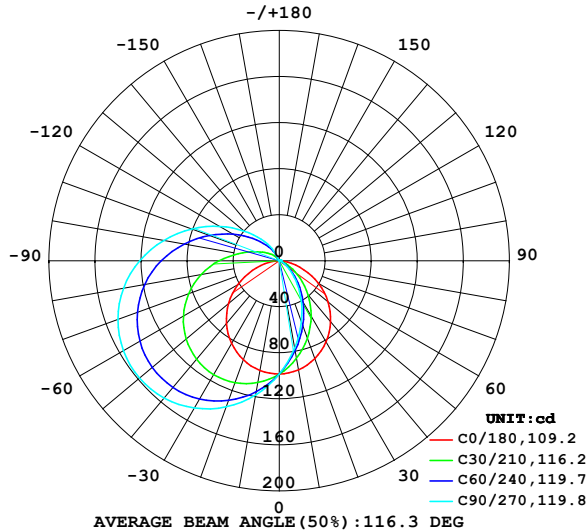


LUMINAIRE PHOTOMETRIC TEST REPORT

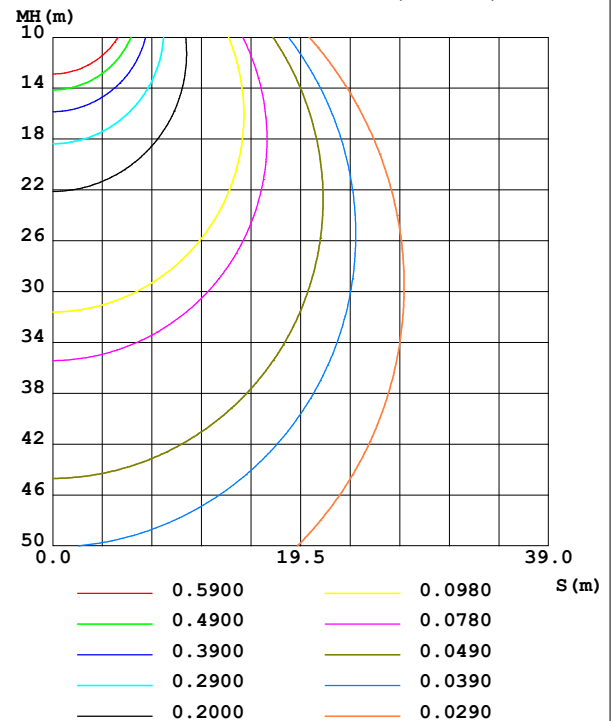
NAME: 99WT06/BL	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 400 x 180 x 40	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangle	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	99WT06/BL	I _{max} (cd)	158.5	S/MH (C0/180)	1.25
NOMINAL POWER (W)	6	LOR (%)	128.7	S/MH (C90/270)	2.17
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	501.89	η UP, DN (C0-180)	0.7, 17.3
NOMINAL FLUX (lm)	390	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	25.2, 85.4
LAMPS INSIDE	1	η up (%)	25.9	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	230	η down (%)	102.8	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: MEDIUM
Temperature: 25.3°C
Operators:
Test Date: 13 December 2022

γ Range: 0 - 150DEG
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	96.27	82.40	77.19	82.98	96.82	111.9	118.3	111.3	0- 10	9.335	9.335	1.86,2.39
20	90.51	64.94	56.42	65.99	91.58	121.9	135.0	120.6	10- 20	27.00	36.34	7.24,9.32
30	81.42	47.31	37.72	48.67	82.96	127.8	147.7	125.9	20- 30	41.84	78.17	15.6,20
40	69.52	30.86	22.49	32.32	71.39	129.5	155.6	127.1	30- 40	52.52	130.7	26,33.5
50	55.34	17.10	11.49	18.43	57.40	126.8	158.5	124.2	40- 50	58.45	189.1	37.7,48.5
60	39.41	7.367	4.710	8.328	41.60	120.2	156.4	117.3	50- 60	59.71	248.8	49.6,63.8
70	22.74	2.089	1.299	2.585	24.89	109.9	149.2	106.9	60- 70	56.95	305.8	60.9,78.4
80	7.461	0.6665	1.037	0.7169	9.194	96.32	137.4	93.37	70- 80	51.23	357.0	71.1,91.5
90	0.2172	0.7814	1.196	0.8235	0.2299	80.07	121.3	77.26	80- 90	43.73	400.8	79.9,103
100	0.2709	0.9031	1.327	0.9506	0.2682	62.41	102.1	60.02	90-100	35.22	436.0	86.9,112
110	0.3694	0.9989	1.403	1.051	0.3613	45.40	81.03	43.62	100-110	26.47	462.5	92.1,119
120	0.4707	1.062	1.417	1.124	0.4626	30.84	59.96	29.66	110-120	18.33	480.8	95.8,123
130	0.5611	1.080	1.400	1.151	0.5638	19.47	40.62	18.75	120-130	11.52	492.3	98.1,126
140	0.6459	1.080	1.346	1.157	0.6487	11.00	24.56	10.53	130-140	6.388	498.7	99.4,128
150	0.7198	1.066	1.272	1.157	0.7089	4.669	12.43	4.454	140-150	2.985	501.7	100,129
160	0	0	0	0	0	0	0	0	150-160	0.2164	501.9	100,129
170	0	0	0	0	0	0	0	0	160-170	0	501.9	100,129
180	0	0	0	0	0	0	0	0	170-180	0	501.9	100,129
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 159.48 lm

%lum = 31.8%

%lamp = 40.9%

Conical surface Flux(130deg): 277.88 lm

%lum = 55.4%

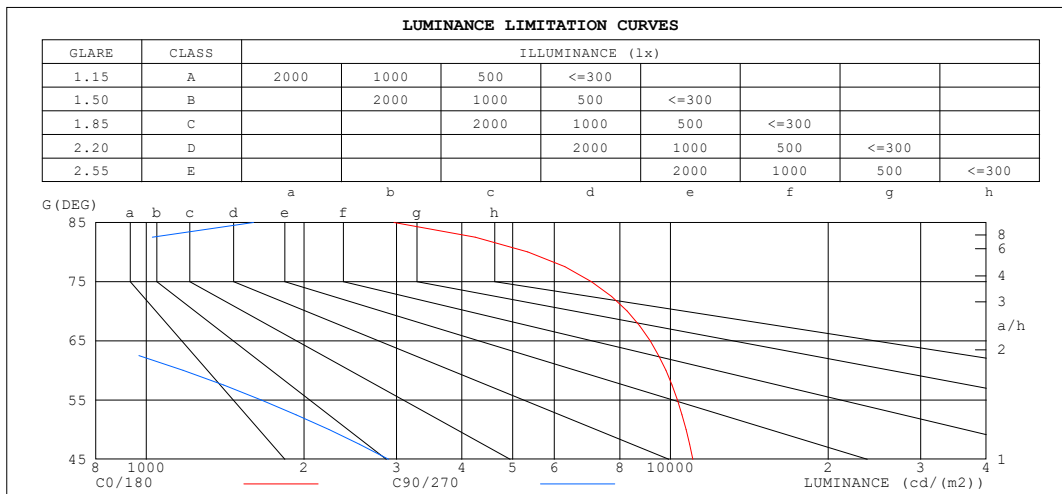
%lamp = 71.3%

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:13 December 2022

γ Range: 0 - 150DEG
 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: 99WT06/BL	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 400 x 180 x 40	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangle	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2966	1601
80	5342	745
75	7059	468
70	8266	473
65	9143	781
60	9800	1174
55	10308	1657
50	10704	2229
45	11026	2897

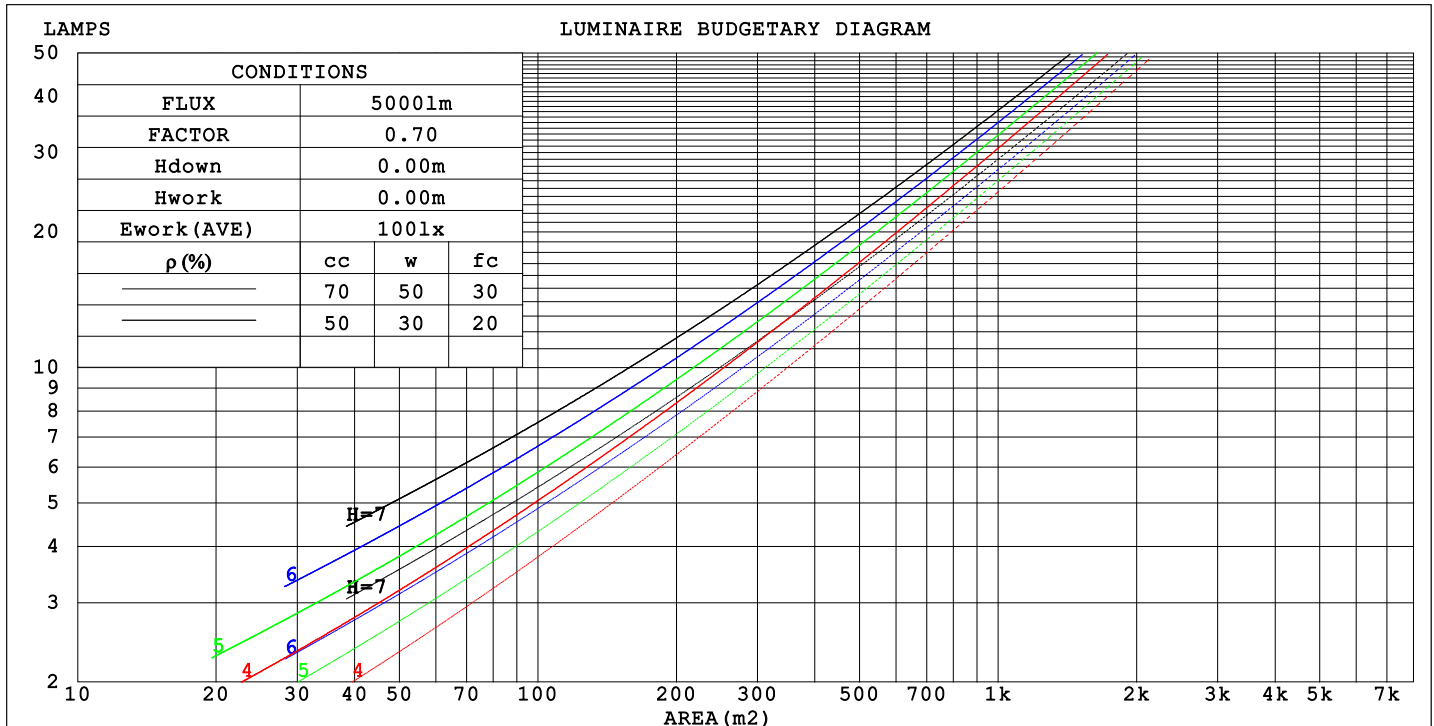
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3°C
 Operators:
 Test Date: 13 December 2022

γ Range: 0 - 150DEG
 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: 99WT06/BL	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 400 x 180 x 40	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangle	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: 13 December 2022

γ Range: 0 - 150DEG
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: 99WT06/BL	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 400 x 180 x 40	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangle	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	.518	.295	.093	.501	.286	.091	.468	.269	.086	.439	.253	.081	.411	.238	.077	
2.0	.442	.242	.074	.426	.235	.072	.397	.221	.069	.370	.208	.065	.345	.195	.062	
3.0	.390	.207	.062	.375	.201	.061	.349	.189	.057	.324	.178	.055	.302	.167	.052	
4.0	.349	.181	.053	.336	.176	.052	.312	.165	.049	.290	.156	.047	.269	.146	.045	
5.0	.316	.161	.047	.304	.156	.046	.283	.147	.043	.262	.138	.041	.243	.130	.039	
6.0	.289	.145	.041	.278	.141	.040	.258	.132	.039	.240	.125	.037	.222	.117	.035	
7.0	.266	.131	.037	.256	.128	.036	.238	.120	.035	.221	.113	.033	.205	.106	.031	
8.0	.246	.120	.034	.237	.117	.033	.221	.110	.031	.205	.104	.030	.190	.097	.028	
9.0	.229	.111	.031	.221	.108	.030	.206	.102	.029	.191	.096	.027	.177	.090	.026	
10.0	.214	.103	.029	.207	.100	.028	.192	.094	.027	.179	.089	.025	.166	.084	.024	

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	.443	.443	.443	.378	.378	.378	.258	.258	.258	.148	.148	.148	.047	.047	.047	
1.0	.439	.399	.363	.376	.343	.312	.257	.236	.216	.148	.136	.126	.047	.044	.041	
2.0	.431	.370	.319	.369	.318	.275	.253	.220	.192	.146	.128	.113	.047	.041	.037	
3.0	.421	.349	.291	.361	.301	.253	.248	.209	.177	.143	.122	.104	.046	.040	.034	
4.0	.411	.333	.273	.353	.288	.237	.243	.201	.167	.140	.117	.099	.045	.038	.033	
5.0	.401	.321	.261	.345	.277	.227	.237	.194	.160	.138	.114	.095	.044	.037	.031	
6.0	.392	.310	.252	.337	.269	.220	.232	.188	.155	.135	.111	.092	.043	.036	.031	
7.0	.382	.302	.246	.329	.262	.214	.227	.184	.152	.132	.108	.090	.043	.035	.030	
8.0	.374	.295	.241	.322	.256	.210	.223	.180	.149	.129	.106	.089	.042	.035	.029	
9.0	.365	.289	.237	.315	.251	.207	.218	.176	.147	.127	.104	.087	.041	.034	.029	
10.0	.358	.283	.234	.309	.246	.204	.214	.173	.145	.125	.102	.087	.040	.034	.029	

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:13 December 2022

γ Range: 0 - 150DEG
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: 99WT06/BL					TYPE:			WEIGHT: 1			
SPEC.:					DIM.: 400 x 180 x 40			SERIAL No.: 0			
MFR.: Elmark Industries JSC					SUR.: rectangle			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	18.0	19.4	18.6	19.9	20.6	10.7	12.1	11.2	12.6	13.2
	3H	19.2	20.5	19.8	21.0	21.7	10.6	11.9	11.2	12.4	13.1
	4H	19.6	20.8	20.2	21.4	22.1	10.5	11.7	11.1	12.3	13.0
	6H	19.8	20.9	20.4	21.5	22.2	10.5	11.7	11.1	12.3	13.0
	8H	19.8	20.9	20.4	21.5	22.3	10.6	11.7	11.2	12.3	13.0
	12H	19.8	20.9	20.4	21.5	22.2	10.8	11.8	11.4	12.5	13.2
4H	2H	17.7	18.9	18.2	19.5	20.1	11.0	12.2	11.6	12.8	13.5
	3H	18.8	19.9	19.5	20.5	21.2	10.9	12.0	11.5	12.6	13.3
	4H	19.2	20.2	19.9	20.9	21.6	10.8	11.8	11.5	12.5	13.2
	6H	19.4	20.3	20.1	21.0	21.8	10.9	11.8	11.6	12.5	13.2
	8H	19.5	20.3	20.2	21.0	21.8	11.0	11.9	11.7	12.5	13.4
	12H	19.5	20.2	20.2	20.9	21.8	11.3	12.1	12.0	12.8	13.6
8H	4H	19.0	19.8	19.7	20.5	21.3	10.7	11.6	11.4	12.3	13.1
	6H	19.2	19.9	20.0	20.7	21.5	10.9	11.6	11.6	12.3	13.1
	8H	19.3	19.9	20.0	20.6	21.5	11.1	11.8	11.9	12.5	13.3
	12H	19.3	19.8	20.0	20.6	21.5	11.6	12.2	12.4	12.9	13.8
12H	4H	18.9	19.7	19.6	20.4	21.2	10.7	11.4	11.4	12.1	13.0
	6H	19.2	19.8	19.9	20.5	21.4	10.9	11.5	11.6	12.2	13.1
	8H	19.2	19.8	20.0	20.5	21.4	11.1	11.7	11.9	12.4	13.3
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 1.5 / - 1.5					+ 1.2 / - 1.8				
1.5H		+ 2.6 / - 3.5					+ 0.8 / - 1.2				
2.0H		+ 3.7 / - 5.9					+ 1.8 / - 2.0				

CIE Pub.117, 390.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.3)
Area: 0.008 m2

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:13 December 2022

γ Range: 0 - 150DEG
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: 99WT06/BL	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 400 x 180 x 40	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangle	Shielding Angle:

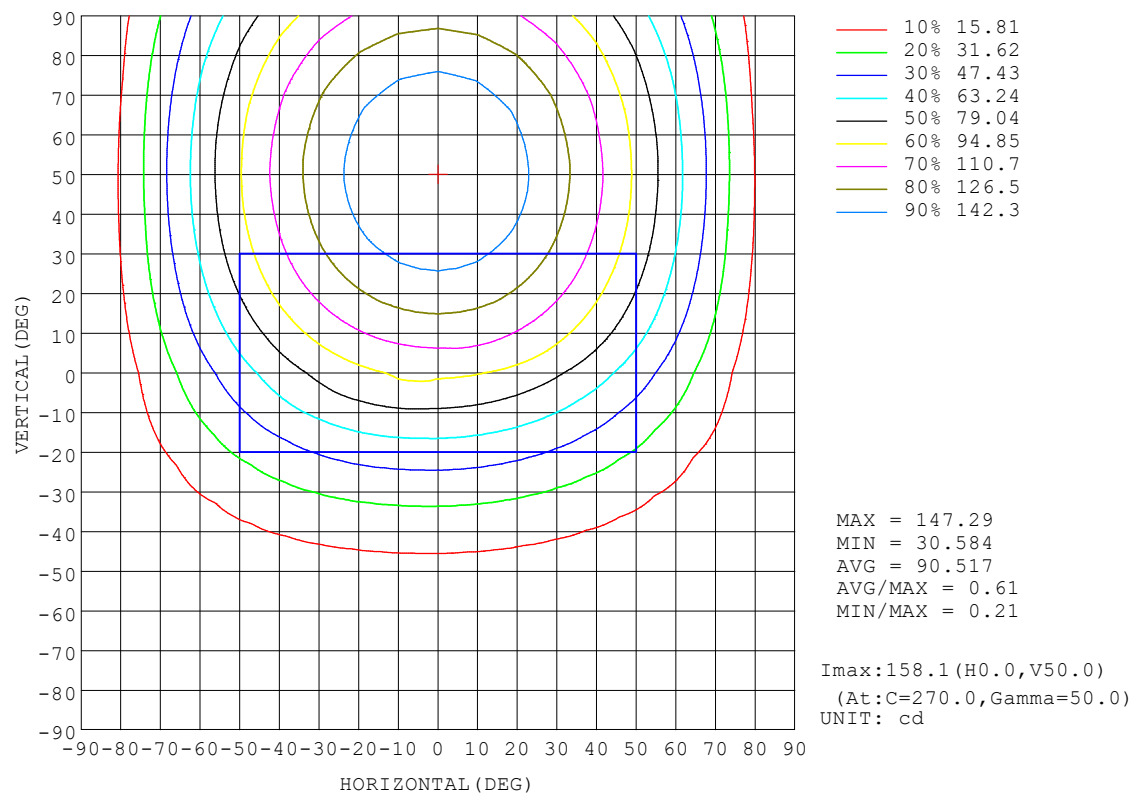
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	59	43	34	58	43	33	55	41	33	24
0.80	71	54	43	69	53	43	65	51	42	31
1.00	81	64	52	78	62	52	73	63	50	39
1.25	90	73	61	86	71	60	81	68	58	45
1.50	96	80	68	93	78	67	86	73	64	50
2.00	106	91	79	101	88	78	94	83	74	58
2.50	112	98	87	107	94	85	99	88	80	63
3.00	116	104	94	112	100	91	103	93	86	68
4.00	123	112	103	117	108	99	108	100	93	74
5.00	127	117	109	121	113	105	111	104	98	78
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: 13 December 2022

γ Range: 0 - 150DEG
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: 99WT06/BL	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 400 x 180 x 40	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangle	Shielding Angle:

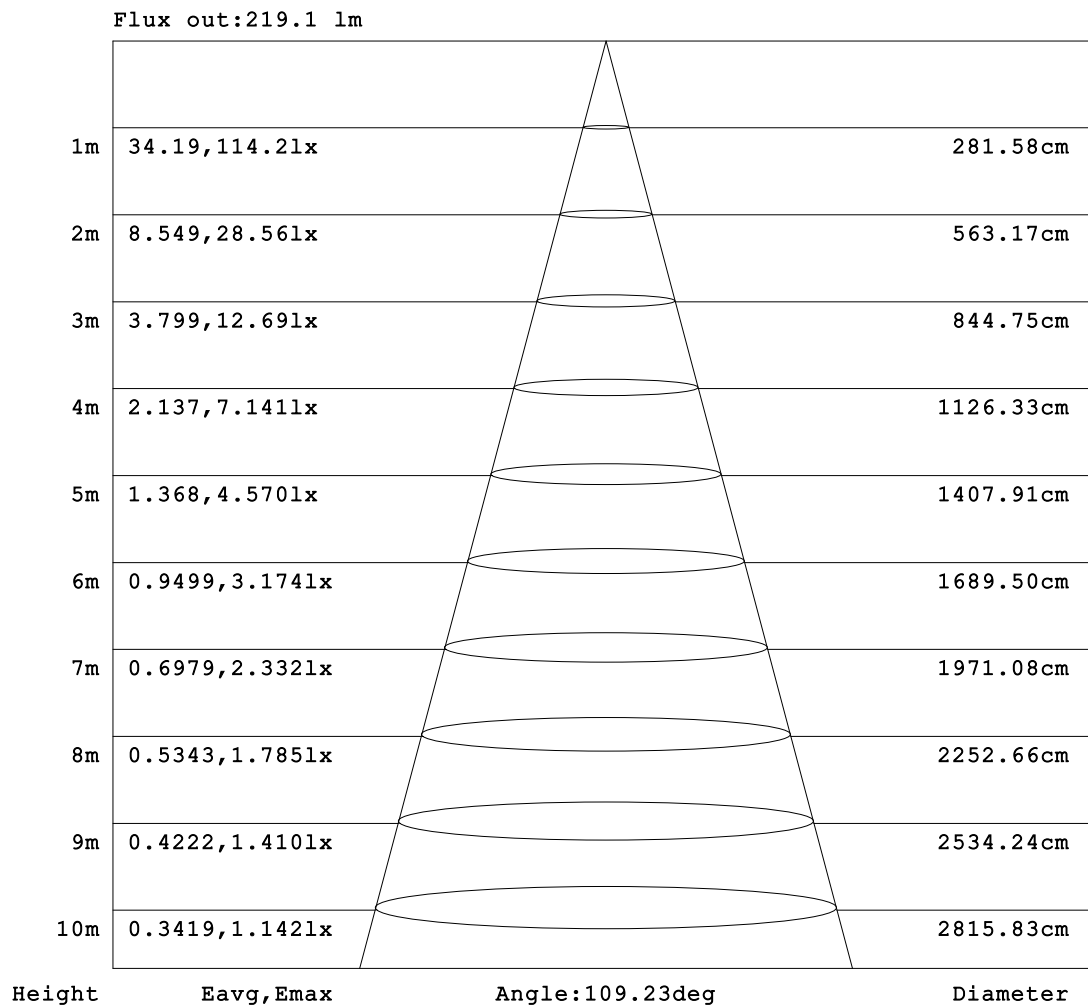


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature:25.3°C
 Operators:
 Test Date:13 December 2022

γ Range: 0 - 150DEG
 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: 99WT06/BL	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 400 x 180 x 40	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangle	Shielding Angle:



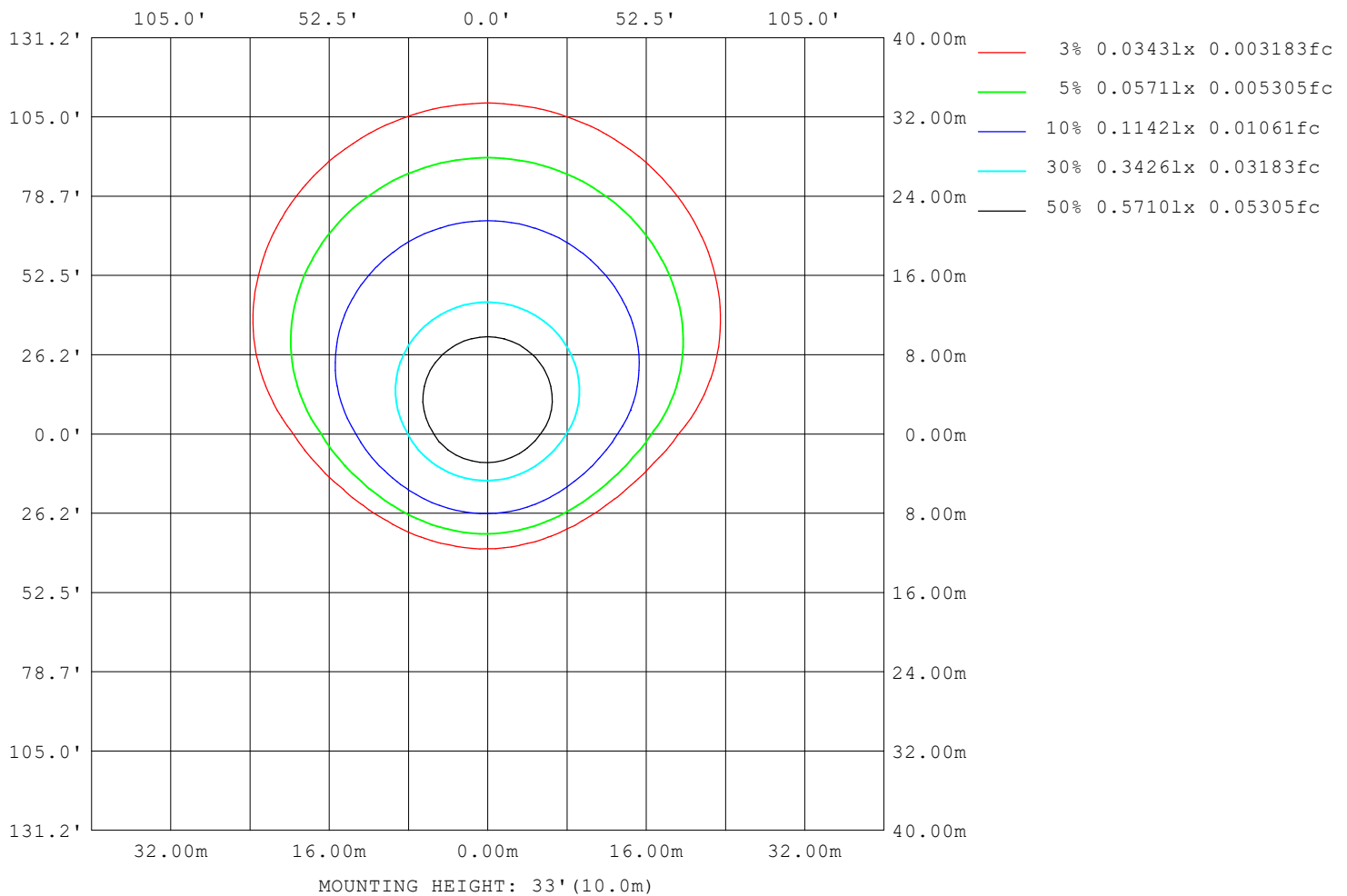
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3°C
 Operators:
 Test Date: 13 December 2022

γ Range: 0 - 150DEG
 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: 99WT06/BL	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 400 x 180 x 40	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangle	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature: 25.3°C
Operators:
Test Date: 13 December 2022

γ Range: 0 - 150DEG
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: 99WT06/BL	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 400 x 180 x 40	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangle	Shielding Angle:

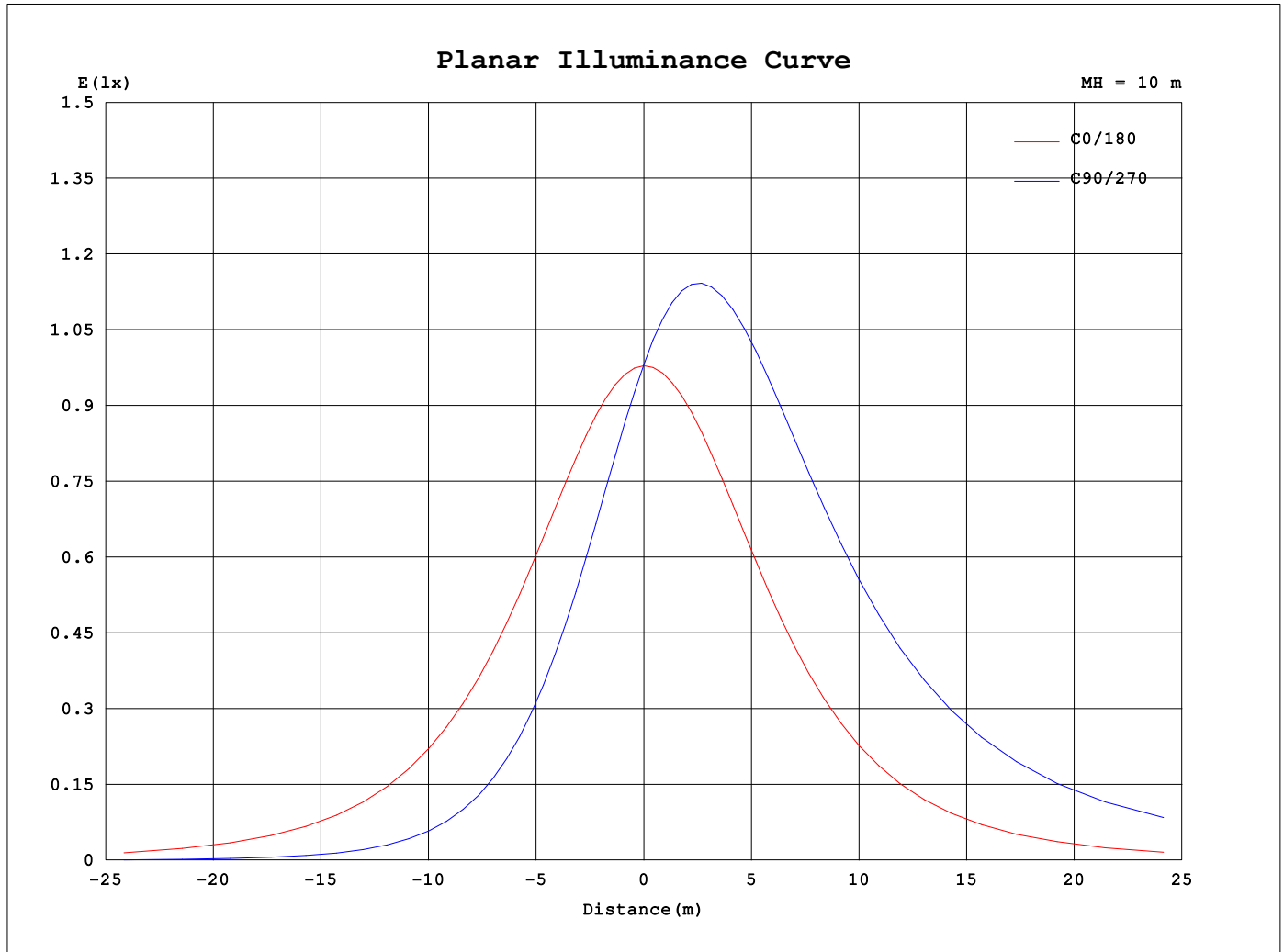
AvgL	cd/m2
L_0~180 (65) av	9520
L_0~180 (75) av	7584
L_0~180 (85) av	3796
L_90~270 (65) av	23072
L_90~270 (75) av	34969
L_90~270 (85) av	93902
L_45 (65) av	17567
L_45 (75) av	24941
L_45 (85) av	63166

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: MEDIUM
Temperature:25.3°C
Operators:
Test Date:13 December 2022

γ Range: 0 - 150DEG
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: 13 December 2022

γ Range: 0 - 150DEG
 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: 99WT06/BL	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 400 x 180 x 40	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangle	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	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
5	97.8	96.0	94.3	92.7	91.3	90.0	89.1	88.4	88.0	87.8	88.0	88.5	89.3	90.3	91.6	93.1	94.6	96.4	98.1
10	96.3	92.7	89.3	86.2	83.5	81.3	79.4	78.1	77.4	77.2	77.5	78.4	79.8	81.8	84.2	86.9	90.0	93.4	96.8
15	93.8	88.6	83.6	79.2	75.3	72.2	69.7	67.9	66.9	66.6	67.0	68.2	70.2	72.9	76.2	80.2	84.6	89.5	94.6
20	90.5	83.6	77.3	71.7	66.9	63.0	60.0	57.9	56.7	56.4	56.9	58.3	60.7	64.0	68.0	72.9	78.6	84.9	91.6
25	86.3	78.0	70.3	63.7	58.2	53.9	50.6	48.3	47.1	46.7	47.3	48.8	51.4	55.0	59.6	65.3	71.9	79.5	87.6
30	81.4	71.7	62.9	55.6	49.6	45.0	41.6	39.3	38.0	37.7	38.3	39.8	42.4	46.2	51.1	57.3	64.8	73.5	83.0
35	75.8	64.7	55.2	47.3	41.1	36.5	33.2	31.1	29.9	29.6	30.2	31.6	34.1	37.8	42.8	49.2	57.2	66.8	77.5
40	69.5	57.4	47.2	39.1	33.0	28.7	25.7	23.8	22.7	22.5	22.9	24.3	26.5	30.0	34.7	41.1	49.3	59.6	71.4
45	62.7	49.6	39.1	31.2	25.5	21.6	19.0	17.5	16.6	16.4	16.8	17.9	19.8	22.9	27.1	33.2	41.3	52.0	64.7
50	55.3	41.6	31.1	23.7	18.7	15.5	13.4	12.2	11.6	11.5	11.8	12.7	14.2	16.6	20.2	25.6	33.4	44.1	57.4
55	47.6	33.4	23.4	16.9	12.9	10.5	8.96	8.13	7.68	7.63	7.86	8.49	9.60	11.4	14.2	18.7	25.6	36.0	49.7
60	39.4	25.3	16.3	11.1	8.19	6.55	5.56	5.01	4.74	4.71	4.88	5.30	6.08	7.34	9.31	12.7	18.4	27.9	41.6
65	31.1	17.6	10.2	6.56	4.71	3.70	3.13	2.81	2.67	2.65	2.77	3.03	3.52	4.29	5.56	7.82	12.0	20.1	33.3
70	22.7	10.7	5.45	3.33	2.35	1.83	1.54	1.36	1.31	1.30	1.39	1.51	1.81	2.23	2.94	4.22	6.82	12.9	24.9
75	14.7	5.14	2.30	1.37	0.98	0.77	0.82	0.88	0.94	0.97	0.96	0.92	0.90	0.99	1.33	1.90	3.17	6.79	16.7
80	7.46	1.60	0.72	0.49	0.60	0.73	0.82	0.94	0.97	1.04	0.99	0.96	0.86	0.77	0.66	0.71	1.13	2.54	9.19
85	2.08	0.31	0.38	0.51	0.63	0.80	0.89	1.02	1.06	1.12	1.07	1.05	0.93	0.84	0.67	0.55	0.43	0.57	3.21
90	0.22	0.31	0.41	0.57	0.70	0.86	0.96	1.09	1.13	1.20	1.15	1.12	1.01	0.91	0.74	0.61	0.45	0.35	0.23
95	0.22	0.36	0.46	0.63	0.76	0.93	1.03	1.16	1.20	1.27	1.22	1.19	1.07	0.97	0.80	0.67	0.50	0.39	0.23
100	0.27	0.41	0.51	0.68	0.82	0.99	1.09	1.22	1.26	1.33	1.28	1.26	1.14	1.04	0.86	0.73	0.56	0.44	0.27
105	0.32	0.45	0.56	0.74	0.87	1.04	1.14	1.27	1.31	1.37	1.33	1.30	1.18	1.09	0.92	0.79	0.61	0.50	0.31
110	0.37	0.51	0.62	0.79	0.92	1.08	1.18	1.30	1.35	1.40	1.37	1.34	1.23	1.13	0.97	0.85	0.67	0.56	0.36
115	0.42	0.56	0.66	0.83	0.96	1.12	1.21	1.32	1.37	1.42	1.39	1.36	1.26	1.17	1.01	0.90	0.72	0.61	0.41
120	0.47	0.61	0.71	0.87	0.99	1.14	1.23	1.32	1.38	1.42	1.40	1.36	1.27	1.20	1.05	0.94	0.77	0.67	0.46
125	0.52	0.65	0.75	0.90	1.01	1.14	1.23	1.31	1.38	1.41	1.40	1.36	1.29	1.20	1.08	0.98	0.82	0.72	0.51
130	0.56	0.69	0.78	0.92	1.02	1.14	1.24	1.31	1.38	1.40	1.40	1.35	1.29	1.20	1.10	1.01	0.86	0.77	0.56
135	0.60	0.73	0.81	0.94	1.03	1.13	1.24	1.29	1.37	1.38	1.39	1.33	1.29	1.20	1.11	1.03	0.90	0.82	0.60
140	0.65	0.76	0.83	0.94	1.03	1.12	1.23	1.27	1.34	1.35	1.37	1.31	1.29	1.20	1.12	1.05	0.93	0.86	0.65
145	0.68	0.79	0.85	0.94	1.03	1.11	1.21	1.24	1.31	1.31	1.33	1.28	1.26	1.19	1.13	1.06	0.95	0.90	0.69
150	0.72	0.79	0.86	0.94	1.03	1.10	1.17	1.21	1.27	1.27	1.29	1.27	1.24	1.19	1.13	1.07	0.98	0.92	0.71
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:13 December 2022

γ Range: 0 - 150DEG

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: 99WT06/BL	TYPE:	WEIGHT: 1
SPEC.:	DIM.: 400 x 180 x 40	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangle	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	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4		
5	99.9	102	103	105	106	107	108	109	109	109	108	107	106	105	103	101	99.6		
10	100	104	107	111	113	115	117	118	118	118	117	115	113	110	107	103	99.8		
15	100	105	111	115	119	123	125	127	127	127	125	122	119	114	110	104	99.1		
20	98.8	106	113	119	125	129	132	134	135	134	132	128	123	118	111	105	97.5		
25	96.5	105	114	122	129	134	139	141	142	141	138	133	127	120	112	104	95.0		
30	93.5	104	114	124	132	139	144	147	148	146	143	137	130	122	112	102	91.7		
35	89.5	102	113	124	134	142	148	151	152	151	147	140	132	122	111	99.5	87.5		
40	84.9	98.5	112	124	135	144	150	154	156	154	149	142	133	122	109	96.1	82.7		
45	79.4	94.6	109	123	135	144	152	156	158	156	151	143	132	120	106	92.0	77.1		
50	73.4	89.8	106	120	133	144	152	157	159	157	151	142	131	118	103	87.1	71.0		
55	66.7	84.4	101	117	131	142	151	157	158	156	150	141	128	114	98.4	81.6	64.2		
60	59.5	78.2	96.2	113	128	140	149	155	156	154	148	138	125	110	93.1	75.4	57.0		
65	51.8	71.5	90.4	108	123	136	146	152	153	151	144	134	120	105	87.2	68.6	49.3		
70	43.8	64.2	83.8	102	118	131	141	147	149	147	140	129	115	98.8	80.7	61.3	41.3		
75	35.4	56.4	76.6	95.3	112	125	136	142	144	141	134	123	109	92.2	73.5	53.5	33.0		
80	27.0	48.2	68.9	88.0	105	119	129	135	137	135	128	116	102	84.9	65.8	45.4	24.7		
85	18.9	39.9	60.7	80.0	96.9	111	121	128	130	127	120	109	94.2	77.0	57.7	37.2	16.8		
90	11.7	31.6	52.3	71.6	88.5	103	113	119	121	119	112	101	85.8	68.7	49.5	29.3	10.1		
95	6.55	24.1	44.0	62.9	79.6	93.5	104	110	112	110	103	91.6	77.1	60.2	41.4	22.2	5.76		
100	3.87	18.0	36.2	54.3	70.5	84.0	94.0	100	102	99.8	93.0	82.2	68.2	51.9	34.0	16.5	3.54		
105	2.57	13.3	29.2	46.0	61.4	74.3	83.9	90.0	91.7	89.5	83.0	72.7	59.3	43.9	27.4	12.3	2.43		
110	1.87	9.97	23.3	38.3	52.5	64.6	73.7	79.4	81.0	79.0	72.9	63.2	50.7	36.5	21.9	9.30	1.80		
115	1.33	7.57	18.4	31.4	44.1	55.2	63.5	68.8	70.4	68.5	62.9	54.0	42.6	30.0	17.3	7.10	1.29		
120	1.03	5.80	14.4	25.3	36.3	46.2	53.7	58.5	60.0	58.3	53.2	45.2	35.1	24.2	13.7	5.46	1.02		
125	0.82	4.46	11.2	20.1	29.4	37.8	44.4	48.7	50.0	48.5	44.0	37.1	28.4	19.2	10.6	4.21	0.76		
130	0.60	3.10	8.67	15.7	23.2	30.3	35.9	39.5	40.6	39.4	35.6	29.7	22.5	15.0	8.19	3.04	0.65		
135	0.56	2.11	6.09	12.0	17.9	23.7	28.2	31.2	32.1	31.1	28.0	23.2	17.4	11.5	5.73	2.04	0.63		
140	0.56	1.44	3.84	8.56	13.4	17.9	21.4	23.8	24.6	23.8	21.3	17.6	13.0	8.04	3.70	1.39	0.65		
145	0.60	1.04	2.71	5.74	9.29	13.0	15.6	17.4	18.0	17.4	15.5	12.8	8.87	5.37	2.35	0.98	0.71		
150	0.65	0.74	1.67	3.47	5.87	8.49	10.4	11.9	12.4	11.9	10.4	8.24	5.66	3.25	1.57	0.81	0.75		
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:13 December 2022

γ Range: 0 - 150DEG

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: