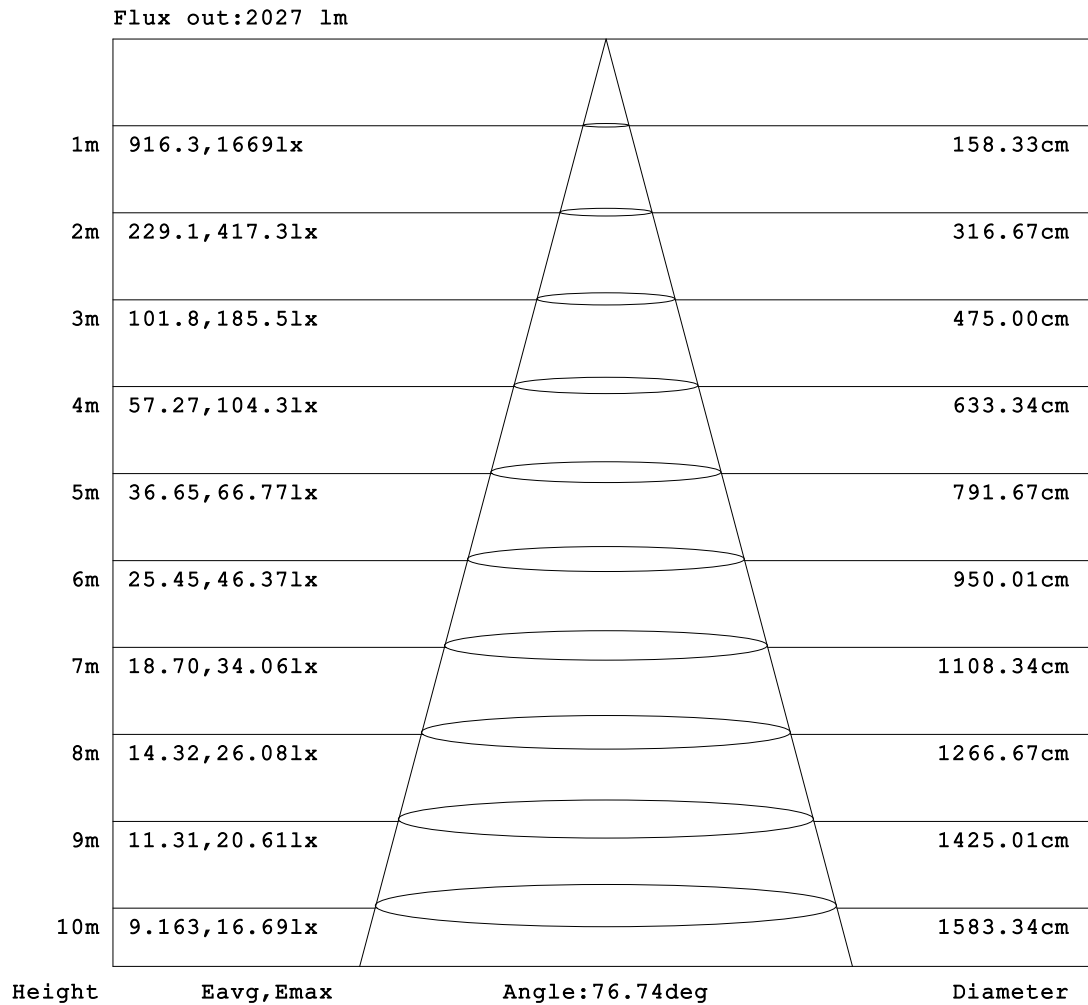


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:09 August 2022

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: 93TL206750WW/BL	TYPE: 93TL206750WW/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	Shielding Angle:



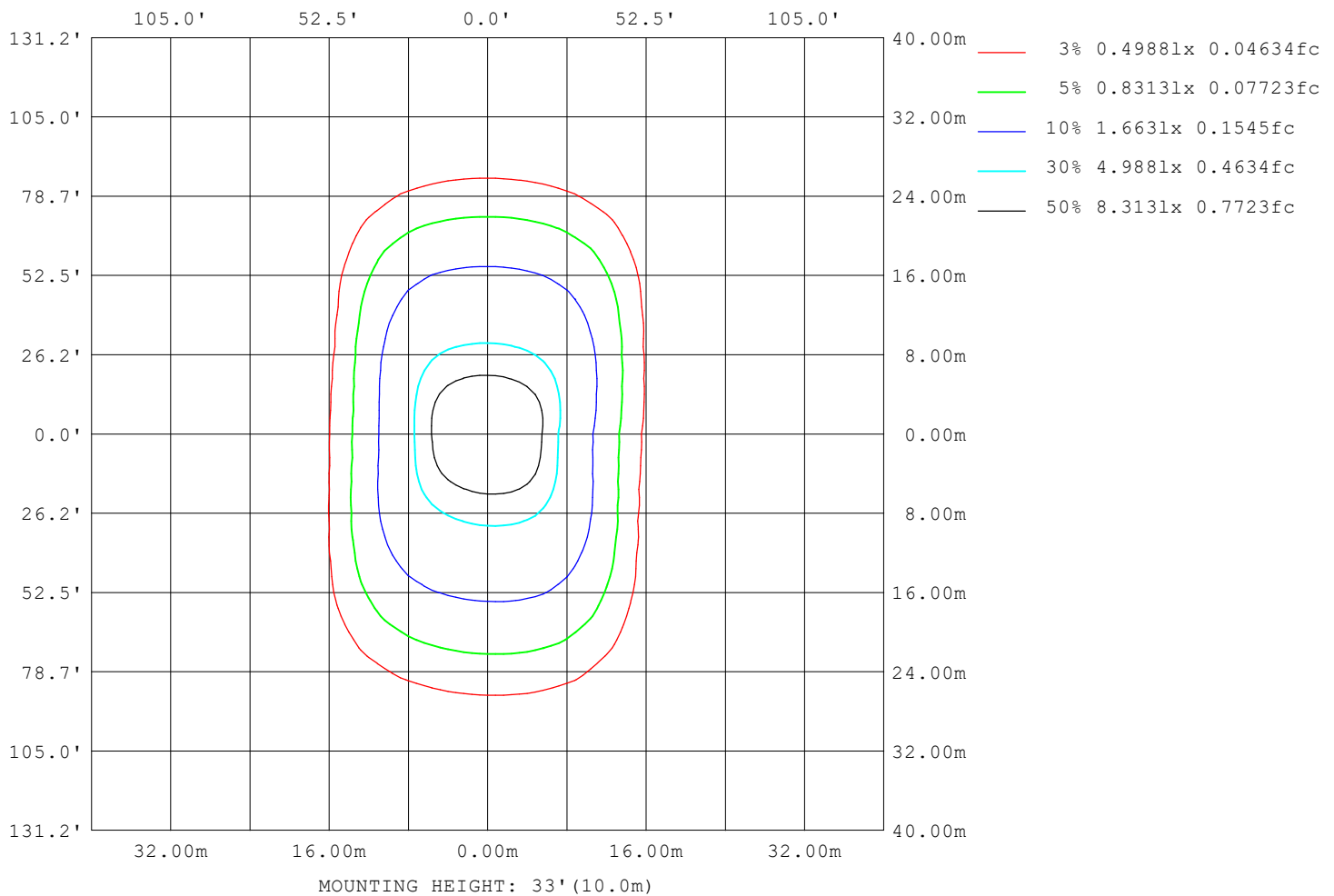
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature: 25.3°C
Operators:
Test Date: 09 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: 93TL206750WW/BL	TYPE: 93TL206750WW/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3°C
 Operators:
 Test Date: 09 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: 93TL206750WW/BL	TYPE: 93TL206750WW/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: regtangular	Shielding Angle:

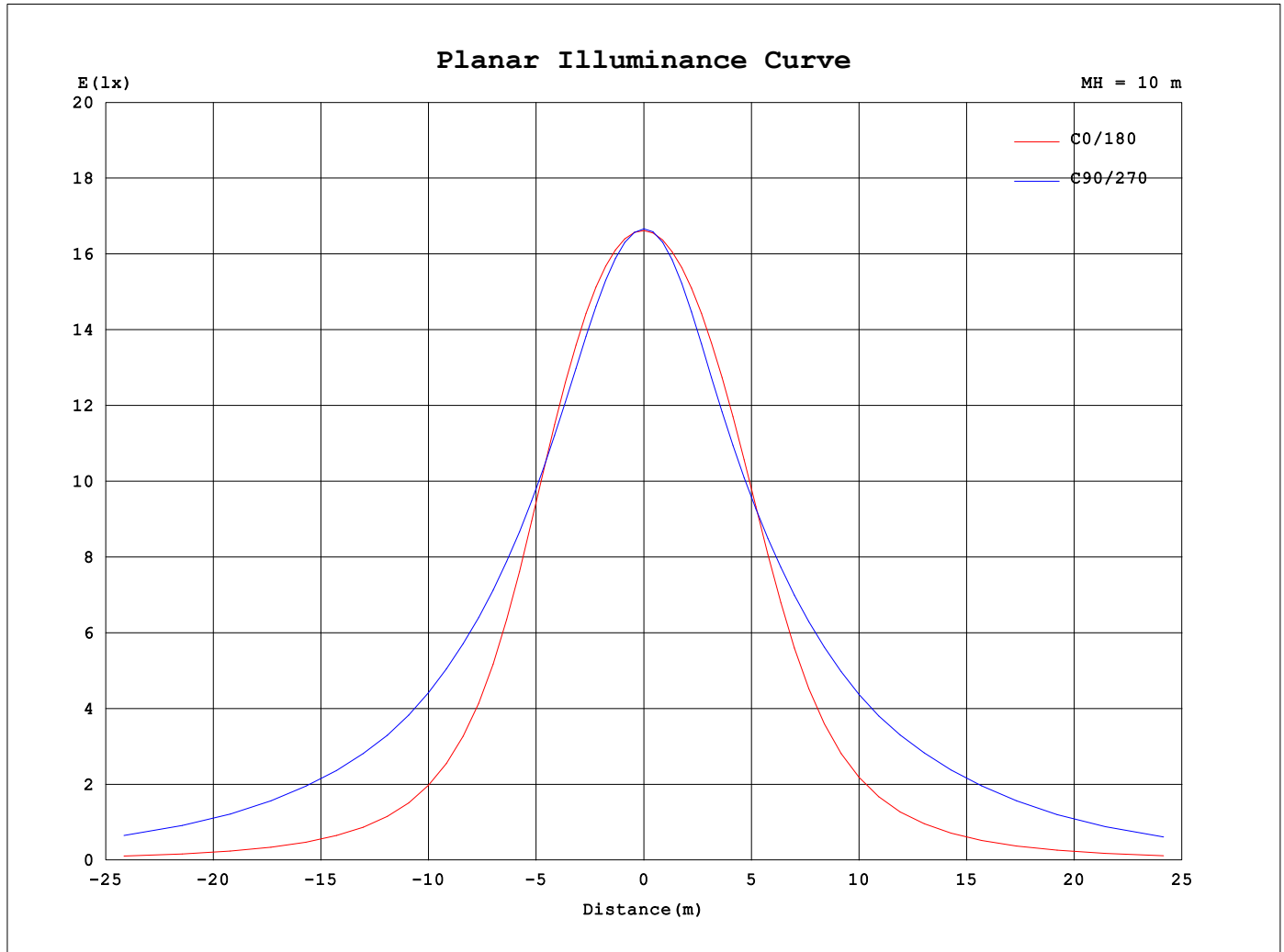
AvgL	cd/m2
L_0~180 (65) av	7958
L_0~180 (75) av	7316
L_0~180 (85) av	6257
L_90~270 (65) av	41275
L_90~270 (75) av	48255
L_90~270 (85) av	77790
L_45 (65) av	22688
L_45 (75) av	23119
L_45 (85) av	38493

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:09 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: MEDIUM
 Temperature: 25.3°C
 Operators:
 Test Date: 09 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: 93TL206750WW/BL	TYPE: 93TL206750WW/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: regtangular	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	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667
5	1664	1663	1662	1661	1660	1657	1655	1653	1650	1649	1648	1649	1650	1651	1653	1655	1657	1659	1661
10	1647	1646	1645	1643	1639	1632	1624	1615	1607	1603	1601	1603	1606	1611	1618	1624	1630	1635	1642
15	1606	1607	1610	1612	1607	1595	1578	1560	1544	1535	1531	1535	1543	1554	1566	1576	1584	1593	1606
20	1525	1529	1544	1560	1563	1548	1523	1496	1472	1458	1453	1458	1471	1488	1505	1515	1518	1520	1540
25	1383	1393	1429	1476	1500	1494	1467	1434	1406	1389	1381	1386	1400	1420	1436	1438	1422	1404	1424
30	1178	1194	1259	1349	1415	1435	1417	1384	1354	1335	1325	1326	1338	1354	1360	1338	1287	1235	1245
35	944	966	1054	1188	1310	1374	1377	1349	1319	1297	1285	1283	1289	1295	1276	1211	1114	1027	1023
40	730	753	848	1012	1187	1307	1345	1326	1294	1271	1258	1253	1254	1242	1182	1064	925	818	803
45	561	581	667	836	1050	1230	1314	1310	1278	1252	1237	1232	1227	1188	1077	910	747	641	620
50	437	452	521	673	902	1136	1276	1298	1269	1242	1226	1220	1205	1129	960	757	595	502	482
55	346	357	408	530	750	1022	1229	1300	1283	1255	1238	1226	1185	1056	834	615	472	397	380
60	277	284	319	413	603	894	1172	1292	1284	1257	1240	1228	1164	970	700	491	371	314	301
65	221	225	248	319	480	760	1072	1232	1236	1212	1197	1183	1098	863	578	384	288	246	239
70	172	174	190	250	381	619	922	1096	1112	1096	1083	1063	968	728	467	303	219	188	185
75	124	126	143	202	301	484	736	891	917	910	898	873	784	576	367	242	166	136	135
80	78.2	80.9	115	161	234	365	545	664	695	698	687	660	585	433	282	189	131	87.4	86.7
85	33.7	51.2	87.3	126	181	270	387	470	501	510	501	474	417	315	213	145	98.3	57.4	40.9
90	1.72	27.8	61.1	95.3	137	198	272	329	358	368	361	337	293	226	158	108	69.2	32.8	2.89
95	2.01	5.81	36.2	67.4	102	145	192	233	258	268	262	242	207	161	115	76.3	42.5	9.63	1.73
100	2.51	2.59	13.7	42.1	71.5	103	137	167	188	196	191	174	147	113	79.7	48.2	18.4	2.67	2.14
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: MEDIUM
Temperature:25.3°C
Operators:
Test Date:09 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: 93TL206750WW/BL	TYPE: 93TL206750WW/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: regtangular	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	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667	1667		
5	1662	1662	1661	1659	1657	1655	1652	1651	1650	1650	1651	1653	1655	1658	1661	1663	1664		
10	1646	1648	1643	1636	1626	1615	1605	1598	1594	1595	1600	1608	1617	1628	1636	1643	1648		
15	1616	1621	1616	1600	1578	1555	1534	1519	1512	1514	1524	1541	1560	1581	1597	1608	1612		
20	1558	1574	1573	1553	1521	1487	1456	1436	1426	1429	1443	1467	1496	1526	1545	1551	1545		
25	1449	1486	1502	1493	1462	1424	1389	1367	1356	1360	1374	1401	1433	1462	1472	1458	1428		
30	1275	1340	1393	1417	1406	1375	1341	1318	1308	1311	1325	1350	1377	1391	1370	1317	1250		
35	1053	1143	1245	1325	1354	1339	1308	1284	1274	1277	1291	1313	1328	1309	1238	1131	1030		
40	828	930	1073	1215	1300	1313	1287	1262	1251	1254	1268	1287	1281	1214	1082	931	811		
45	639	734	892	1084	1234	1290	1277	1251	1238	1241	1257	1267	1227	1100	914	741	628		
50	496	571	718	934	1149	1266	1277	1256	1244	1246	1257	1249	1158	967	747	582	487		
55	389	445	563	775	1037	1235	1291	1277	1264	1266	1274	1232	1067	820	594	454	383		
60	307	346	435	618	911	1177	1274	1266	1253	1257	1261	1191	960	669	463	355	303		
65	242	268	333	490	764	1059	1183	1185	1174	1178	1178	1088	825	539	356	274	239		
70	186	204	260	385	608	879	1006	1019	1013	1017	1009	917	669	426	281	208	184		
75	136	152	207	299	462	668	775	797	798	799	784	706	511	329	222	159	134		
80	89.2	120	163	229	339	475	553	580	585	585	566	506	375	251	174	126	90.3		
85	54.2	90.3	125	174	246	330	384	410	418	416	396	352	269	188	133	94.5	58.1		
90	29.7	62.4	92.5	130	177	230	269	292	300	297	278	244	191	139	98.2	65.6	33.1		
95	6.69	36.3	63.6	93.0	127	166	192	212	219	215	198	172	136	99.9	68.0	39.0	9.52		
100	2.34	13.4	37.6	62.4	88.4	115	138	155	161	157	142	120	94.1	67.3	40.9	15.7	2.44		
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: MEDIUM

Temperature:25.3°C

Operators:

Test Date:09 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: