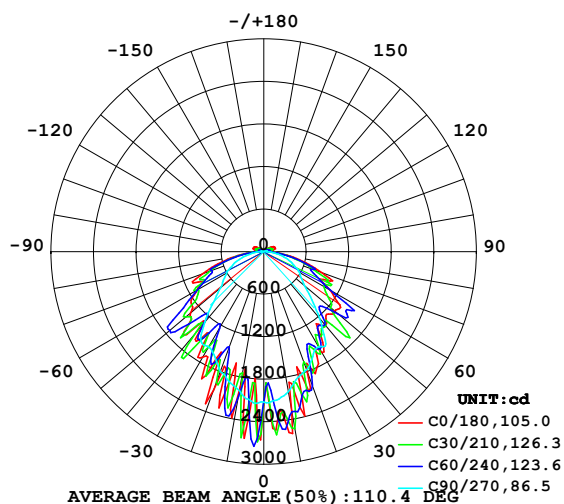


LUMINAIRE PHOTOMETRIC TEST REPORT

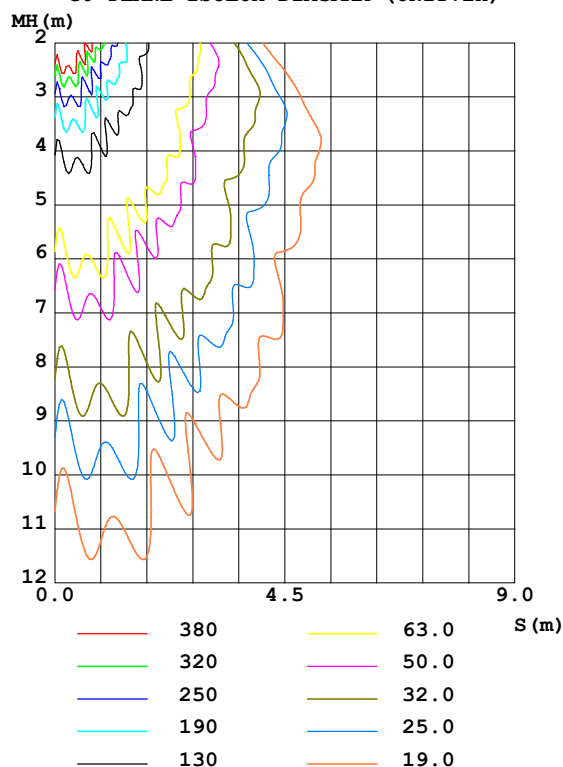
NAME: TYP 591 31 01	TYPE:	WEIGHT:
SPEC.:	DIM.: 1320x180x150mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 91.25 lm/W			
MODEL		I _{max} (cd)	2748	S/MH (C0/180)	1.24
NOMINAL POWER (W)	71.3502	LOR (%)	100.0	S/MH (C90/270)	1.09
RATED VOLTAGE (V)	230.247	TOTAL FLUX (lm)	6510.6	η UP, DN (C0-180)	2.8, 46.8
NOMINAL FLUX (lm)	6510.64	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.8, 47.6
LAMPS INSIDE	1	η up (%)	5.6	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230.247	η down (%)	94.4	CIBSE SHR MAX	1.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Go
Test Date: 30 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 43%
Test Distance: 7.710m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

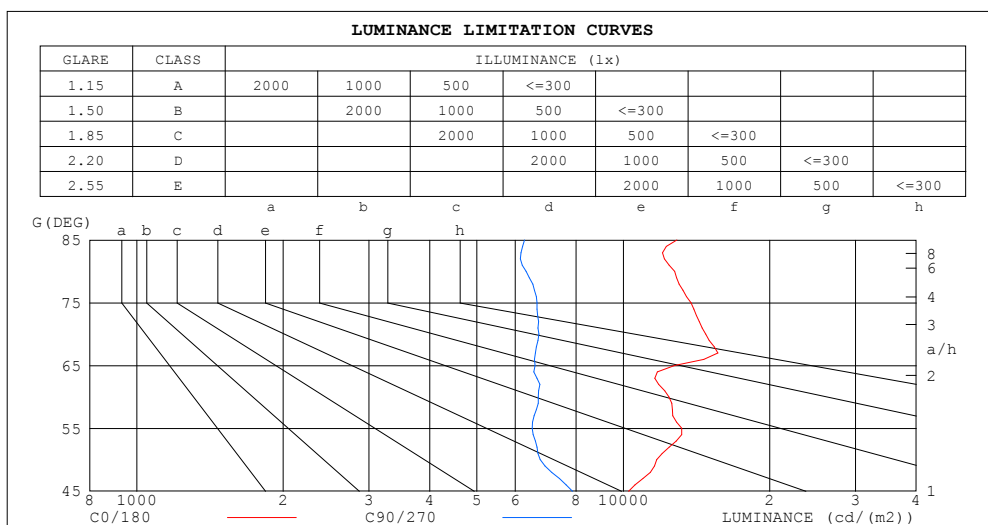
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2276	2363	2002	2304	1970	2361	1991	2324	0- 10	215.4	215.4	3.31,3.31
20	1791	1964	1774	1563	2080	1581	1800	1971	10- 20	560.5	775.9	11.9,11.9
30	1642	1518	1554	1579	1716	1555	1554	1448	20- 30	768.2	1544	23.7,23.7
40	1355	1279	1227	1576	1305	1573	1298	1246	30- 40	907.7	2452	37.7,37.7
50	1303	1676	750.1	1261	1349	1243	796.5	1583	40- 50	1049	3500	53.8,53.8
60	1074	973.5	578.5	1081	1093	1123	605.3	1011	50- 60	1019	4519	69.4,69.4
70	874.1	871.5	396.8	844.4	919.3	869.3	414.9	849.1	60- 70	857.3	5376	82.6,82.6
80	383.1	344.0	189.7	367.4	425.3	380.4	191.5	341.3	70- 80	567.2	5944	91.3,91.3
90	101.7	90.34	38.25	92.36	100.5	96.77	41.19	94.95	80- 90	203.7	6147	94.4,94.4
100	128.9	91.56	39.34	88.39	122.5	88.81	38.81	91.31	90-100	85.08	6232	95.7,95.7
110	162.7	92.35	34.38	86.43	156.5	90.07	33.61	91.56	100-110	98.12	6331	97.2,97.2
120	141.5	80.04	26.16	72.49	140.4	78.48	25.83	81.47	110-120	81.06	6412	98.5,98.5
130	57.83	40.57	17.49	39.87	58.85	40.03	17.28	36.00	120-130	50.69	6462	99.3,99.3
140	28.74	20.36	16.54	19.47	27.65	19.43	16.70	20.11	130-140	21.06	6483	99.6,99.6
150	22.65	17.94	16.86	16.05	21.24	15.78	16.74	17.70	140-150	12.34	6496	99.8,99.8
160	18.01	18.44	16.96	16.87	17.52	16.57	16.78	18.34	150-160	8.157	6504	99.9,99.9
170	19.01	18.43	17.59	17.47	18.39	17.41	17.53	18.36	160-170	5.027	6509	100,100
180	18.79	18.21	17.99	18.14	18.78	18.20	18.01	18.17	170-180	1.727	6511	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:Go
Test Date:30 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:43%
Test Distance:7.710m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: TYP 591 31 01	TYPE:	WEIGHT:
SPEC.:	DIM.: 1320x180x150mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	12895	6270
80	12753	6316
75	13783	6643
70	14772	6706
65	12749	6587
60	12414	6688
55	13195	6501
50	11721	6745
45	10253	7864

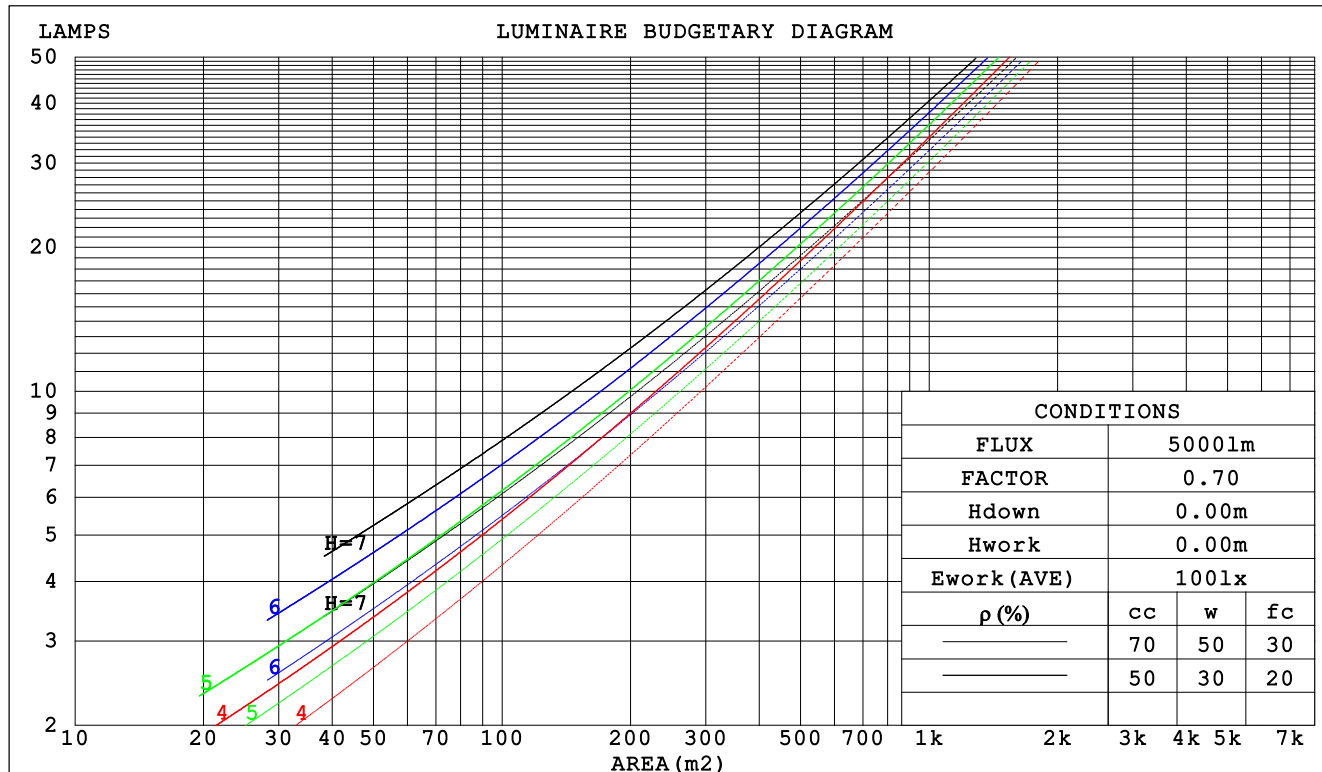
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Go
Test Date: 30 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 43%
Test Distance: 7.710m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TYP 591 31 01	TYPE:	WEIGHT:
SPEC.:	DIM.: 1320x180x150mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	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	Coefficients of Utilization(CU)															
	RCR:Room Cavity Ratio															
0.0	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.97	.97	.97	.94
1.0	1.01	.97	.92	.98	.94	.90	.93	.90	.86	.88	.85	.83	.84	.81	.79	.77
2.0	.87	.80	.74	.85	.78	.73	.80	.75	.70	.76	.72	.68	.72	.69	.65	.63
3.0	.76	.68	.61	.74	.66	.60	.70	.64	.58	.67	.61	.56	.63	.59	.55	.52
4.0	.67	.58	.51	.65	.57	.50	.62	.55	.49	.59	.53	.48	.56	.51	.46	.44
5.0	.60	.50	.44	.58	.50	.43	.55	.48	.42	.53	.46	.41	.50	.45	.40	.38
6.0	.54	.44	.38	.52	.44	.37	.50	.42	.37	.48	.41	.36	.46	.40	.35	.33
7.0	.49	.40	.33	.48	.39	.33	.45	.38	.32	.43	.37	.32	.42	.36	.31	.29
8.0	.44	.36	.30	.43	.35	.29	.42	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.41	.32	.27	.40	.32	.26	.38	.31	.26	.37	.30	.26	.35	.29	.25	.23
10.0	.38	.30	.24	.37	.29	.24	.35	.28	.24	.34	.28	.23	.33	.27	.23	.21



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:Go
Test Date:30 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:43%
Test Distance:7.710m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: TYP 591 31 01	TYPE:	WEIGHT:
SPEC.:	DIM.: 1320x180x150mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	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	.336	.191	.060	.327	.186	.059	.310	.178	.057	.295	.170	.055	.281	.163	.053	
2.0	.309	.169	.052	.301	.166	.051	.286	.159	.049	.272	.153	.048	.260	.147	.046	
3.0	.282	.150	.045	.275	.147	.044	.262	.142	.043	.249	.137	.042	.238	.132	.041	
4.0	.258	.134	.039	.251	.132	.039	.240	.127	.038	.229	.123	.037	.218	.119	.036	
5.0	.237	.121	.035	.231	.119	.035	.220	.115	.034	.210	.111	.033	.201	.108	.032	
6.0	.218	.109	.031	.213	.108	.031	.204	.104	.030	.195	.101	.030	.186	.098	.029	
7.0	.202	.100	.028	.198	.098	.028	.189	.096	.028	.181	.093	.027	.173	.090	.026	
8.0	.188	.092	.026	.184	.091	.026	.176	.088	.025	.169	.086	.025	.162	.083	.024	
9.0	.176	.085	.024	.172	.084	.024	.165	.082	.023	.158	.079	.023	.152	.077	.022	
10.0	.165	.079	.022	.161	.078	.022	.155	.076	.021	.149	.074	.021	.143	.072	.021	

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	.233	.233	.233	.199	.199	.199	.136	.136	.136	.078	.078	.078	.025	.025	.025	
1.0	.225	.199	.175	.192	.171	.151	.132	.117	.104	.076	.068	.061	.024	.022	.020	
2.0	.218	.175	.139	.186	.151	.120	.128	.104	.084	.074	.061	.049	.024	.020	.016	
3.0	.210	.158	.116	.180	.136	.101	.124	.095	.071	.071	.055	.042	.023	.018	.014	
4.0	.203	.145	.101	.174	.125	.087	.120	.087	.062	.069	.051	.036	.022	.017	.012	
5.0	.195	.135	.090	.167	.116	.078	.115	.081	.055	.067	.048	.033	.022	.016	.011	
6.0	.188	.126	.082	.161	.109	.072	.111	.077	.051	.065	.045	.030	.021	.015	.010	
7.0	.181	.120	.077	.155	.104	.067	.107	.073	.047	.062	.043	.028	.020	.014	.009	
8.0	.174	.114	.072	.150	.099	.063	.104	.069	.045	.060	.041	.027	.020	.013	.009	
9.0	.168	.109	.069	.145	.095	.060	.100	.066	.043	.058	.039	.026	.019	.013	.008	
10.0	.162	.105	.066	.140	.091	.058	.097	.064	.041	.056	.038	.025	.018	.012	.008	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Go
Test Date: 30 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 43%
Test Distance: 7.710m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: TYP 591 31 01					TYPE:		WEIGHT:				
SPEC.:					DIM.: 1320x180x150mm		SERIAL No.:				
MFR.: Elektrosvit Svatoborice, a.s.					SUR.:		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	2H	21.2	22.7	21.6	23.0	23.3	20.5	21.9	20.8	22.3	22.6
	3H	23.5	24.9	23.9	25.2	25.6	21.9	23.2	22.2	23.6	23.9
	4H	24.4	25.7	24.8	26.0	26.4	22.5	23.8	22.9	24.1	24.5
	6H	25.0	26.3	25.4	26.6	27.0	22.9	24.1	23.3	24.5	24.9
	8H	25.2	26.4	25.7	26.8	27.2	23.0	24.2	23.4	24.6	25.0
	12H	25.4	26.6	25.8	27.0	27.4	23.1	24.2	23.5	24.6	25.0
4H	2H	22.1	23.4	22.5	23.8	24.2	21.5	22.8	21.9	23.2	23.6
	3H	24.5	25.6	24.9	26.0	26.4	23.3	24.4	23.7	24.8	25.3
	4H	25.4	26.5	25.9	26.9	27.3	24.1	25.2	24.6	25.6	26.0
	6H	26.1	27.1	26.6	27.5	28.0	24.6	25.6	25.1	26.0	26.5
	8H	26.4	27.3	26.9	27.8	28.3	24.8	25.7	25.3	26.1	26.6
	12H	26.7	27.5	27.2	27.9	28.5	24.9	25.7	25.4	26.2	26.7
8H	4H	25.7	26.6	26.2	27.0	27.6	24.6	25.5	25.1	26.0	26.5
	6H	26.6	27.3	27.1	27.8	28.4	25.4	26.1	25.9	26.6	27.1
	8H	27.0	27.6	27.5	28.1	28.7	25.6	26.3	26.2	26.8	27.4
	12H	27.3	27.9	27.9	28.4	29.0	25.9	26.4	26.4	27.0	27.6
12H	4H	25.7	26.5	26.2	27.0	27.5	24.7	25.5	25.2	25.9	26.5
	6H	26.7	27.3	27.2	27.8	28.4	25.5	26.1	26.0	26.7	27.2
	8H	27.1	27.6	27.6	28.2	28.8	25.8	26.4	26.4	26.9	27.5
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.3				
1.5H		+ 0.1 / - 0.1					+ 0.9 / - 0.5				
2.0H		+ 0.4 / - 0.3					+ 0.7 / - 0.9				

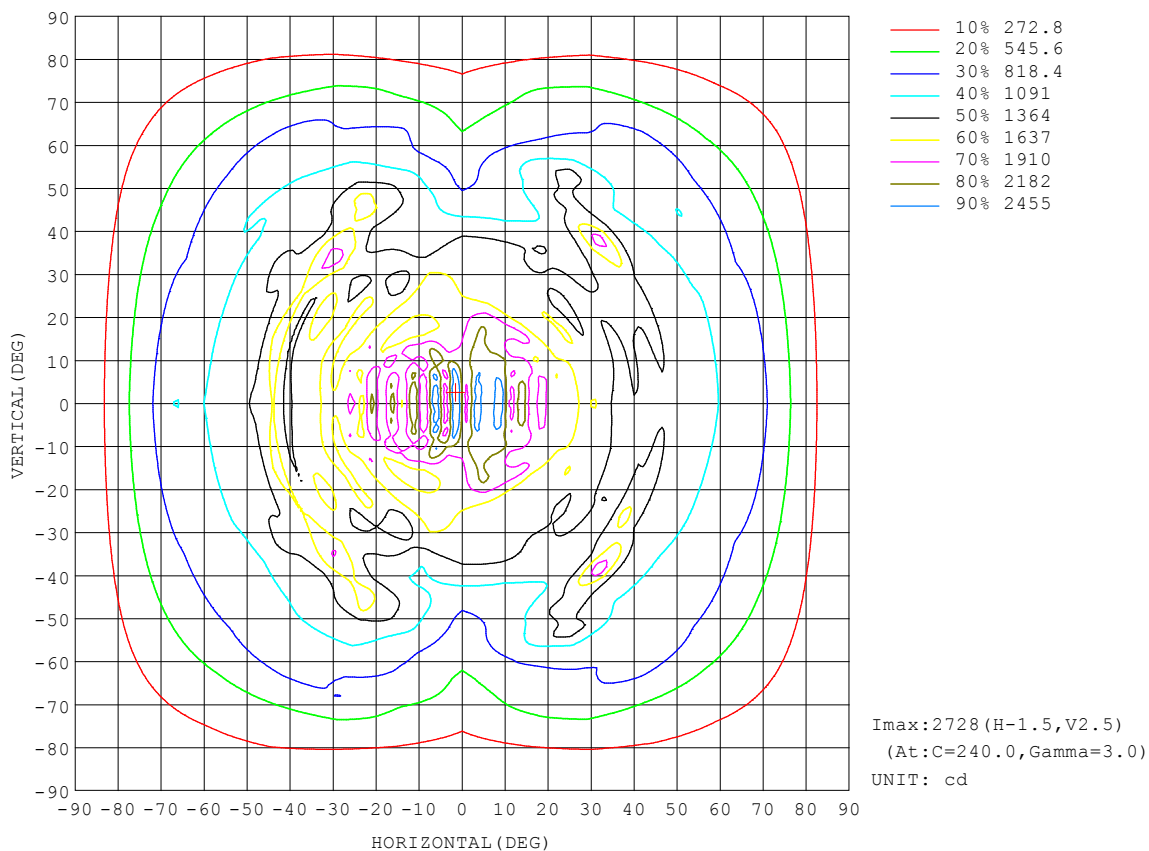
CIE Pub.117 Corrected 6511 lm Total Lamp Luminous Flux. (8log(F/F0) = 6.5)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Go
Test Date: 30 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 43%
Test Distance: 7.710m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: TYP 591 31 01	TYPE:	WEIGHT:
SPEC.:	DIM.: 1320x180x150mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

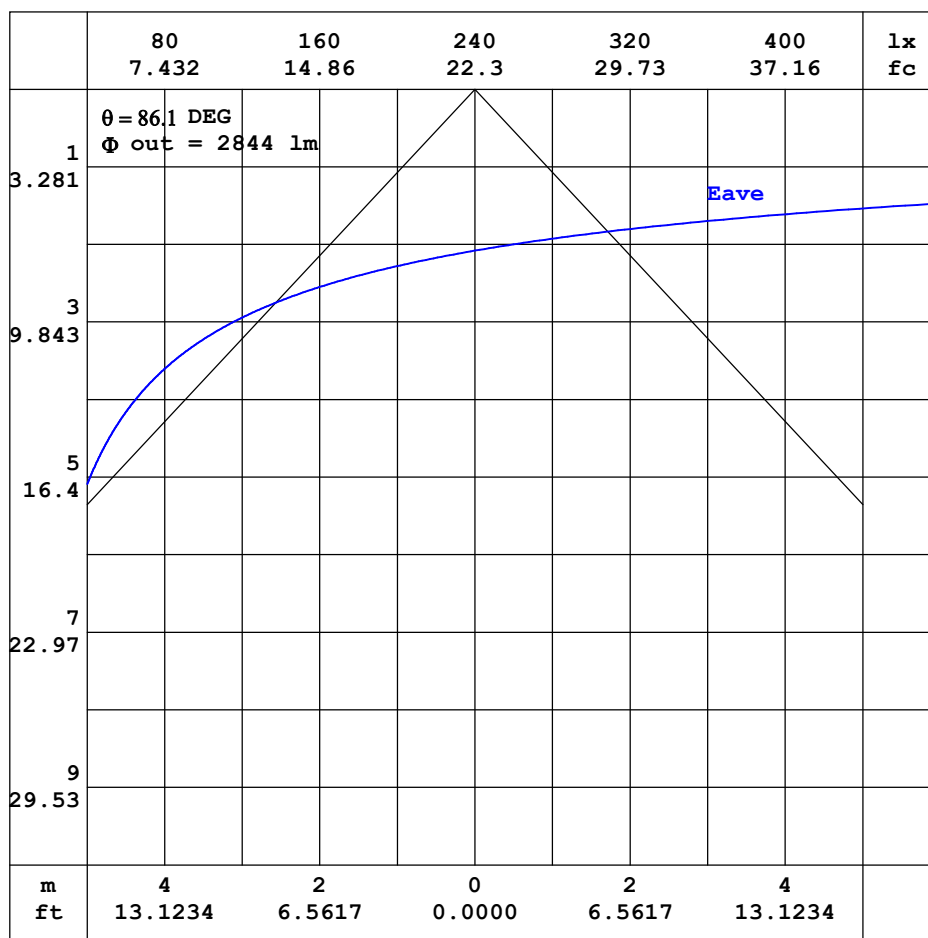


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Go
Test Date: 30 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 43%
Test Distance: 7.710m [K=1.0000]
Remarks:

AAI CURVES

NAME: TYP 591 31 01	TYPE:	WEIGHT:
SPEC.:	DIM.: 1320x180x150mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:



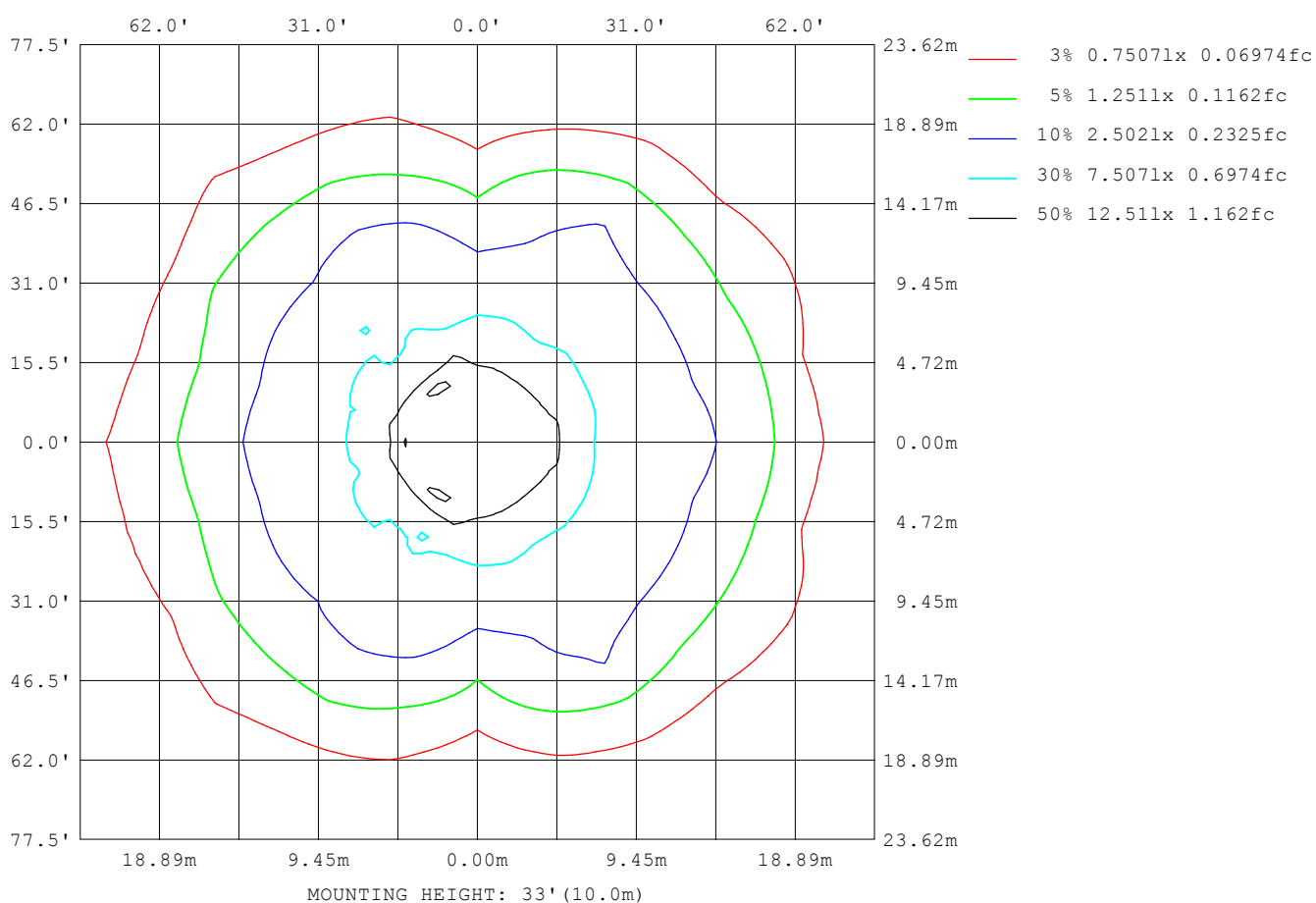
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24DEG
 Operators: Go
 Test Date: 30 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 43%
 Test Distance: 7.710m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: TYP 591 31 01	TYPE:	WEIGHT:
SPEC.:	DIM.: 1320x180x150mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Go
Test Date: 30 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 43%
Test Distance: 7.710m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: TYP 591 31 01	TYPE:	WEIGHT:
SPEC.:	DIM.: 1320x180x150mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

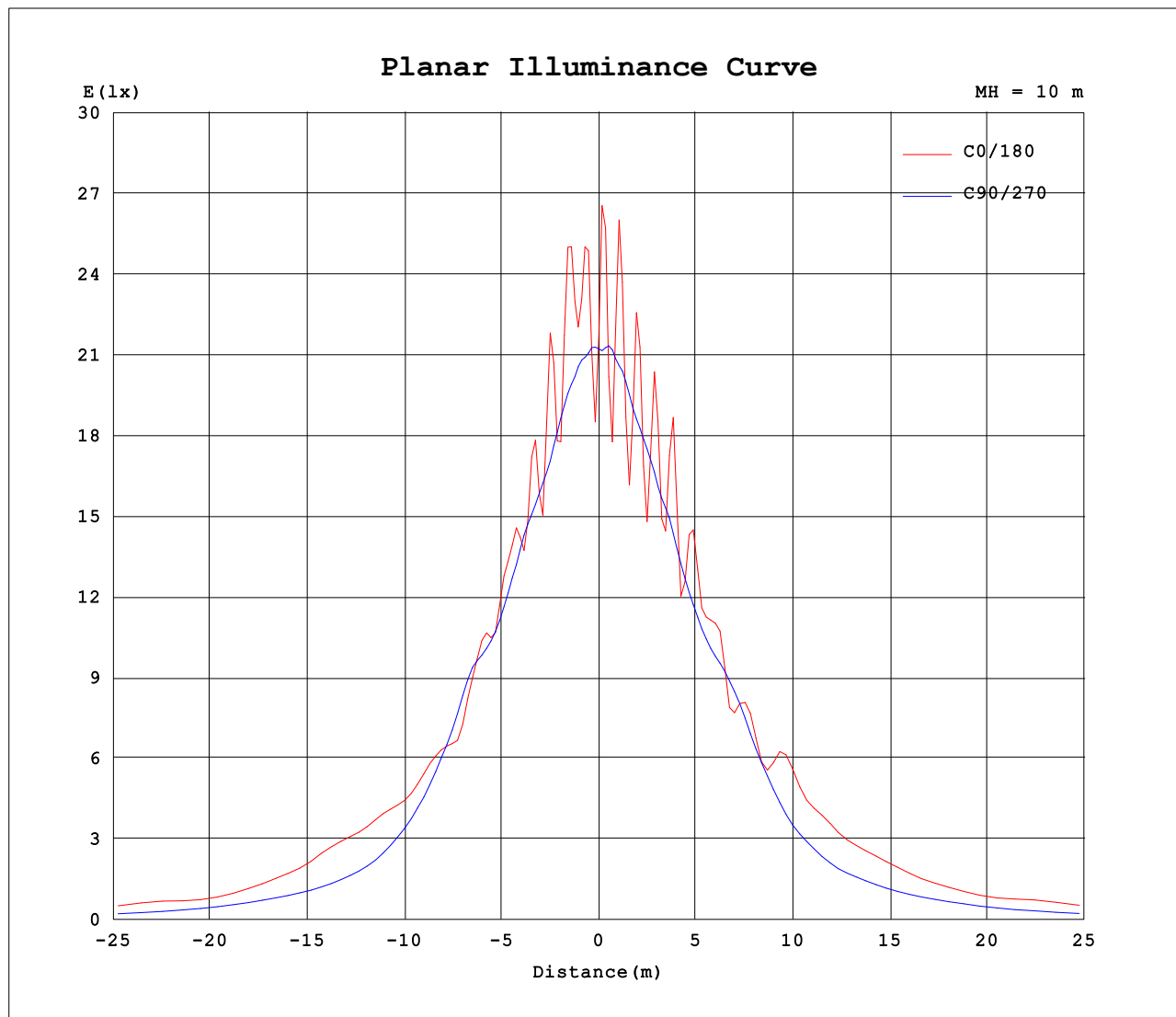
AvgL	cd/m2
L_0~180 (65) av	13367
L_0~180 (75) av	14370
L_0~180 (85) av	13554
L_90~270 (65) av	6756
L_90~270 (75) av	6743
L_90~270 (85) av	6350
L_45 (65) av	13144
L_45 (75) av	12685
L_45 (85) av	12482

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:Go
Test Date:30 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:43%
Test Distance:7.710m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24DEG
 Operators: Go
 Test Date: 30 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 43%
 Test Distance: 7.710m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TYP 591 31 01	TYPE:	WEIGHT:
SPEC.:	DIM.: 1320x180x150mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	2167	2170	2118	2136	2108	2119	2122	2138	2172	2173	2232	2221	2167	2170	2118	2136	2108	2119	2122
5	2334	2382	2466	2553	2394	1890	2105	2690	2320	1796	1918	2181	2217	2131	1856	1838	2352	2696	2111
10	2276	2316	2535	2363	2294	2339	2002	2254	2136	2304	1714	1857	1970	1839	1733	2361	2077	2203	1991
15	2055	2234	2083	2061	2093	2231	1847	1706	2115	1946	1833	1725	1925	1743	1892	1907	2141	1716	1898
20	1791	1910	1655	1964	2006	2092	1774	1643	1438	1563	1962	1788	2080	1817	1962	1581	1429	1679	1800
25	1791	1817	1517	1426	1445	1533	1633	1756	1818	1817	1930	1584	1924	1581	1937	1810	1752	1824	1636
30	1642	1578	1566	1518	1589	1465	1554	1678	1211	1579	1625	1475	1716	1466	1541	1555	1253	1730	1554
35	1324	1413	1430	1388	1325	1510	1518	1341	1426	1298	1494	1401	1400	1426	1465	1278	1484	1353	1543
40	1355	1256	1362	1279	1346	1256	1227	1072	1300	1576	1402	1410	1305	1437	1483	1573	1307	1125	1298
45	1254	1396	1722	1363	1110	993	962	1143	1376	1934	1495	1734	1584	1756	1562	1967	1368	1208	995
50	1303	1212	1227	1676	1370	949	750	1188	1724	1261	1441	1242	1349	1263	1435	1243	1728	1246	796
55	1309	1143	1105	1122	1427	1015	645	1037	1295	1169	1130	1134	1254	1147	1157	1208	1388	1087	694
60	1074	976	984	973	1086	856	579	840	1092	1081	1062	973	1093	965	1086	1123	1082	848	605
65	932	886	980	865	821	705	482	774	871	1042	963	1000	1022	950	933	1058	885	812	506
70	874	759	755	872	726	609	397	599	808	844	769	806	919	787	804	869	786	629	415
75	617	557	539	547	569	475	297	454	581	574	569	613	670	598	595	597	592	467	306
80	383	354	336	344	342	273	190	273	337	367	371	390	425	391	386	380	363	273	192
85	194	192	181	179	165	143	94.5	142	171	193	192	211	214	208	205	199	186	145	97.0
90	102	104	99.3	90.3	75.1	54.9	38.3	52.6	74.3	92.4	96.8	105	101	102	103	96.8	79.6	55.6	41.2
95	97.8	97.7	89.5	79.5	67.1	52.0	39.1	49.6	67.1	77.4	84.8	100	95.1	93.8	87.8	78.7	68.2	50.0	38.3
100	129	116	106	91.6	78.2	55.4	39.3	52.0	75.7	88.4	97.9	117	122	109	101	88.8	76.8	52.3	38.8
105	160	134	125	103	76.6	48.9	36.3	45.1	72.7	96.0	116	133	151	127	120	98.1	73.0	45.7	36.0
110	163	131	118	92.3	67.0	43.6	34.4	40.3	62.9	86.4	110	129	156	126	118	90.1	63.0	41.0	33.6
115	159	114	105	84.6	60.8	37.8	31.0	34.2	57.8	80.3	97.9	108	151	108	103	83.5	57.7	34.9	30.5
120	141	108	98.1	80.0	50.0	28.5	26.2	26.1	45.9	72.5	87.8	98.5	140	99.7	92.1	78.5	47.5	26.5	25.8
125	100	86.1	78.2	63.5	38.4	22.3	21.1	21.2	34.1	55.0	72.4	79.3	99.1	81.4	77.6	58.4	34.7	21.1	20.7
130	57.8	58.5	58.0	40.6	25.2	18.5	17.5	17.5	22.5	39.9	54.6	59.2	58.8	61.2	55.8	40.0	22.2	17.1	17.3
135	35.4	35.5	32.0	23.8	18.6	16.7	16.4	15.9	16.5	24.2	31.4	34.1	35.4	36.0	33.9	24.7	16.7	15.8	16.5
140	28.7	28.4	24.5	20.4	17.3	16.9	16.5	16.0	15.6	19.5	24.2	26.4	27.7	27.4	24.4	19.4	15.5	15.9	16.7
145	25.4	25.2	21.7	19.2	17.4	17.2	16.8	16.4	16.0	16.9	21.0	23.1	23.9	23.6	21.1	16.8	15.7	16.2	16.9
150	22.7	22.4	19.9	17.9	17.6	17.2	16.9	16.5	16.2	16.1	17.9	20.4	21.2	20.5	18.1	15.8	15.8	16.1	16.7
155	19.7	19.7	18.4	18.3	17.9	17.3	16.6	16.4	16.5	16.5	16.5	17.0	18.1	16.8	16.3	16.2	16.1	16.0	16.6
160	18.0	18.5	18.6	18.4	18.0	17.4	17.0	16.8	16.7	16.9	16.9	17.3	17.5	17.0	16.8	16.6	16.5	16.5	16.8
165	18.7	19.1	18.8	18.5	18.1	17.6	17.3	17.2	17.0	17.2	17.3	17.6	18.1	17.6	17.3	17.0	16.9	17.0	17.2
170	19.0	19.0	18.8	18.4	18.1	17.8	17.6	17.4	17.4	17.5	17.6	18.0	18.4	17.9	17.7	17.4	17.4	17.4	17.5
175	19.0	18.7	18.5	18.3	18.1	18.0	17.8	17.8	17.8	17.9	18.0	18.2	18.6	18.2	18.0	17.9	17.8	17.7	17.8
180	18.8	18.5	18.3	18.2	18.1	18.0	18.0	18.0	18.1	18.1	18.2	18.4	18.8	18.4	18.3	18.2	18.1	18.0	18.0

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:24DEG

Operators:Go

Test Date:30 October 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295

Humidity:43%

Test Distance:7.710m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TYP 591 31 01	TYPE:	WEIGHT:
SPEC.:	DIM.: 1320x180x150mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	2138	2172	2173	2232	2221														
5	1885	2336	2566	2497	2371														
10	2262	2312	2324	2557	2442														
15	2249	2081	2035	1997	2274														
20	2090	2005	1971	1579	1957														
25	1552	1403	1378	1434	1850														
30	1491	1615	1448	1546	1563														
35	1521	1332	1472	1457	1493														
40	1277	1378	1246	1441	1414														
45	1005	1144	1520	1462	1352														
50	989	1323	1583	1206	1245														
55	1057	1427	1084	1108	1174														
60	874	1112	1011	972	1033														
65	695	860	880	957	894														
70	586	749	849	749	776														
75	484	576	553	540	569														
80	279	364	341	340	361														
85	145	173	182	185	201														
90	55.8	80.2	95.0	102	111														
95	51.9	68.4	79.3	88.2	101														
100	53.8	77.3	91.3	104	120														
105	48.5	76.4	102	122	138														
110	43.8	67.3	91.6	115	134														
115	37.9	62.0	85.3	107	118														
120	28.1	50.9	81.5	103	108														
125	21.8	38.5	59.9	78.4	88.4														
130	18.0	24.5	36.0	56.9	61.3														
135	16.8	18.5	23.0	32.0	36.0														
140	16.9	17.0	20.1	23.9	28.1														
145	17.1	17.2	18.8	21.0	24.4														
150	17.1	17.5	17.7	19.5	22.2														
155	17.2	17.9	18.1	18.2	19.5														
160	17.4	18.0	18.3	18.5	18.4														
165	17.5	18.0	18.4	18.7	18.9														
170	17.7	18.0	18.4	18.6	18.9														
175	17.9	18.1	18.2	18.4	18.7														
180	18.0	18.1	18.2	18.2	18.4														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:24DEG

Operators:Go

Test Date:30 October 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295

Humidity:43%

Test Distance:7.710m [K=1.0000]

Remarks: