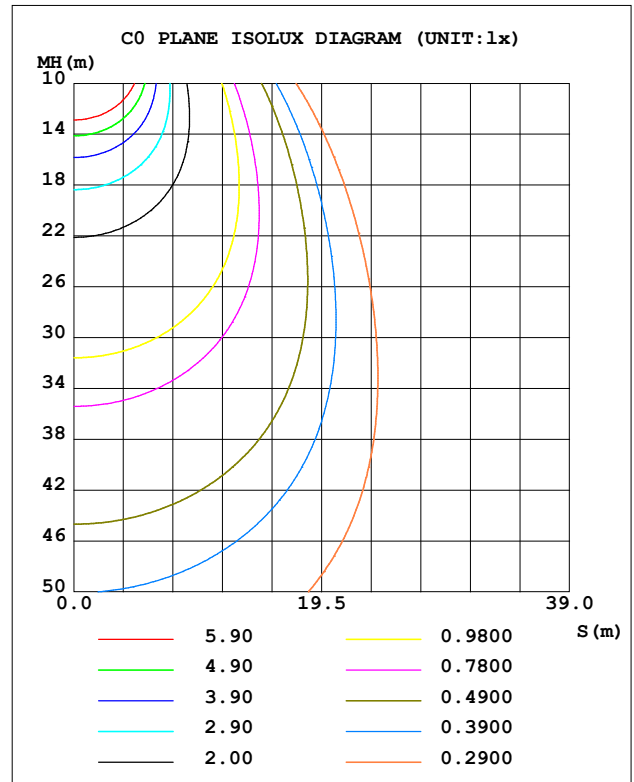
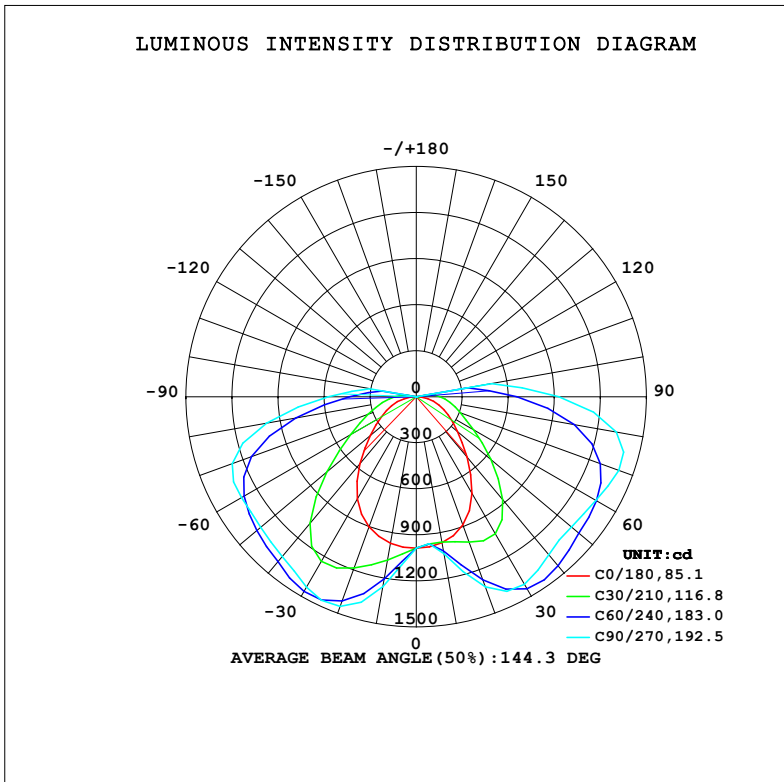


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: 92TL206750W/BL	TYPE: 92TL206750W/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	92TL206750W/BL	I _{max} (cd)	1479	S/MH (C0/180)	1.17
NOMINAL POWER (W)	50	LOR (%)	93.1	S/MH (C90/270)	1.95
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	5676.8	η UP, DN (C0-180)	3.4, 44.2
NOMINAL FLUX (lm)	6100	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.2, 43.3
LAMPS INSIDE	1	η up (%)	5.6	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	87.4	CIBSE SHR MAX	1.35



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

γ Range: 0 - 100DEG
γ Interval: 5.0DEG
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	965.8	988.5	1037	963.1	969.1	1147	1255	1160	0- 10	97.83	97.83	1.72,1.6
20	889.2	1156	1318	1096	901.8	1332	1454	1349	10- 20	320.9	418.7	7.38,6.86
30	727.9	1308	1410	1242	768.5	1419	1433	1412	20- 30	561.0	979.8	17.3,16.1
40	515.7	1256	1344	1228	571.0	1344	1359	1300	30- 40	731.7	1711	30.1,28.1
50	349.8	1077	1320	1076	390.2	1150	1322	1090	40- 50	799.2	2511	44.2,41.2
60	241.3	882.8	1351	904.0	264.4	919.1	1316	848.8	50- 60	810.8	3321	58.5,54.4
70	158.8	690.5	1404	736.4	171.6	669.0	1277	603.4	60- 70	792.5	4114	72.5,67.4
80	76.56	497.0	1324	547.8	84.54	436.2	989.2	390.1	70- 80	706.8	4821	84.9,79
90	1.964	322.7	930.5	356.0	2.183	259.0	573.8	233.4	80- 90	512.2	5333	93.9,87.4
100	2.667	192.8	500.3	208.2	2.272	143.7	309.6	130.1	90-100	293.2	5626	99.1,92.2
110	0	0	0	0	0	0	0	0	100-110	50.69	5677	100,93.1
120	0	0	0	0	0	0	0	0	110-120	0	5677	100,93.1
130	0	0	0	0	0	0	0	0	120-130	0	5677	100,93.1
140	0	0	0	0	0	0	0	0	130-140	0	5677	100,93.1
150	0	0	0	0	0	0	0	0	140-150	0	5677	100,93.1
160	0	0	0	0	0	0	0	0	150-160	0	5677	100,93.1
170	0	0	0	0	0	0	0	0	160-170	0	5677	100,93.1
180	0	0	0	0	0	0	0	0	170-180	0	5677	100,93.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2107.4 lm

%lum = 37.1%

%lamp = 34.5%

Conical surface Flux(130deg): 3722.5 lm

%lum = 65.6%

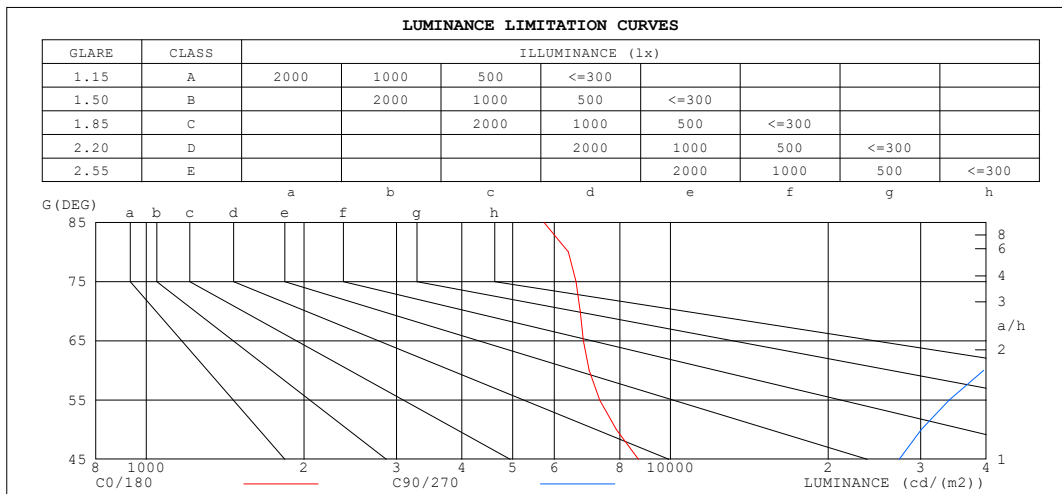
%lamp = 61.0%

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

γ Range: 0 - 100DEG
 γ Interval: 5.0DEG
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: 92TL206750W/BL	TYPE: 92TL206750W/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	5739	195037
80	6387	111677
75	6607	79133
70	6727	60113
65	6823	47757
60	6990	39572
55	7332	33999
50	7883	30077
45	8687	27291

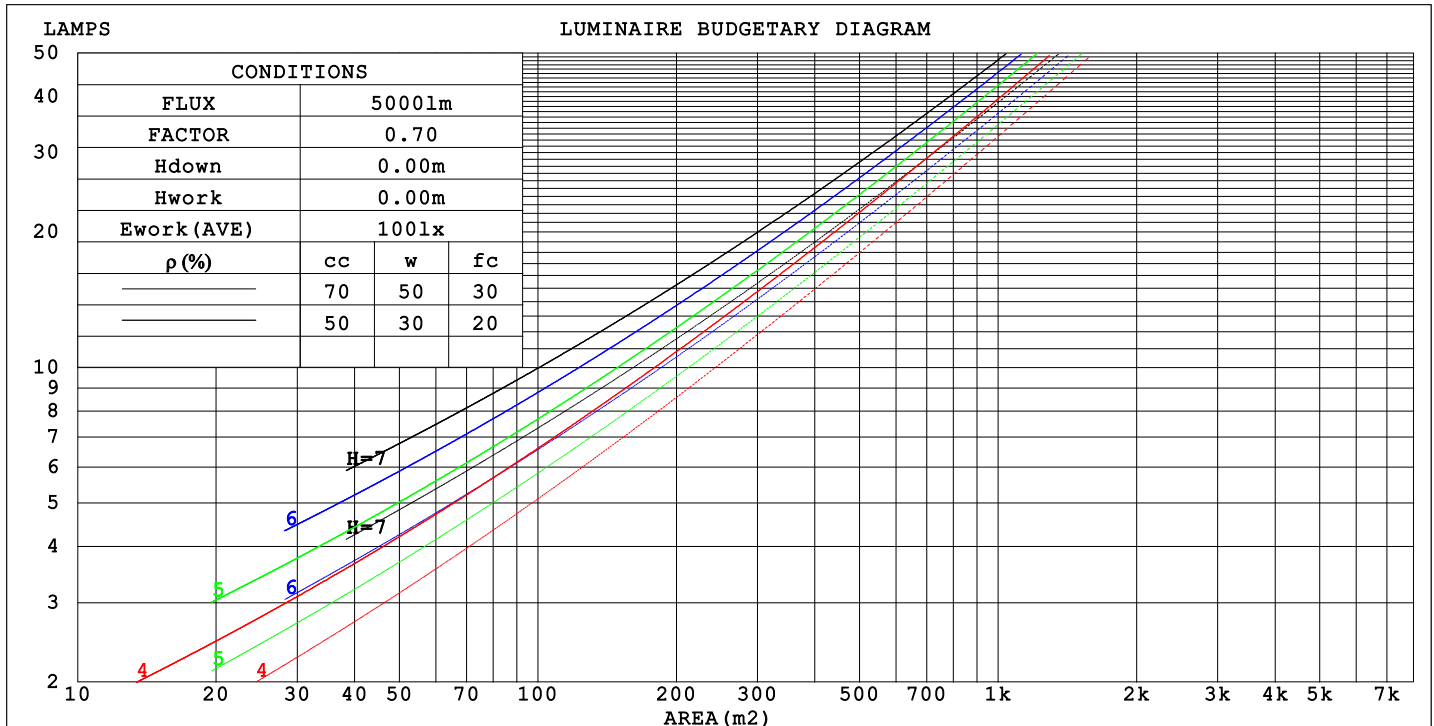
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators:
 Test Date: 09 August 2022

γ Range: 0 - 100DEG
 γ Interval: 5.0DEG
 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: 92TL206750W/BL	TYPE: 92TL206750W/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: HIGH
Temperature:25.3°C
Operators:
Test Date:09 August 2022

γ Range: 0 - 100DEG
γ Interval: 5.0DEG
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: 92TL206750W/BL	TYPE: 92TL206750W/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: regtangular	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	.223	.070	.383	.218	.069	.367	.210	.067	.352	.203	.065	.338	.196	.063	
2.0	.335	.184	.056	.328	.181	.056	.313	.174	.054	.300	.168	.053	.288	.163	.051	
3.0	.296	.157	.047	.289	.155	.047	.276	.149	.045	.264	.145	.044	.253	.140	.043	
4.0	.264	.137	.040	.258	.135	.040	.247	.131	.039	.236	.127	.038	.226	.123	.037	
5.0	.239	.122	.035	.234	.120	.035	.223	.116	.034	.213	.113	.034	.204	.109	.033	
6.0	.218	.109	.031	.213	.108	.031	.204	.104	.030	.195	.101	.030	.187	.098	.029	
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.180	.092	.027	.172	.089	.026	
8.0	.185	.091	.025	.181	.089	.025	.174	.087	.025	.167	.084	.024	.160	.082	.024	
9.0	.172	.083	.023	.169	.082	.023	.162	.080	.023	.155	.078	.022	.149	.076	.022	
10.0	.161	.077	.021	.158	.076	.021	.151	.074	.021	.145	.072	.021	.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	.220	.220	.220	.188	.188	.188	.128	.128	.128	.074	.074	.074	.024	.024	.024	
1.0	.218	.188	.160	.187	.161	.138	.128	.111	.095	.074	.064	.055	.024	.021	.018	
2.0	.212	.166	.127	.182	.143	.110	.125	.099	.077	.072	.058	.045	.023	.019	.015	
3.0	.205	.150	.107	.176	.130	.093	.121	.090	.065	.070	.053	.038	.022	.017	.013	
4.0	.198	.139	.093	.170	.120	.081	.117	.084	.057	.068	.049	.034	.022	.016	.011	
5.0	.191	.129	.084	.164	.112	.073	.113	.078	.052	.065	.046	.031	.021	.015	.010	
6.0	.183	.122	.078	.157	.106	.068	.109	.074	.048	.063	.043	.029	.020	.014	.009	
7.0	.176	.116	.073	.152	.100	.064	.105	.070	.045	.061	.041	.027	.020	.014	.009	
8.0	.170	.110	.070	.146	.096	.061	.101	.067	.043	.059	.040	.026	.019	.013	.008	
9.0	.164	.106	.067	.141	.092	.058	.098	.065	.041	.057	.038	.025	.018	.013	.008	
10.0	.158	.102	.065	.136	.088	.056	.094	.062	.040	.055	.037	.024	.018	.012	.008	

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

γ Range: 0 - 100DEG
γ Interval: 5.0DEG
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: 92TL206750W/BL						TYPE: 92TL206750W/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	12.2	13.8	12.5	14.1	14.4	20.2	21.8	20.6	22.2	22.5
	3H	12.9	14.4	13.3	14.8	15.2	23.8	25.3	24.1	25.6	26.0
	4H	13.3	14.7	13.7	15.1	15.5	25.7	27.1	26.1	27.5	27.9
	6H	13.6	14.9	14.0	15.3	15.8	27.6	29.0	28.1	29.4	29.8
	8H	13.7	15.0	14.1	15.4	15.8	28.6	30.0	29.1	30.4	30.8
	12H	13.8	15.0	14.2	15.5	15.9	29.7	30.9	30.1	31.4	31.8
4H	2H	15.5	16.9	15.9	17.3	17.7	20.6	22.0	21.0	22.4	22.8
	3H	16.2	17.5	16.7	17.9	18.4	24.5	25.8	25.0	26.2	26.7
	4H	16.5	17.7	17.0	18.2	18.6	26.7	27.9	27.2	28.3	28.8
	6H	16.8	17.9	17.3	18.4	18.9	29.0	30.0	29.5	30.5	31.0
	8H	17.0	18.0	17.5	18.4	19.0	30.1	31.1	30.6	31.6	32.1
	12H	17.0	18.0	17.6	18.5	19.0	31.3	32.2	31.8	32.7	33.3
8H	4H	19.5	20.5	20.0	21.0	21.5	26.8	27.8	27.3	28.3	28.8
	6H	19.9	20.8	20.5	21.3	21.9	29.4	30.3	30.0	30.8	31.4
	8H	20.1	20.9	20.7	21.4	22.0	30.9	31.6	31.4	32.2	32.8
	12H	20.3	21.0	20.9	21.5	22.1	32.4	33.0	32.9	33.6	34.2
12H	4H	20.7	21.6	21.2	22.1	22.7	26.8	27.7	27.3	28.2	28.8
	6H	21.4	22.1	21.9	22.7	23.3	29.5	30.2	30.0	30.8	31.3
	8H	21.7	22.3	22.2	22.9	23.5	31.0	31.6	31.5	32.2	32.8
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H		+ 0.2 / - 0.2					+ 0.3 / - 0.3				
2.0H		+ 0.3 / - 0.4					+ 0.4 / - 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: HIGH
Temperature:25.3°C
Operators:
Test Date:09 August 2022

γ Range: 0 - 100DEG
γ Interval: 5.0DEG
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: 92TL206750W/BL	TYPE: 92TL206750W/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: regtangular	Shielding Angle:

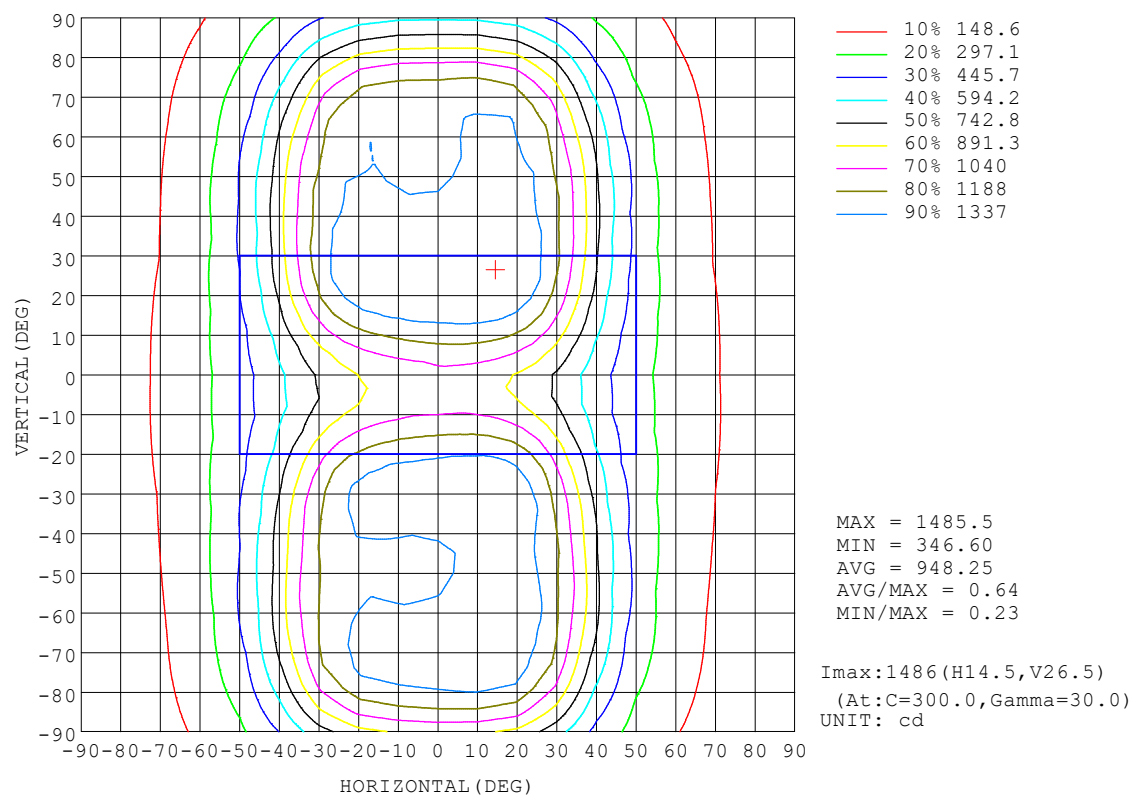
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	46	34	27	45	34	27	44	33	27	20
0.80	54	42	34	53	42	34	51	41	34	26
1.00	62	49	41	60	49	41	58	50	40	33
1.25	68	56	48	66	55	47	63	54	47	39
1.50	73	61	53	71	60	52	68	58	51	43
2.00	80	69	61	78	68	60	74	65	59	50
2.50	84	74	67	82	73	66	77	70	64	54
3.00	88	79	71	85	77	70	80	74	68	58
4.00	92	84	78	89	82	77	84	79	74	63
5.00	95	88	83	92	86	81	87	82	78	67
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: 09 August 2022

γ Range: 0 - 100DEG
γ Interval: 5.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 6.265m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: 92TL206750W/BL	TYPE: 92TL206750W/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	Shielding Angle:

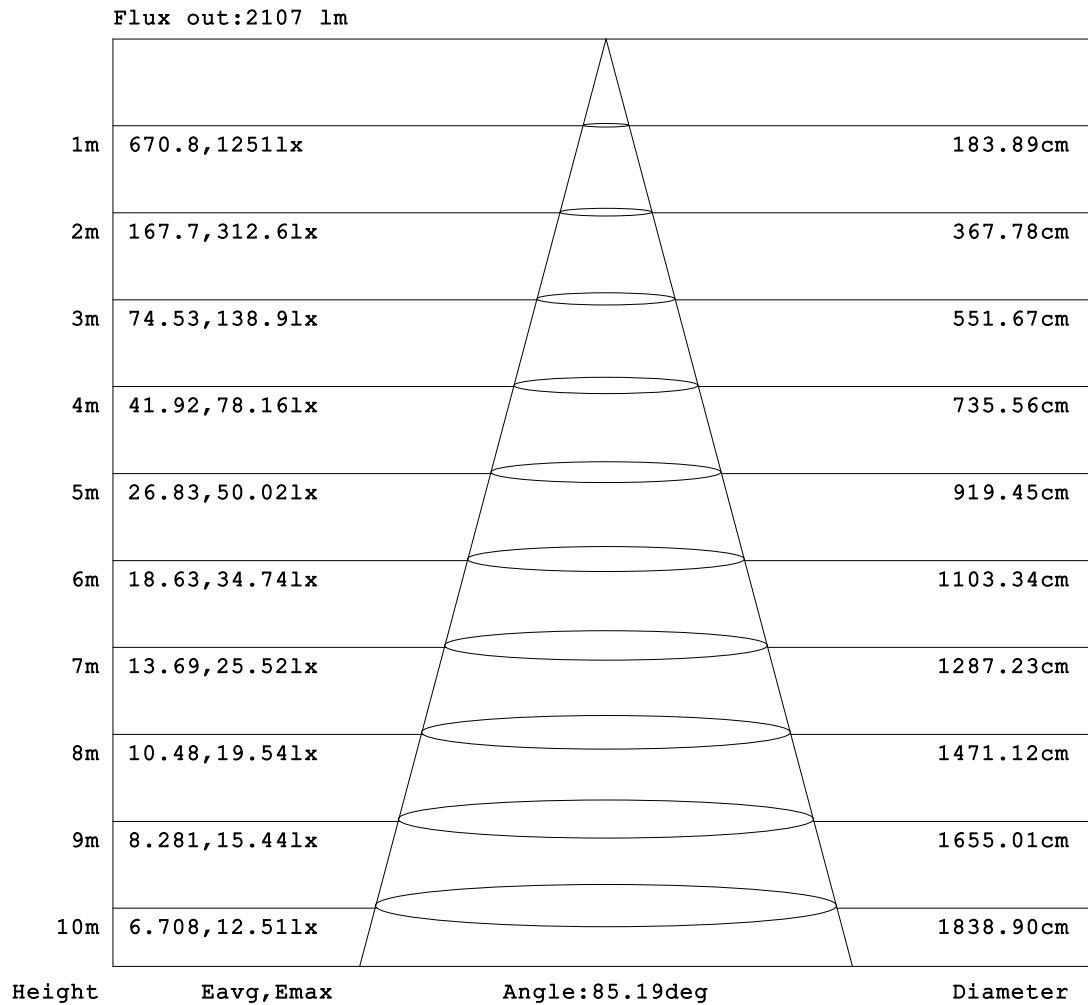


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:09 August 2022

γ Range: 0 - 100DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
 Humidity:65.0%
 Test Distance:6.265m [K=1.0000]
 Remarks:

AAI Figure

NAME: 92TL206750W/BL	TYPE: 92TL206750W/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: regtangular	Shielding Angle:



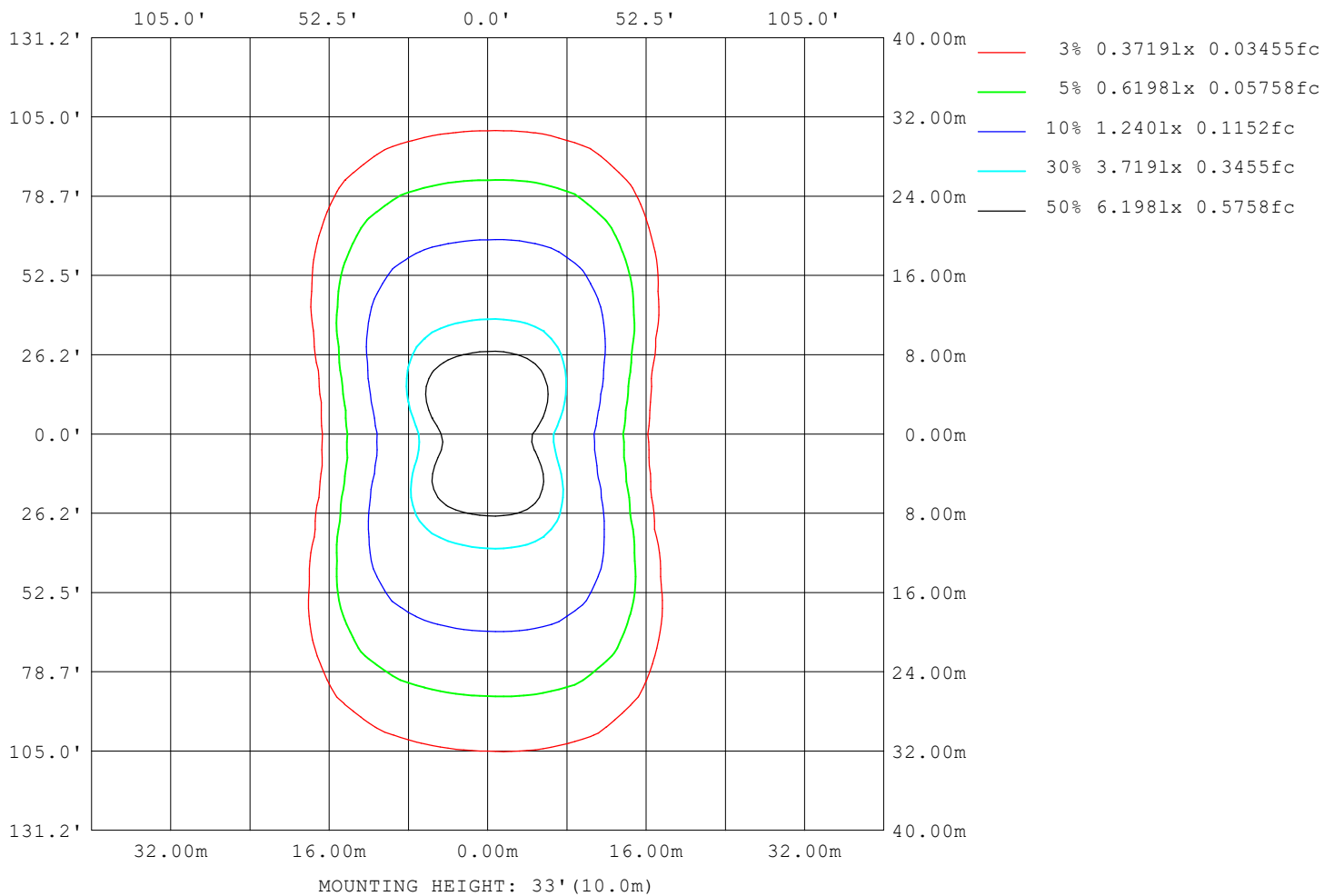
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

γ Range: 0 - 100DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
 Humidity:65.0%
 Test Distance:6.265m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: 92TL206750W/BL	TYPE: 92TL206750W/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: HIGH
Temperature: 25.3°C
Operators:
Test Date: 09 August 2022

γ Range: 0 - 100DEG
γ Interval: 5.0DEG
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: 92TL206750W/BL	TYPE: 92TL206750W/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: regtangular	Shielding Angle:

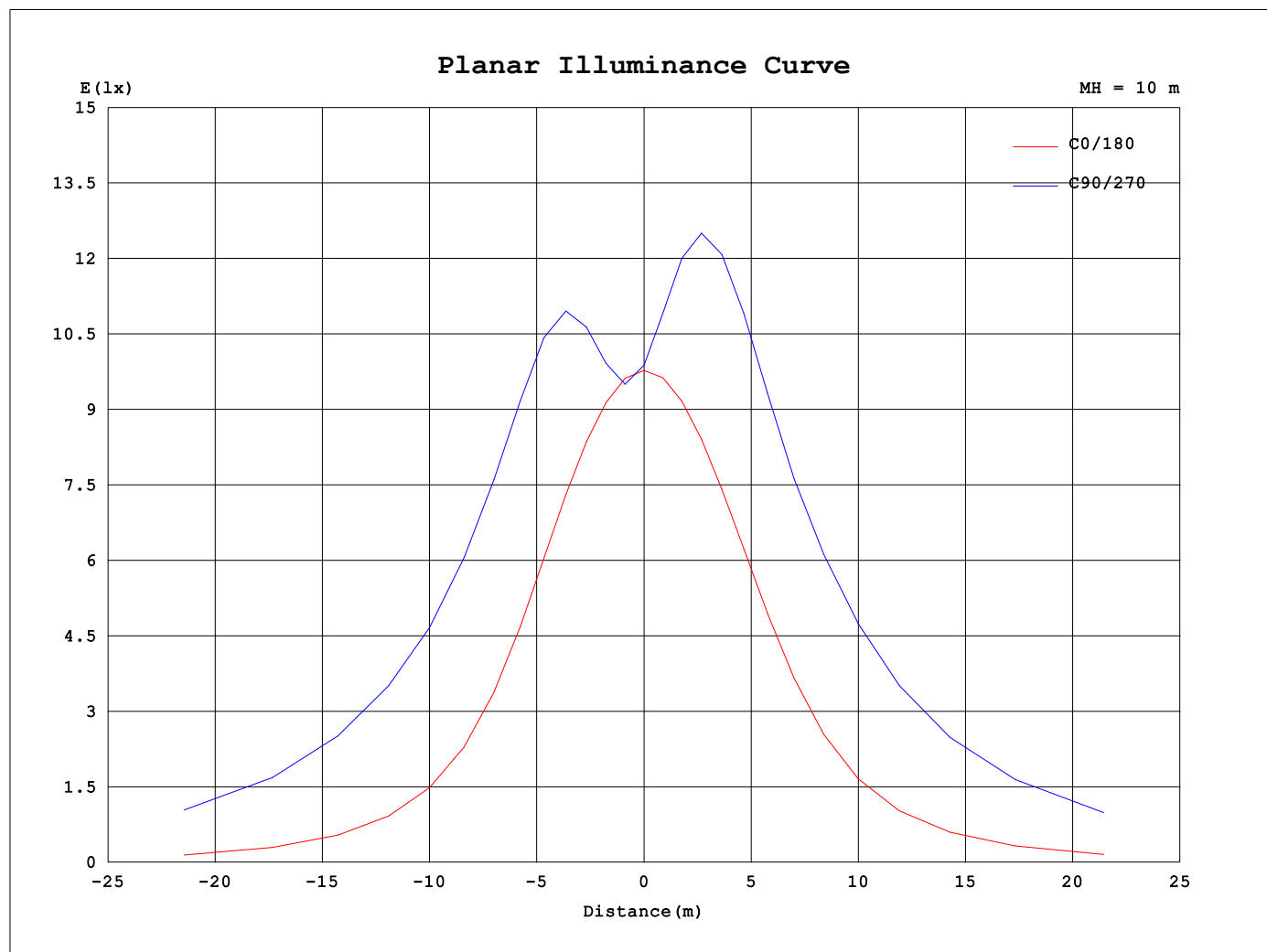
AvgL	cd/m2
L_0~180 (65) av	7177
L_0~180 (75) av	6950
L_0~180 (85) av	6365
L_90~270 (65) av	46551
L_90~270 (75) av	72560
L_90~270 (85) av	162086
L_45 (65) av	26884
L_45 (75) av	31409
L_45 (85) av	61134

Standard: GB/T 29293-2012

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

γ Range: 0 - 100DEG
γ Interval: 5.0DEG
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: 09 August 2022

γ Range: 0 - 100DEG
 γ Interval: 5.0DEG
 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: 92TL206750W/BL	TYPE: 92TL206750W/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	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987
5	982	973	967	963	963	962	963	962	963	960	960	956	954	951	952	954	960	970	983
10	966	951	949	961	979	998	1018	1030	1039	1037	1032	1015	996	972	954	939	936	945	969
15	936	920	936	978	1033	1085	1133	1162	1181	1179	1169	1137	1097	1043	991	943	913	911	942
20	889	877	922	1008	1112	1201	1270	1305	1323	1318	1306	1271	1219	1141	1052	960	893	868	902
25	820	817	896	1035	1190	1311	1383	1407	1410	1398	1388	1364	1321	1238	1122	983	868	814	845
30	728	736	844	1032	1235	1381	1446	1447	1429	1410	1403	1396	1377	1308	1175	993	829	744	769
35	621	638	760	977	1221	1395	1456	1439	1406	1381	1376	1382	1384	1332	1187	967	766	659	674
40	516	537	654	876	1150	1361	1436	1414	1373	1344	1340	1350	1361	1312	1144	895	679	566	571
45	424	446	548	754	1045	1301	1409	1392	1348	1317	1311	1321	1330	1262	1059	791	582	476	474
50	350	370	454	635	925	1228	1383	1390	1351	1320	1311	1312	1303	1200	953	678	488	396	390
55	290	308	375	526	804	1151	1373	1404	1365	1331	1321	1322	1297	1135	840	571	406	329	321
60	241	257	310	433	693	1072	1356	1422	1387	1351	1341	1340	1292	1074	734	475	336	272	264
65	199	213	254	358	596	980	1327	1442	1416	1378	1369	1365	1284	1002	642	393	274	223	216
70	159	171	204	307	508	873	1276	1452	1440	1404	1395	1384	1259	916	557	337	220	178	172
75	118	130	173	264	429	756	1186	1419	1429	1398	1388	1365	1195	813	476	289	182	135	128
80	76.6	90.1	148	225	359	635	1046	1309	1343	1324	1309	1268	1071	695	400	244	154	92.0	84.5
85	34.5	68.5	124	189	297	515	861	1110	1165	1161	1140	1083	889	569	330	204	128	67.3	41.4
90	1.96	47.3	98.8	156	241	404	657	857	922	930	907	843	683	445	267	167	102	46.5	2.18
95	2.25	25.8	74.0	124	193	309	476	616	678	692	672	614	497	337	211	132	76.1	25.6	1.94
100	2.67	5.87	50.2	96.0	152	234	342	434	486	500	486	438	357	252	164	102	52.0	6.15	2.27
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:09 August 2022

γ Range: 0 - 100DEG
γ Interval: 5.0DEG
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: 92TL206750W/BL	TYPE: 92TL206750W/BL	WEIGHT: 1
SPEC.:	DIM.: 4 x 0.285 x 0.06	SERIAL No.: 0
MFR.: Elmark Industries JSC	SUR.: rectangular	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	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987		
5	996	1011	1028	1046	1063	1078	1090	1098	1102	1099	1094	1084	1070	1054	1036	1017	999		
10	997	1035	1079	1125	1169	1204	1231	1247	1255	1250	1237	1214	1181	1139	1093	1046	1002		
15	988	1056	1134	1212	1278	1328	1360	1378	1385	1382	1367	1339	1294	1230	1154	1071	995		
20	967	1071	1188	1294	1371	1417	1440	1451	1454	1455	1448	1429	1385	1312	1207	1086	973		
25	930	1073	1230	1357	1431	1460	1464	1464	1463	1470	1475	1473	1441	1364	1235	1076	925		
30	866	1044	1238	1385	1453	1464	1449	1437	1433	1446	1464	1479	1455	1370	1213	1020	842		
35	771	964	1189	1366	1440	1440	1410	1392	1387	1405	1431	1456	1430	1322	1128	909	726		
40	654	838	1077	1293	1395	1403	1378	1362	1359	1379	1406	1423	1374	1226	992	765	599		
45	535	691	923	1175	1333	1379	1358	1340	1338	1361	1391	1398	1303	1096	833	617	483		
50	433	553	760	1035	1265	1355	1344	1325	1322	1348	1380	1369	1224	956	678	490	389		
55	350	438	610	897	1181	1329	1338	1318	1315	1342	1372	1330	1126	819	540	388	315		
60	282	348	496	761	1077	1296	1339	1320	1316	1345	1365	1278	1011	686	438	308	256		
65	226	275	406	633	954	1240	1331	1320	1313	1343	1347	1204	882	566	359	245	207		
70	176	226	334	520	817	1143	1280	1283	1277	1303	1287	1095	745	461	297	204	162		
75	131	187	275	422	673	991	1155	1175	1171	1191	1155	942	608	374	245	171	121		
80	96.4	154	224	339	534	797	953	990	989	999	948	755	480	300	201	141	89.9		
85	70.3	122	180	268	410	602	726	769	772	771	718	569	370	238	162	112	65.3		
90	44.4	91.7	141	209	309	437	527	569	574	567	517	413	280	187	127	83.5	40.4		
95	19.2	62.4	106	160	230	315	379	415	421	411	370	297	209	143	95.4	55.9	16.1		
100	2.66	34.9	74.4	118	169	227	274	303	310	299	266	214	154	106	66.3	29.7	2.61		
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:09 August 2022

γ Range: 0 - 100DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:6.265m [K=1.0000]
Remarks: