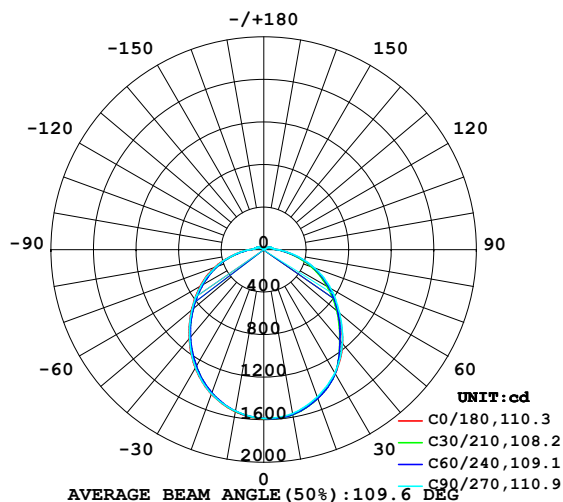


LUMINAIRE PHOTOMETRIC TEST REPORT

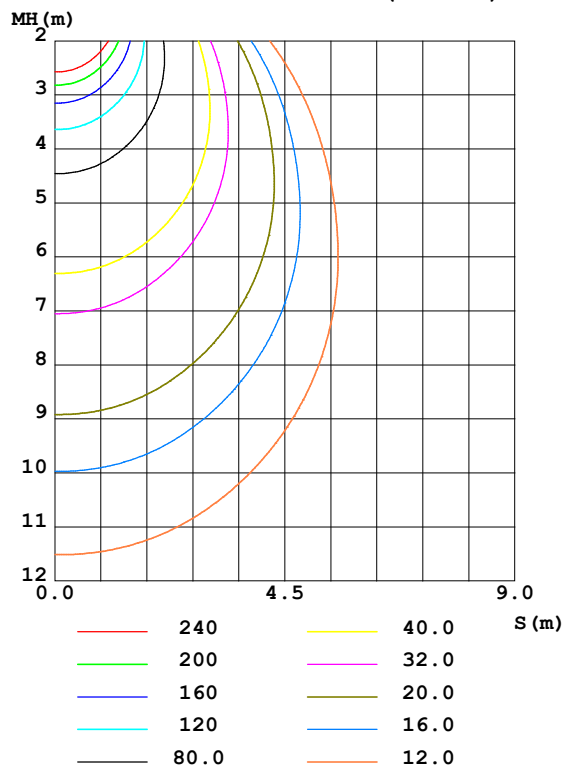
NAME: Typ 591 35 01	TYPE:	WEIGHT:
SPEC.:	DIM.: D380x190mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 105.03 lm/W			
MODEL		Imax(cd)	1592	S/MH(C0/180)	1.21
NOMINAL POWER(W)	47.1346	LOR(%)	100.0	S/MH(C90/270)	1.21
RATED VOLTAGE(V)	230.208	TOTAL FLUX(lm)	4950.3	η UP,DN(C0-180)	2.9,47.7
NOMINAL FLUX(lm)	4950.34	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.9,46.5
LAMPS INSIDE	1	η up(%)	5.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230.208	η down(%)	94.3	CIBSE SHR MAX	1.35

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:21 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:54%
Test Distance:7.710m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

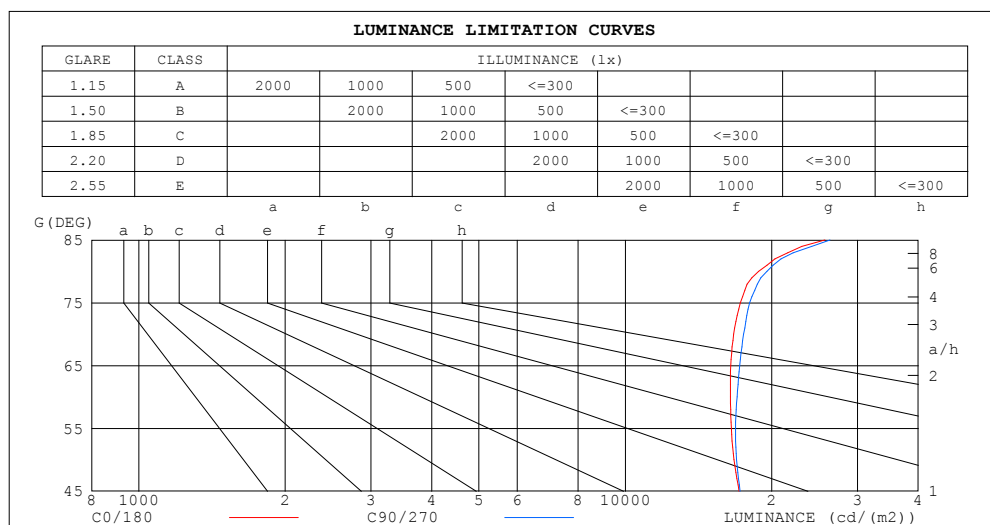
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1571	1576	1565	1544	1547	1541	1541	1544	0- 10	149.8	149.8	3.03,3.03
20	1482	1490	1473	1441	1445	1431	1441	1441	10- 20	426.1	575.9	11.6,11.6
30	1344	1344	1338	1297	1286	1266	1282	1295	20- 30	638.8	1215	24.5,24.5
40	1152	1113	1151	1110	1092	1074	1087	1105	30- 40	757.9	1973	39.8,39.8
50	919.7	899.5	930.7	901.1	887.3	863.2	880.1	888.1	40- 50	774.8	2747	55.5,55.5
60	703.3	692.2	725.4	706.7	692.0	657.8	681.5	684.0	50- 60	711.9	3459	69.9,69.9
70	488.4	486.4	512.0	505.0	494.1	459.9	482.2	483.1	60- 70	587.7	4047	81.8,81.8
80	279.2	275.4	290.3	286.0	285.6	265.9	283.1	281.2	70- 80	406.5	4454	90,90
90	128.3	122.5	131.8	127.8	125.3	120.9	125.4	128.4	80- 90	213.6	4667	94.3,94.3
100	75.70	79.64	83.50	81.20	79.05	80.82	81.33	80.60	90-100	107.7	4775	96.5,96.5
110	63.24	64.90	66.38	64.89	64.40	64.65	64.97	65.16	100-110	77.16	4852	98,98
120	41.18	22.43	43.73	26.67	41.04	22.48	42.25	19.18	110-120	50.94	4903	99,99
130	15.69	9.410	19.25	9.323	18.98	9.528	14.37	9.780	120-130	20.63	4924	99.5,99.5
140	11.26	10.56	10.59	10.74	11.05	10.86	11.06	10.67	130-140	8.460	4932	99.6,99.6
150	12.19	11.99	11.96	12.11	12.23	12.22	12.22	12.05	140-150	7.175	4939	99.8,99.8
160	13.42	13.27	13.25	13.38	13.55	13.51	13.46	13.35	150-160	5.893	4945	99.9,99.9
170	14.24	14.13	14.10	14.18	14.36	14.33	14.26	14.07	160-170	3.906	4949	100,100
180	14.68	14.63	14.54	14.51	14.66	14.62	14.55	14.51	170-180	1.370	4950	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:21 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:54%
Test Distance:7.710m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: Typ 591 35 01	TYPE:	WEIGHT:
SPEC.:	DIM.: D380x190mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	25731	26343
80	18804	19556
75	17245	18026
70	16701	17509
65	16477	17178
60	16451	16969
55	16517	16851
50	16734	16935
45	17138	17215

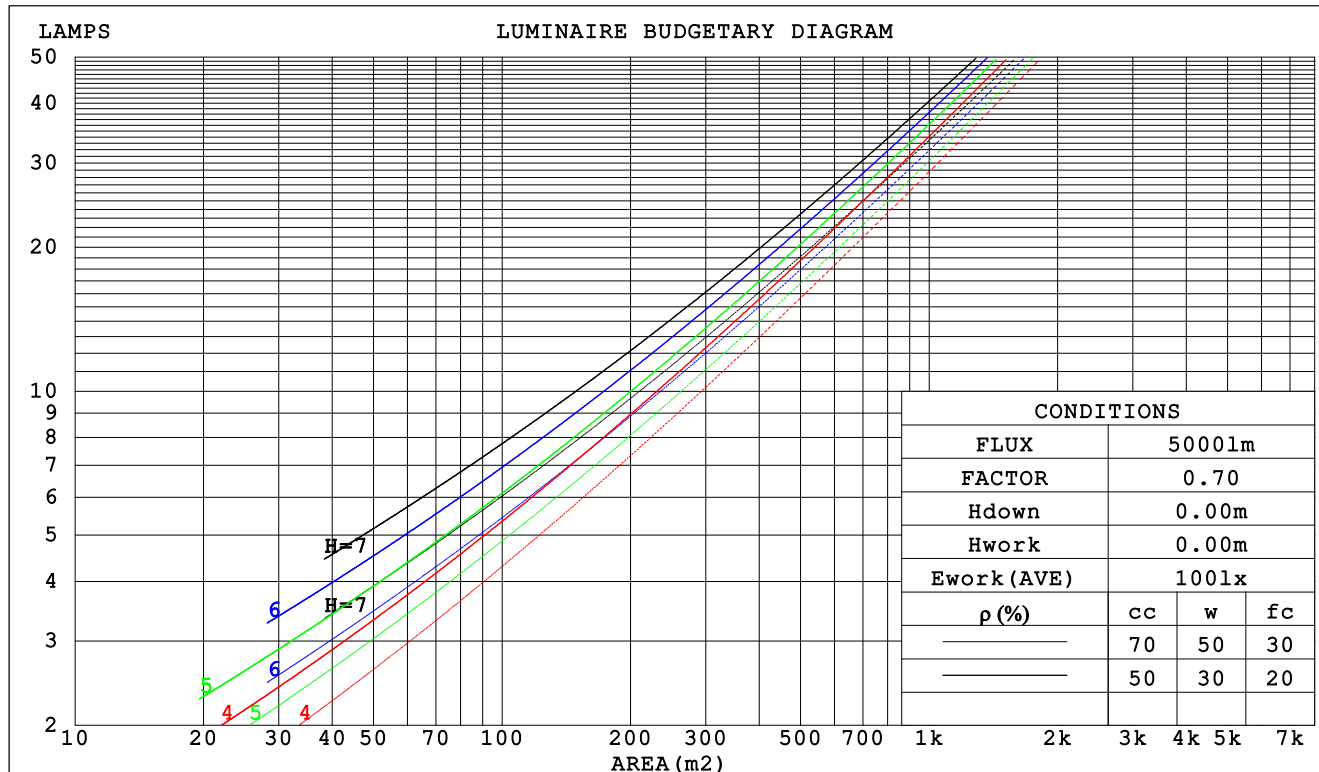
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Go
Test Date: 21 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 54%
Test Distance: 7.710m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: Typ 591 35 01	TYPE:	WEIGHT:
SPEC.:	DIM.: D380x190mm	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						Coefficients of Utilization(CU)									
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	.96	.92	.98	.94	.90	.93	.89	.86	.88	.85	.82	.83	.81	.79	.76
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	.71	.64	.58	.67	.61	.57	.64	.59	.55	.52
4.0	.68	.58	.52	.66	.57	.51	.63	.55	.50	.60	.53	.48	.57	.51	.47	.45
5.0	.60	.51	.44	.59	.50	.44	.56	.48	.43	.53	.47	.42	.51	.45	.41	.38
6.0	.54	.45	.39	.53	.44	.38	.51	.43	.37	.48	.42	.37	.46	.40	.36	.34
7.0	.49	.40	.34	.48	.40	.34	.46	.38	.33	.44	.37	.32	.42	.36	.32	.30
8.0	.45	.36	.30	.44	.36	.30	.42	.35	.29	.40	.34	.29	.39	.33	.28	.26
9.0	.41	.33	.27	.40	.32	.27	.39	.32	.27	.37	.31	.26	.36	.30	.26	.24
10.0	.38	.30	.25	.37	.30	.24	.36	.29	.24	.34	.28	.24	.33	.28	.23	.22



C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:24DEG

Operators:Go

Test Date:21 October 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

Humidity:54%

Test Distance:7.710m [K=1.0000]

Remarks:

WEC AND CCEC

NAME: Typ 591 35 01	TYPE:	WEIGHT:
SPEC.:	DIM.: D380x190mm	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	.341	.194	.061	.332	.189	.060	.315	.181	.058	.300	.173	.056	.286	.166	.053		
2.0	.308	.169	.052	.301	.166	.051	.286	.159	.049	.272	.153	.048	.259	.147	.046		
3.0	.280	.149	.045	.273	.146	.044	.260	.141	.043	.247	.136	.042	.236	.131	.040		
4.0	.256	.133	.039	.249	.130	.039	.237	.126	.038	.226	.122	.037	.216	.117	.036		
5.0	.235	.120	.035	.229	.118	.034	.218	.114	.033	.208	.110	.033	.199	.106	.032		
6.0	.216	.108	.031	.211	.107	.031	.202	.103	.030	.193	.100	.029	.184	.097	.029		
7.0	.201	.099	.028	.196	.098	.028	.187	.095	.027	.179	.092	.027	.172	.089	.026		
8.0	.187	.091	.026	.183	.090	.025	.175	.087	.025	.167	.085	.024	.161	.082	.024		
9.0	.175	.085	.024	.171	.083	.023	.164	.081	.023	.157	.079	.023	.151	.077	.022		
10.0	.164	.079	.022	.161	.078	.022	.154	.075	.021	.148	.073	.021	.142	.071	.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	.234	.234	.234	.200	.200	.200	.137	.137	.137	.078	.078	.078	.025	.025	.025	
1.0	.226	.200	.176	.194	.171	.151	.133	.118	.105	.076	.068	.061	.024	.022	.020	
2.0	.219	.176	.140	.187	.152	.121	.128	.105	.085	.074	.061	.050	.024	.020	.016	
3.0	.211	.159	.117	.181	.137	.102	.124	.095	.071	.072	.056	.042	.023	.018	.014	
4.0	.203	.146	.102	.174	.126	.089	.120	.088	.062	.069	.051	.037	.022	.017	.012	
5.0	.195	.136	.091	.168	.117	.079	.116	.082	.056	.067	.048	.033	.022	.016	.011	
6.0	.188	.127	.084	.162	.110	.073	.112	.077	.052	.065	.045	.031	.021	.015	.010	
7.0	.181	.121	.078	.156	.104	.068	.108	.073	.048	.063	.043	.029	.020	.014	.009	
8.0	.175	.115	.074	.150	.100	.064	.104	.070	.046	.061	.041	.027	.020	.014	.009	
9.0	.168	.110	.070	.145	.095	.061	.101	.067	.044	.059	.040	.026	.019	.013	.009	
10.0	.163	.106	.068	.140	.092	.059	.097	.065	.042	.057	.038	.025	.018	.013	.008	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:Go
Test Date:21 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:54%
Test Distance:7.710m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: Typ 591 35 01					TYPE:		WEIGHT:				
SPEC.:					DIM.: D380x190mm		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	22.1	23.6	22.5	23.9	24.2	22.3	23.8	22.7	24.1	24.4
	3H	23.9	25.3	24.3	25.6	26.0	24.2	25.5	24.6	25.9	26.2
	4H	24.8	26.1	25.2	26.4	26.8	25.0	26.3	25.4	26.7	27.1
	6H	25.5	26.8	25.9	27.1	27.5	25.8	27.0	26.2	27.4	27.8
	8H	25.9	27.1	26.3	27.5	27.9	26.2	27.4	26.6	27.8	28.2
	12H	26.3	27.4	26.7	27.8	28.2	26.6	27.7	27.0	28.1	28.5
4H	2H	22.8	24.1	23.2	24.5	24.8	22.9	24.2	23.3	24.6	25.0
	3H	24.8	25.9	25.2	26.3	26.8	25.0	26.1	25.4	26.5	27.0
	4H	25.8	26.8	26.2	27.2	27.7	26.0	27.1	26.5	27.5	28.0
	6H	26.7	27.6	27.2	28.1	28.6	27.0	27.9	27.5	28.4	28.9
	8H	27.1	28.0	27.6	28.5	29.0	27.4	28.3	27.9	28.8	29.3
	12H	27.6	28.4	28.1	28.9	29.4	27.9	28.7	28.4	29.2	29.7
8H	4H	26.1	27.0	26.6	27.5	28.0	26.4	27.2	26.9	27.7	28.2
	6H	27.3	28.0	27.8	28.5	29.1	27.5	28.3	28.1	28.8	29.3
	8H	27.9	28.5	28.4	29.0	29.6	28.1	28.8	28.7	29.3	29.9
	12H	28.5	29.1	29.1	29.6	30.2	28.8	29.3	29.3	29.9	30.5
12H	4H	26.2	27.0	26.7	27.5	28.0	26.4	27.2	26.9	27.7	28.2
	6H	27.4	28.1	28.0	28.6	29.2	27.7	28.3	28.2	28.8	29.4
	8H	28.1	28.6	28.6	29.2	29.8	28.3	28.9	28.9	29.4	30.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 4950 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.6)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:Go
Test Date:21 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:54%
Test Distance:7.710m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: Typ 591 35 01	TYPE:	WEIGHT:
SPEC.:	DIM.: D380x190mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

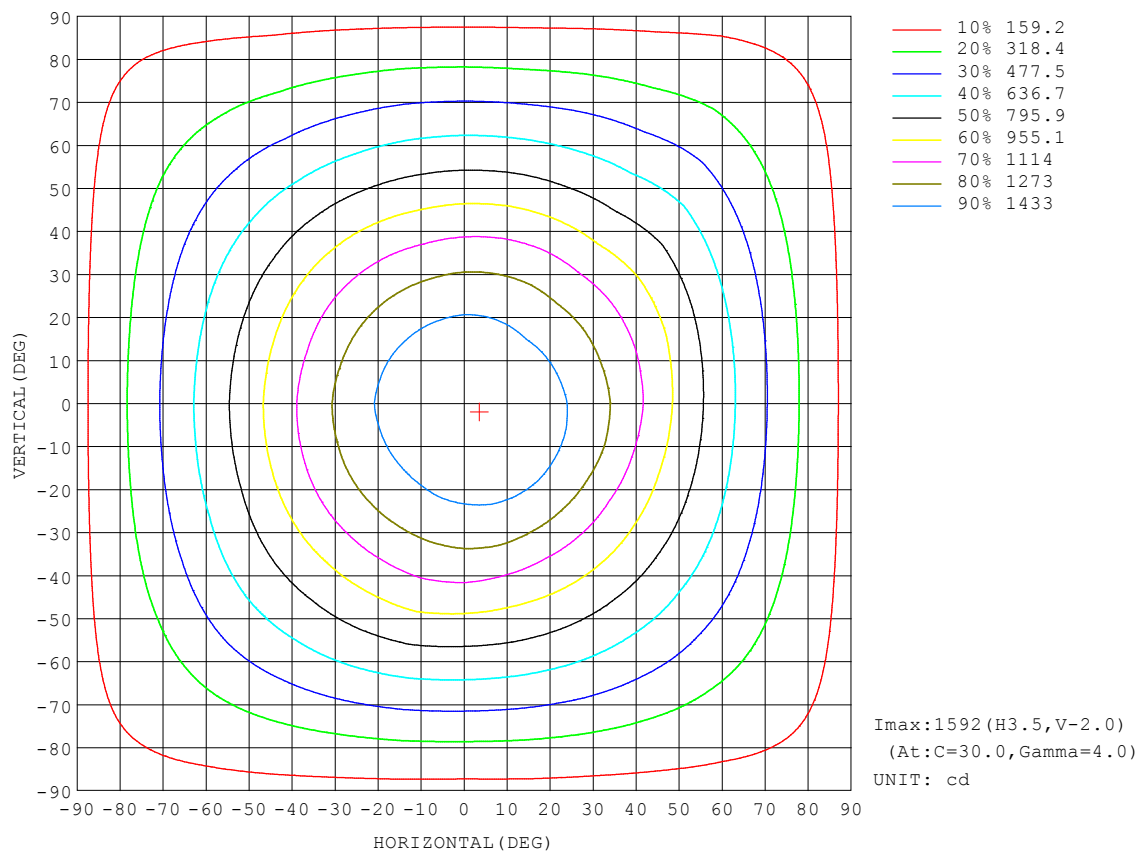
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	55	43	36	54	43	36	52	42	35	29
0.80	64	52	45	63	52	44	61	51	44	37
1.00	72	61	53	71	60	53	68	61	52	44
1.25	79	68	60	78	67	60	74	65	59	51
1.50	84	73	66	82	72	65	79	70	64	55
2.00	91	82	75	89	80	74	85	77	72	63
2.50	95	87	80	93	85	79	88	82	76	67
3.00	99	91	85	96	89	83	91	85	81	71
4.00	103	96	91	100	94	89	95	90	86	75
5.00	106	100	95	103	98	93	97	93	90	78
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNOM = 1.25										

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Go
Test Date: 21 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 54%
Test Distance: 7.710m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: Typ 591 35 01	TYPE:	WEIGHT:
SPEC.:	DIM.: D380x190mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

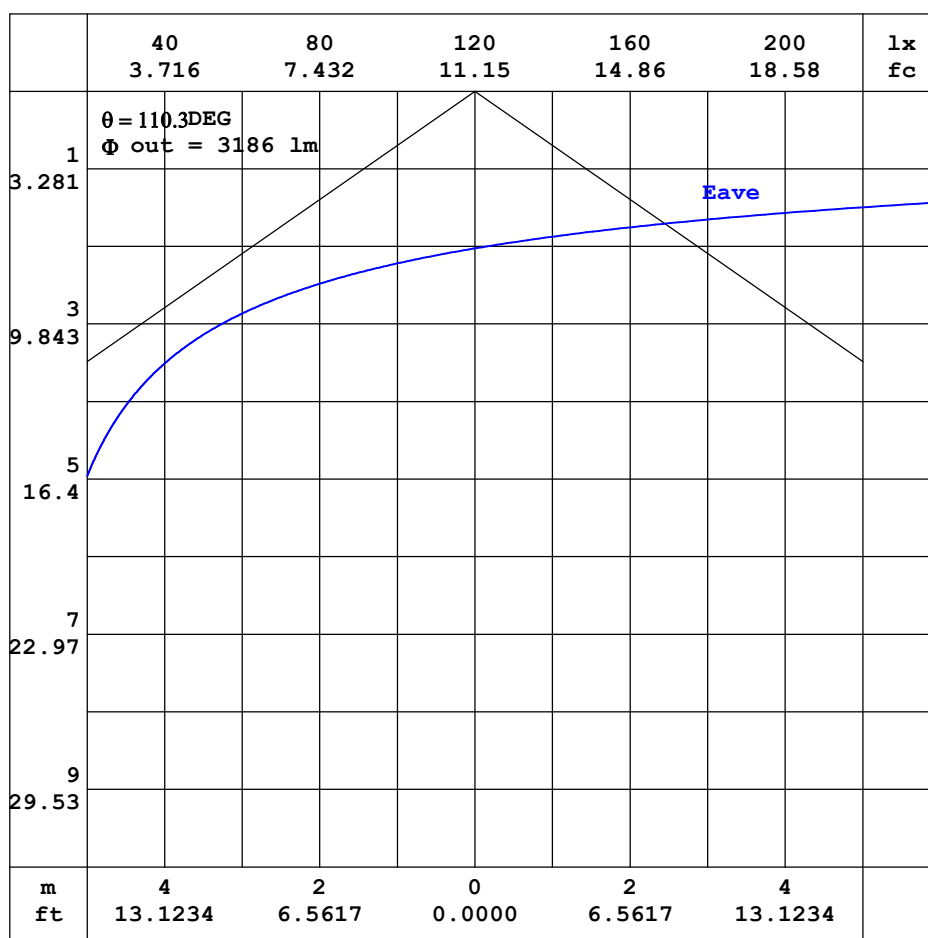


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:Go
Test Date:21 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:54%
Test Distance:7.710m [K=1.0000]
Remarks:

AAI CURVES

NAME: Typ 591 35 01	TYPE:	WEIGHT:
SPEC.:	DIM.: D380x190mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:



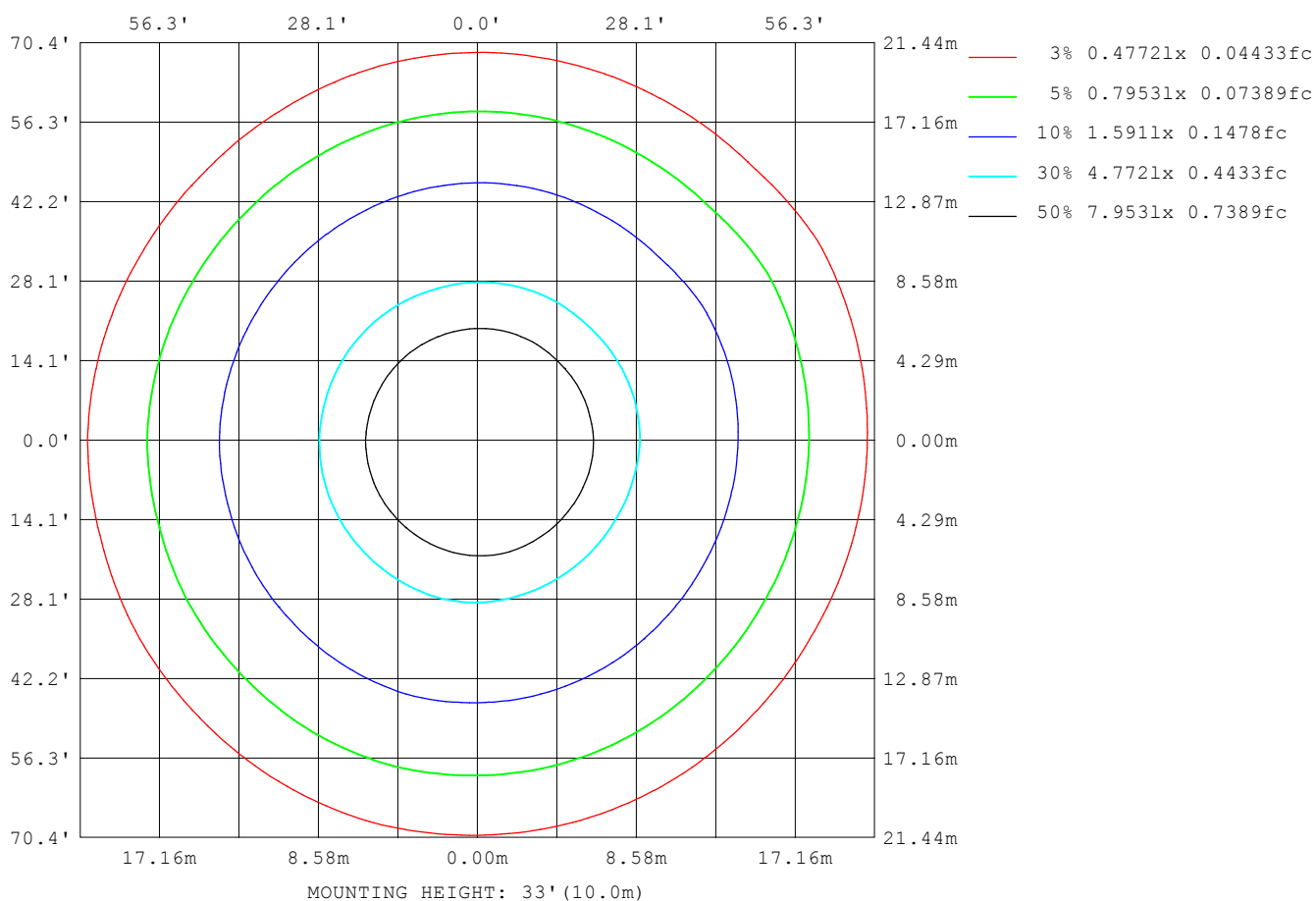
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24DEG
Operators: Go
Test Date: 21 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 54%
Test Distance: 7.710m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

NAME: Typ 591 35 01	TYPE:	WEIGHT:
SPEC.:	DIM.: D380x190mm	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: 21 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 54%
Test Distance: 7.710m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: Typ 591 35 01	TYPE:	WEIGHT:
SPEC.:	DIM.: D380x190mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

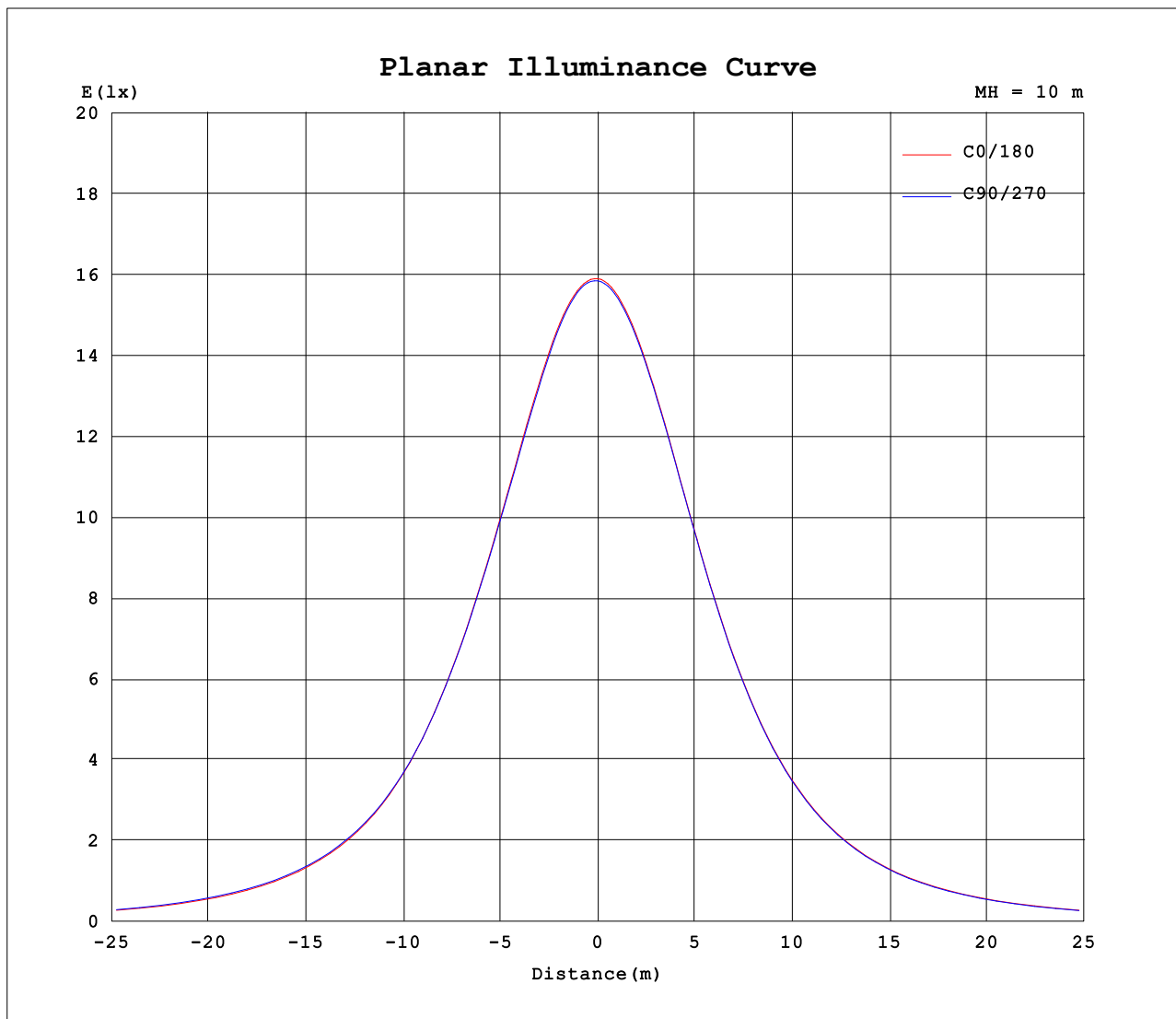
AvgL	cd/m2
L_0~180 (65) av	16475
L_0~180 (75) av	17408
L_0~180 (85) av	25968
L_90~270 (65) av	16649
L_90~270 (75) av	17607
L_90~270 (85) av	26370
L_45 (65) av	16213
L_45 (75) av	17113
L_45 (85) av	25381

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24DEG
Operators:Go
Test Date:21 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:54%
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: 21 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 54%
Test Distance: 7.710m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Typ 591 35 01	TYPE:	WEIGHT:
SPEC.:	DIM.: D380x190mm	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	1591	1589	1589	1588	1587	1586	1585	1584	1583	1583	1582	1581	1591	1589	1589	1588	1587	1586	1585
5	1589	1591	1591	1591	1589	1588	1584	1580	1576	1573	1570	1568	1577	1574	1574	1572	1572	1571	1571
10	1571	1575	1576	1576	1574	1570	1565	1558	1549	1544	1541	1539	1547	1544	1543	1541	1541	1541	1541
15	1534	1538	1539	1541	1538	1533	1525	1517	1506	1499	1496	1495	1502	1499	1496	1493	1494	1494	1498
20	1482	1486	1488	1490	1487	1483	1473	1463	1449	1441	1438	1439	1445	1437	1433	1431	1432	1434	1441
25	1419	1425	1426	1428	1426	1423	1412	1399	1383	1373	1370	1368	1371	1361	1357	1354	1356	1359	1368
30	1344	1349	1345	1344	1345	1347	1338	1323	1307	1297	1291	1286	1286	1273	1268	1266	1267	1271	1282
35	1254	1250	1233	1228	1234	1250	1251	1238	1221	1210	1202	1195	1192	1178	1174	1172	1173	1175	1188
40	1152	1130	1112	1113	1117	1135	1151	1146	1125	1110	1103	1097	1092	1078	1076	1074	1074	1074	1087
45	1036	1012	1003	1007	1013	1023	1041	1046	1022	1004	997	993	990	977	973	970	971	973	984
50	920	903	896	900	910	919	931	941	919	901	894	887	887	875	866	863	866	871	880
55	810	798	790	795	809	819	826	837	820	802	795	785	788	776	765	760	764	772	780
60	703	693	686	692	707	719	725	733	723	707	700	689	692	679	664	658	663	675	681
65	595	587	583	591	605	615	621	628	620	609	604	592	595	582	566	558	565	578	582
70	488	481	478	486	500	508	512	517	512	505	502	490	494	483	470	460	469	480	482
75	382	375	372	380	390	398	399	403	399	395	392	384	389	381	369	360	370	380	380
80	279	273	270	275	284	290	290	292	288	286	284	280	286	281	271	266	274	283	283
85	192	187	183	185	190	196	196	198	195	193	191	191	195	192	187	184	189	194	197
90	128	124	122	123	126	130	132	131	130	128	126	123	125	125	123	121	124	124	125
95	94.1	92.3	91.7	91.8	94.7	97.9	97.3	97.7	96.9	95.1	94.6	95.7	99.9	97.5	94.4	93.9	96.1	96.5	96.7
100	75.7	77.9	78.6	79.6	80.8	82.7	83.5	83.9	81.9	81.2	80.2	79.5	79.0	80.8	81.2	80.8	81.6	82.0	81.3
105	71.8	71.5	71.3	71.7	73.0	74.5	73.9	74.2	74.1	72.8	72.5	72.9	73.6	74.3	73.7	73.1	74.4	73.3	72.8
110	63.2	63.6	63.3	64.9	65.5	67.1	66.4	66.5	65.5	64.9	63.7	63.8	64.4	65.0	64.3	64.6	65.2	65.3	65.0
115	52.3	52.3	47.6	50.5	52.7	56.7	56.4	55.7	52.2	52.6	47.2	52.2	52.9	53.3	48.7	50.3	50.5	54.3	54.5
120	41.2	38.9	29.2	22.4	33.7	42.6	43.7	42.7	35.9	26.7	29.5	38.4	41.0	39.8	32.0	22.5	33.1	41.6	42.2
125	30.0	26.4	16.4	10.4	19.4	29.9	32.8	30.9	22.0	10.9	18.5	27.9	31.9	29.5	20.0	10.0	16.8	28.1	30.4
130	15.7	13.5	10.5	9.41	10.5	15.6	19.3	16.4	11.2	9.32	10.7	15.8	19.0	15.3	10.9	9.53	10.4	12.7	14.4
135	11.7	10.8	10.0	9.91	9.78	10.9	11.4	11.2	9.93	10.00	10.2	11.2	11.6	11.1	10.3	10.1	10.4	10.6	11.0
140	11.3	10.8	10.7	10.6	10.5	10.5	10.6	10.6	10.7	10.7	10.8	11.0	11.0	11.0	10.9	10.9	10.9	11.1	11.1
145	11.6	11.4	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.4	11.5	11.5	11.5	11.6	11.5	11.6	11.6	11.6	11.6
150	12.2	12.1	12.1	12.0	11.9	12.0	12.0	12.0	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
155	12.8	12.8	12.7	12.7	12.6	12.6	12.6	12.7	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
160	13.4	13.4	13.3	13.3	13.2	13.2	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.6	13.5	13.5	13.5	13.5	13.5
165	13.9	13.8	13.8	13.7	13.7	13.7	13.7	13.8	13.8	13.8	13.9	13.9	14.1	14.0	14.0	13.9	14.0	13.9	13.9
170	14.2	14.2	14.2	14.1	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.4	14.4	14.3	14.3	14.3	14.3	14.3
175	14.5	14.5	14.5	14.5	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.6	14.6	14.6	14.5	14.5	14.5	14.4
180	14.7	14.7	14.7	14.6	14.6	14.6	14.5	14.6	14.5	14.5	14.5	14.5	14.7	14.7	14.7	14.6	14.6	14.6	14.6

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:24DEG

Operators:Go

Test Date:21 October 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

Humidity:54%

Test Distance:7.710m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: Typ 591 35 01	TYPE:	WEIGHT:
SPEC.:	DIM.: D380x190mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	1584	1583	1583	1582	1581														
5	1570	1571	1572	1575	1577														
10	1541	1542	1544	1550	1557														
15	1498	1498	1499	1509	1518														
20	1442	1442	1441	1454	1465														
25	1372	1374	1373	1388	1402														
30	1290	1295	1295	1312	1325														
35	1197	1205	1206	1224	1238														
40	1098	1104	1105	1127	1144														
45	992	995	996	1026	1042														
50	886	886	888	923	933														
55	783	781	785	822	822														
60	683	680	684	721	712														
65	583	583	585	617	605														
70	481	484	483	510	498														
75	378	382	380	399	390														
80	279	283	281	292	285														
85	193	195	194	199	196														
90	126	128	128	132	129														
95	95.8	95.0	94.6	95.5	94.4														
100	81.2	80.9	80.6	80.4	76.7														
105	73.0	72.9	72.8	73.5	71.5														
110	64.6	64.8	65.2	65.1	63.9														
115	53.0	46.1	48.7	51.5	53.1														
120	37.8	27.9	19.2	34.9	40.9														
125	25.5	14.0	9.98	19.0	28.8														
130	12.0	9.73	9.78	11.3	13.8														
135	10.3	10.0	10.2	10.7	11.4														
140	10.9	10.7	10.7	11.0	11.2														
145	11.5	11.4	11.4	11.3	11.4														
150	12.2	12.1	12.0	12.0	11.9														
155	12.9	12.8	12.7	12.7	12.6														
160	13.5	13.4	13.4	13.3	13.2														
165	13.9	13.8	13.8	13.7	13.7														
170	14.2	14.2	14.1	14.1	14.1														
175	14.4	14.4	14.3	14.3	14.3														
180	14.6	14.6	14.5	14.5	14.5														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:24DEG

Operators:Go

Test Date:21 October 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

Humidity:54%

Test Distance:7.710m [K=1.0000]

Remarks: