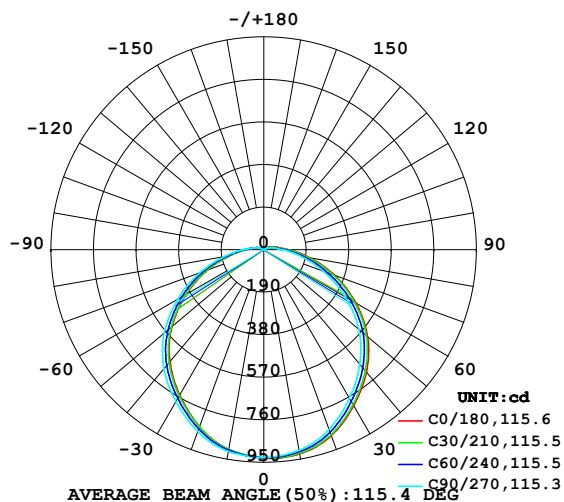


LUMINAIRE PHOTOMETRIC TEST REPORT

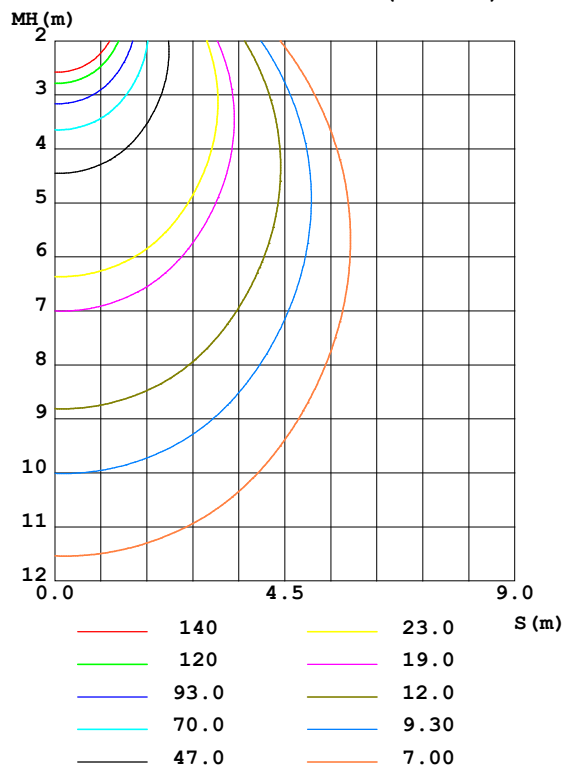
NAME: TYP 591 15 01n	TYPE:	WEIGHT:
SPEC.:	DIM.: D230x250mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 114.07 lm/W			
MODEL		I _{max} (cd)	933.2	S/MH (C0/180)	1.21
NOMINAL POWER (W)	26.4166	LOR (%)	100.0	S/MH (C90/270)	1.26
RATED VOLTAGE (V)	230.189	TOTAL FLUX (lm)	3013.3	η UP, DN (C0-180)	2.7, 47.8
NOMINAL FLUX (lm)	3013.31	CIE CLASS	DIRECT	η UP, DN (C180-360)	2.5, 47.0
LAMPS INSIDE	1	η up (%)	5.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230.189	η down (%)	94.8	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: 22DEG
Operators: Go
Test Date: 31 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 41%
Test Distance: 7.710m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

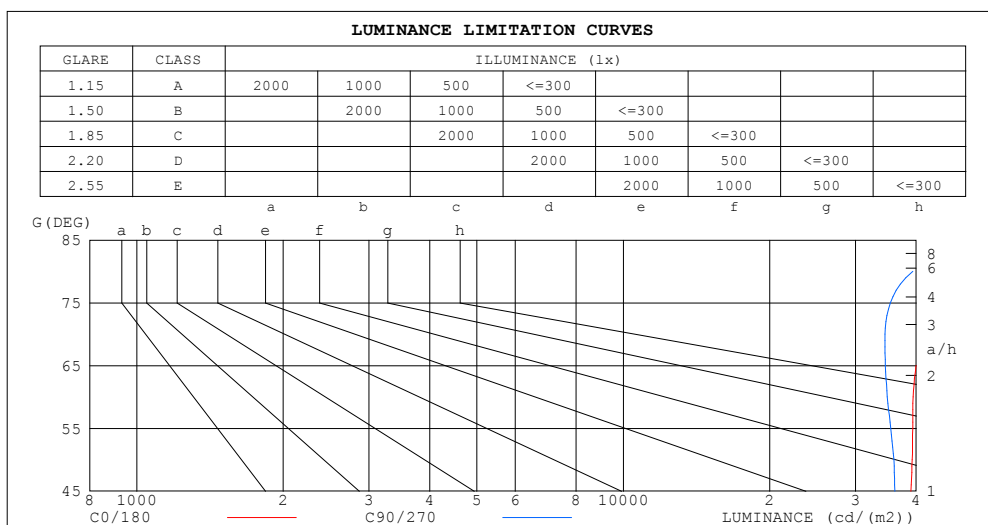
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	925.7	920.2	909.7	902.6	905.2	906.7	914.6	919.8	0- 10	87.85	87.85	2.92,2.92
20	883.7	874.8	854.3	841.2	841.0	845.7	864.1	875.8	10- 20	251.4	339.3	11.3,11.3
30	803.8	791.6	765.7	750.9	751.3	760.5	783.8	797.6	20- 30	377.7	716.9	23.8,23.8
40	713.5	698.0	667.8	650.7	652.3	665.0	693.8	708.6	30- 40	456.9	1174	39,39
50	605.5	590.5	555.1	537.1	535.6	547.5	580.1	598.6	40- 50	484.0	1658	55,55
60	473.5	458.1	418.8	401.3	399.5	411.9	444.0	465.0	50- 60	448.8	2107	69.9,69.9
70	337.6	319.0	283.4	268.6	267.0	277.8	305.3	326.6	60- 70	362.0	2469	81.9,81.9
80	207.6	190.9	164.1	153.3	151.7	159.0	177.9	195.4	70- 80	247.3	2716	90.1,90.1
90	110.3	99.58	84.50	81.04	79.18	83.97	91.48	102.1	80- 90	140.4	2856	94.8,94.8
100	61.96	50.89	47.36	46.80	42.97	48.60	47.58	54.03	90-100	74.02	2930	97.2,97.2
110	36.43	26.04	28.34	27.89	22.63	28.55	24.04	29.95	100-110	39.94	2970	98.6,98.6
120	21.04	11.71	16.53	15.74	10.70	16.02	11.22	15.83	110-120	20.64	2991	99.3,99.3
130	8.663	4.978	7.049	5.360	5.815	5.166	5.596	4.773	120-130	8.411	2999	99.5,99.5
140	5.651	5.755	5.910	6.101	6.064	5.906	5.710	5.553	130-140	4.282	3004	99.7,99.7
150	6.376	6.451	6.588	6.728	6.705	6.584	6.414	6.278	140-150	3.873	3007	99.8,99.8
160	6.945	7.018	7.065	7.208	7.194	7.072	6.963	6.883	150-160	3.137	3011	99.9,99.9
170	7.397	7.470	7.455	7.572	7.558	7.466	7.397	7.371	160-170	2.052	3013	100,100
180	7.645	7.729	7.700	7.751	7.722	7.711	7.703	7.722	170-180	0.7209	3013	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:22DEG
Operators:Go
Test Date:31 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:41%
Test Distance:7.710m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: TYP 591 15 01n	TYPE:	WEIGHT:
SPEC.:	DIM.: D230x250mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	73071	56770
80	49819	39365
75	43555	35403
70	41123	34522
65	39979	34578
60	39456	34901
55	39346	35451
50	39252	35980
45	39024	36178

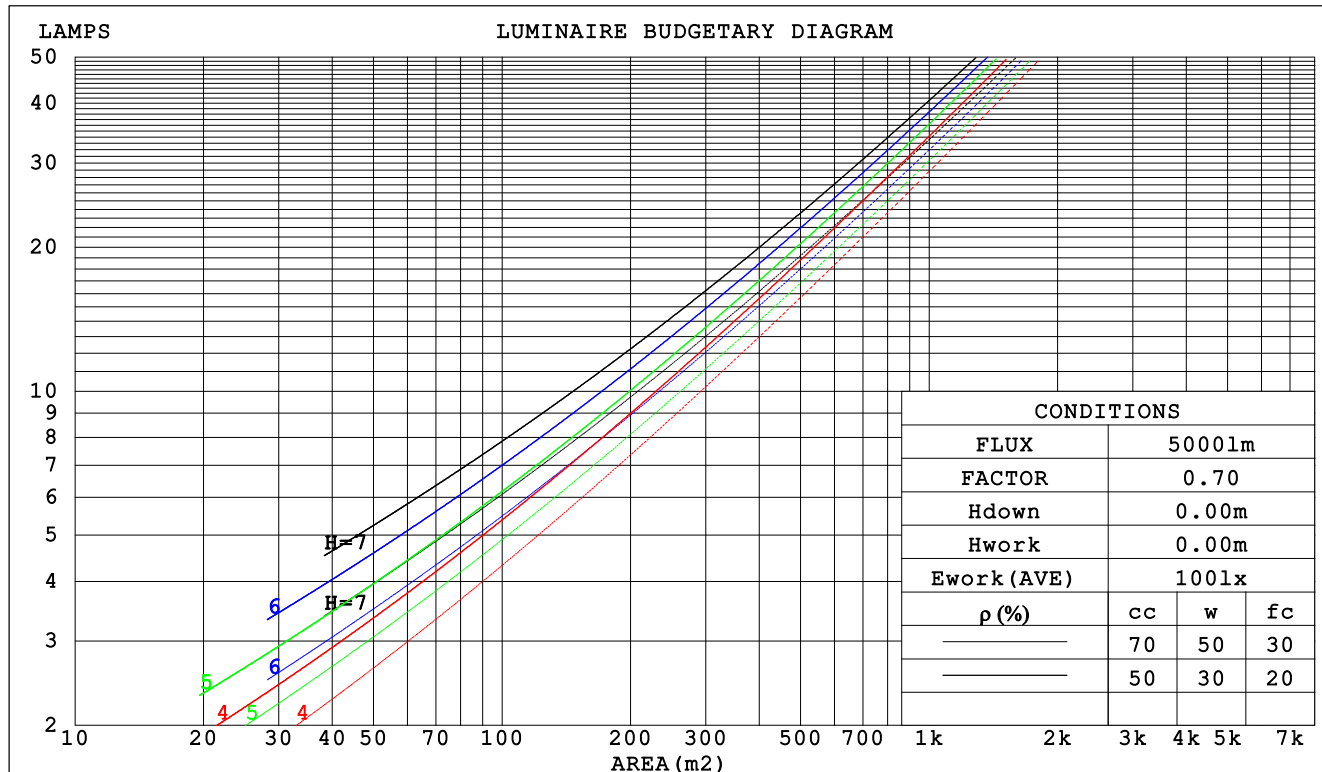
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 22DEG
Operators: Go
Test Date: 31 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 41%
Test Distance: 7.710m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: TYP 591 15 01n	TYPE:	WEIGHT:
SPEC.:	DIM.: D230x250mm	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															



C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:22DEG

Operators:Go

Test Date:31 October 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

Humidity:41%

Test Distance:7.710m [K=1.0000]

Remarks:

WEC AND CCEC

NAME: TYP 591 15 01n	TYPE:	WEIGHT:
SPEC.:	DIM.: D230x250mm	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	.346	.197	.062	.337	.192	.061	.321	.184	.059	.306	.176	.057	.292	.169	.055		
2.0	.312	.171	.052	.304	.167	.052	.289	.161	.050	.276	.155	.048	.263	.149	.047		
3.0	.283	.151	.045	.276	.148	.044	.263	.142	.043	.251	.137	.042	.239	.133	.041		
4.0	.258	.134	.039	.252	.132	.039	.240	.127	.038	.229	.123	.037	.219	.119	.036		
5.0	.236	.121	.035	.231	.119	.035	.220	.115	.034	.211	.111	.033	.202	.108	.032		
6.0	.218	.109	.031	.213	.108	.031	.204	.104	.030	.195	.101	.030	.187	.098	.029		
7.0	.202	.100	.028	.198	.098	.028	.189	.096	.028	.181	.093	.027	.174	.090	.027		
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	.159	.080	.023	.152	.077	.022		
10.0	.165	.079	.022	.162	.078	.022	.155	.076	.021	.149	.074	.021	.144	.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	.230	.230	.230	.197	.197	.197	.134	.134	.134	.077	.077	.077	.025	.025	.025	
1.0	.223	.196	.172	.191	.168	.148	.130	.116	.102	.075	.067	.059	.024	.022	.019	
2.0	.215	.172	.136	.184	.148	.117	.126	.103	.082	.073	.060	.048	.023	.019	.016	
3.0	.207	.155	.113	.178	.134	.098	.122	.093	.069	.071	.054	.041	.023	.018	.013	
4.0	.200	.142	.098	.171	.123	.085	.118	.085	.060	.068	.050	.035	.022	.016	.012	
5.0	.192	.132	.087	.165	.114	.076	.114	.080	.054	.066	.047	.032	.021	.015	.010	
6.0	.185	.123	.079	.159	.107	.069	.110	.075	.049	.064	.044	.029	.021	.014	.010	
7.0	.178	.117	.074	.153	.101	.064	.106	.071	.046	.061	.042	.027	.020	.014	.009	
8.0	.171	.111	.070	.147	.096	.061	.102	.068	.043	.059	.040	.026	.019	.013	.008	
9.0	.165	.106	.066	.142	.092	.058	.098	.065	.041	.057	.038	.024	.019	.013	.008	
10.0	.159	.102	.064	.137	.088	.055	.095	.062	.039	.056	.037	.024	.018	.012	.008	

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 22DEG
Operators: Go
Test Date: 31 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 41%
Test Distance: 7.710m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: TYP 591 15 01n					TYPE:					WEIGHT:				
SPEC.:					DIM.: D230x250mm					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	25.5	27.0	25.8	27.3	27.6	25.0	26.5	25.4	26.8	27.1			
	3H	27.4	28.8	27.8	29.1	29.5	26.7	28.1	27.1	28.4	28.8			
	4H	28.3	29.6	28.7	30.0	30.3	27.5	28.8	27.9	29.2	29.5			
	6H	29.2	30.4	29.6	30.8	31.2	28.2	29.5	28.6	29.8	30.2			
	8H	29.6	30.8	30.1	31.2	31.6	28.6	29.8	29.0	30.2	30.6			
	12H	30.1	31.3	30.5	31.7	32.1	29.0	30.1	29.4	30.5	31.0			
4H	2H	26.1	27.4	26.5	27.8	28.2	25.8	27.1	26.2	27.4	27.8			
	3H	28.2	29.4	28.7	29.8	30.2	27.7	28.8	28.1	29.2	29.6			
	4H	29.3	30.4	29.8	30.8	31.2	28.6	29.7	29.1	30.1	30.5			
	6H	30.4	31.3	30.9	31.8	32.3	29.5	30.4	30.0	30.9	31.4			
	8H	30.9	31.8	31.4	32.3	32.8	30.0	30.8	30.4	31.3	31.8			
	12H	31.5	32.3	32.0	32.8	33.3	30.4	31.3	30.9	31.7	32.3			
8H	4H	29.7	30.5	30.2	31.0	31.5	29.1	29.9	29.6	30.4	30.9			
	6H	31.0	31.7	31.5	32.2	32.7	30.2	30.9	30.7	31.4	32.0			
	8H	31.7	32.3	32.2	32.8	33.4	30.8	31.5	31.3	32.0	32.6			
	12H	32.5	33.0	33.0	33.6	34.2	31.5	32.1	32.0	32.6	33.2			
12H	4H	29.7	30.5	30.2	31.0	31.5	29.1	30.0	29.7	30.4	31.0			
	6H	31.1	31.8	31.6	32.3	32.8	30.4	31.0	30.9	31.6	32.1			
	8H	31.9	32.5	32.4	33.0	33.6	31.1	31.7	31.6	32.2	32.8			
Variations with the observer position at spacings:														
S = 1.0H		+ 0.1 / - 0.1					+ 0.1 / - 0.2							
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3							
2.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.4							

CIE Pub.117 Corrected 3013 lm Total Lamp Luminous Flux. (8log(F/F0) = 3.8)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:22DEG
Operators:Go
Test Date:31 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:41%
Test Distance:7.710m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

NAME: TYP 591 15 01n	TYPE:	WEIGHT:
SPEC.:	DIM.: D230x250mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

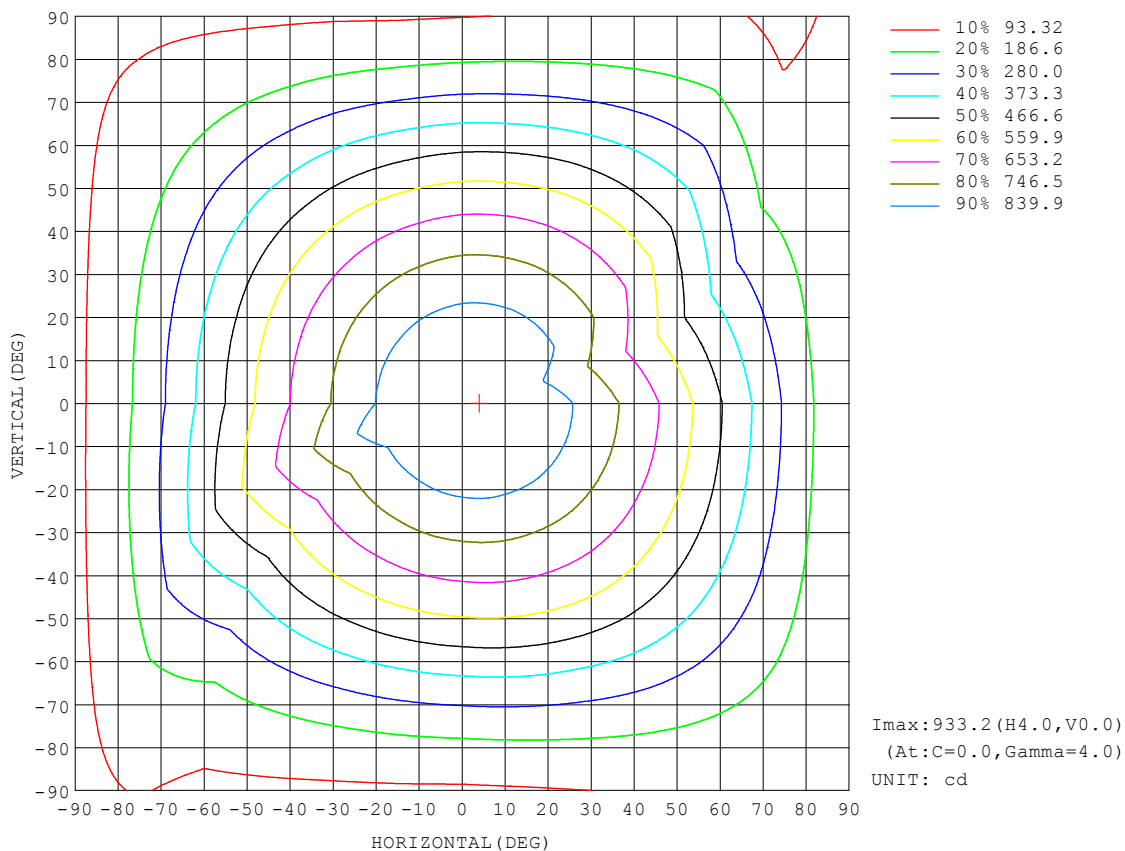
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k (RI) x RCR = 5									
k = 0.60	54	42	35	53	42	35	52	41	35	28
0.80	64	52	44	63	51	44	61	50	43	36
1.00	72	60	52	71	59	52	68	61	51	44
1.25	79	68	60	77	67	59	74	65	58	50
1.50	84	73	65	82	72	65	78	70	63	55
2.00	91	81	74	89	80	73	85	77	71	62
2.50	95	86	79	93	85	78	88	81	76	66
3.00	99	91	84	96	89	83	91	85	80	70
4.00	103	96	91	100	94	89	95	90	86	75
5.00	105	100	95	103	97	93	97	93	89	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: 22DEG
Operators: Go
Test Date: 31 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 41%
Test Distance: 7.710m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME: TYP 591 15 01n	TYPE:	WEIGHT:
SPEC.:	DIM.: D230x250mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

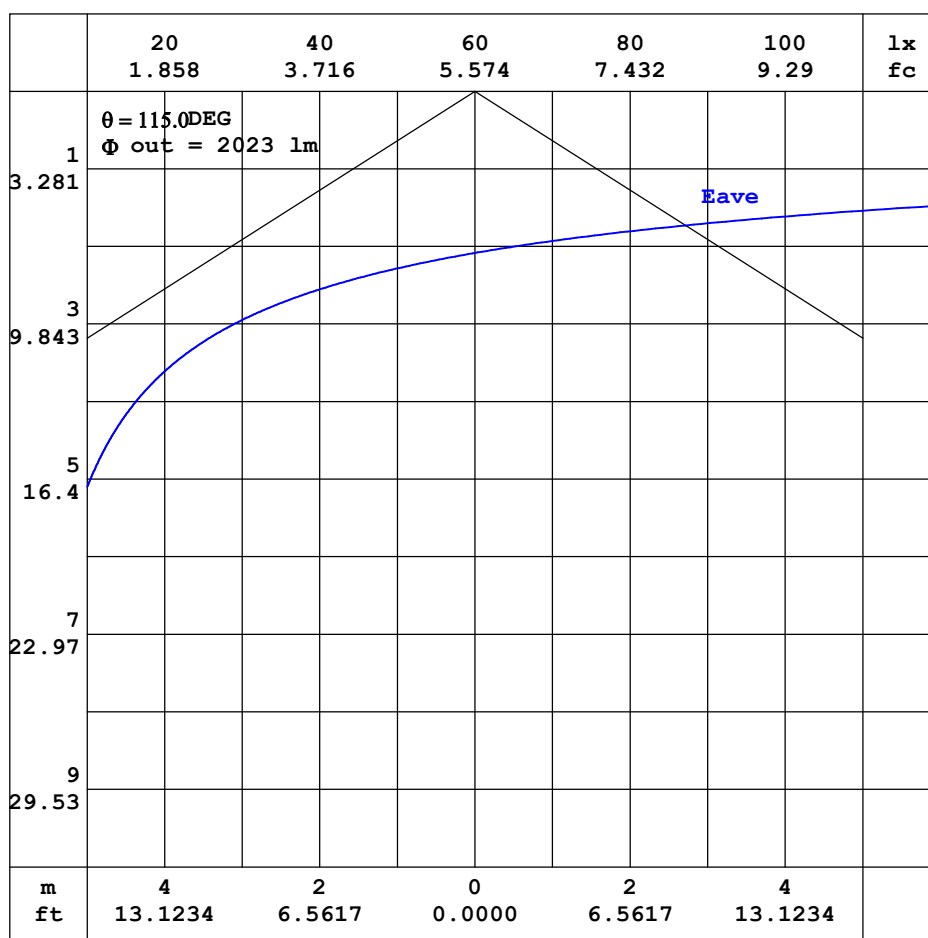


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:22DEG
Operators:Go
Test Date:31 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:41%
Test Distance:7.710m [K=1.0000]
Remarks:

AAI CURVES

NAME: TYP 591 15 01n	TYPE:	WEIGHT:
SPEC.:	DIM.: D230x250mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:



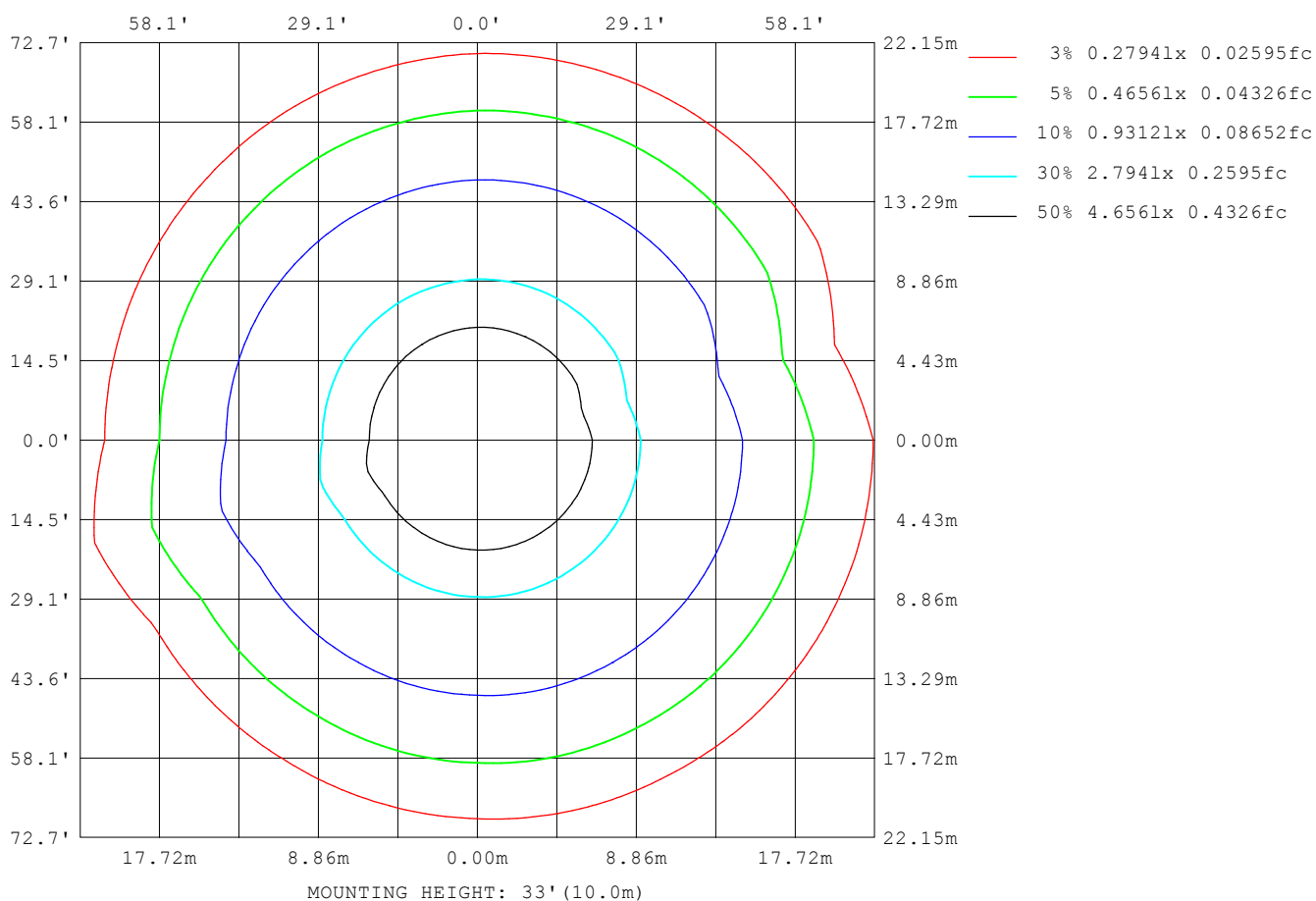
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 22DEG
 Operators: Go
 Test Date: 31 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 41%
 Test Distance: 7.710m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: TYP 591 15 01n	TYPE:	WEIGHT:
SPEC.:	DIM.: D230x250mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 22DEG
Operators: Go
Test Date: 31 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 41%
Test Distance: 7.710m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: TYP 591 15 01n	TYPE:	WEIGHT:
SPEC.:	DIM.: D230x250mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

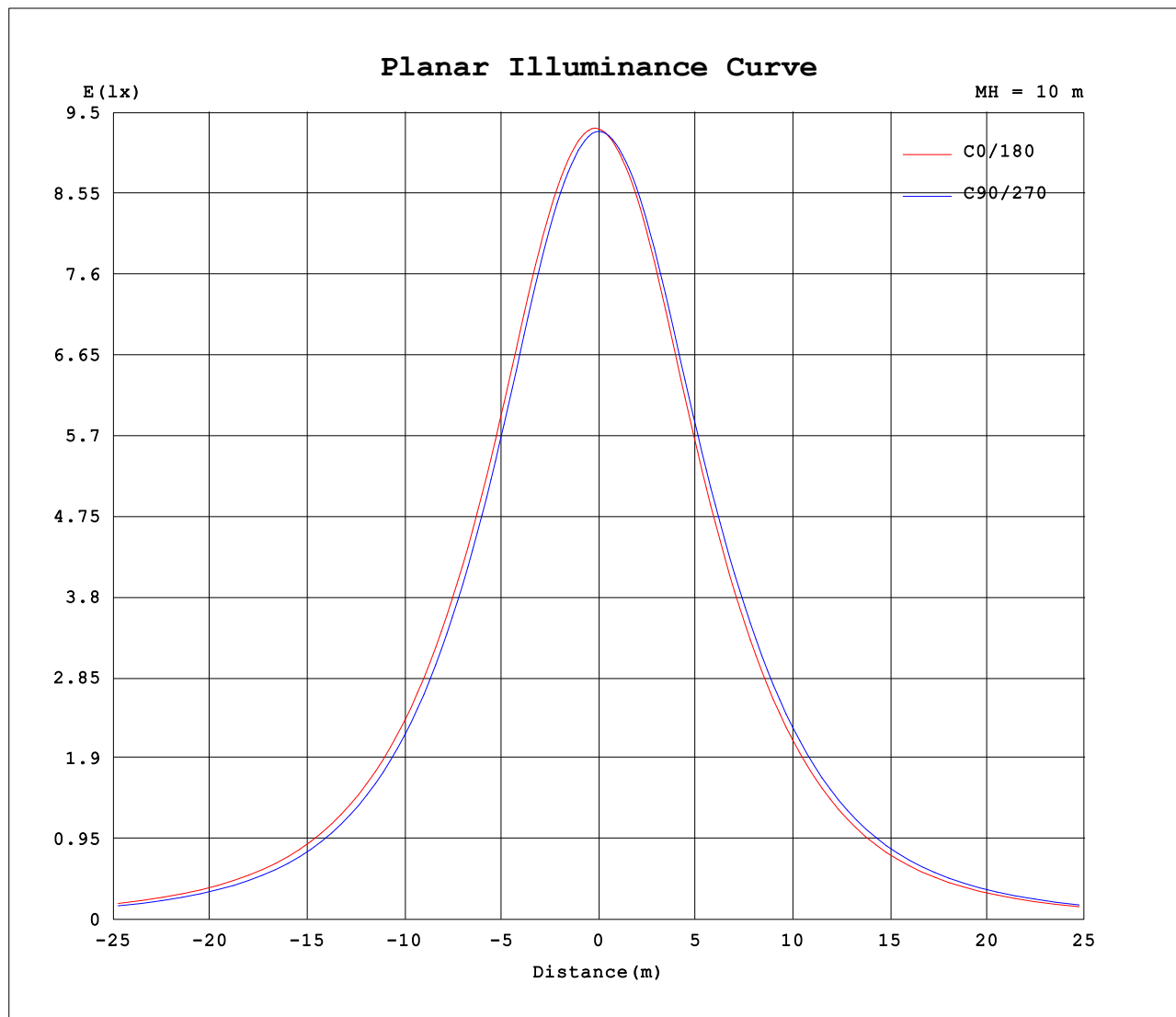
AvgL	cd/m2
L_0~180 (65) av	36385
L_0~180 (75) av	38291
L_0~180 (85) av	62676
L_90~270 (65) av	35773
L_90~270 (75) av	36887
L_90~270 (85) av	59117
L_45 (65) av	36114
L_45 (75) av	37513
L_45 (85) av	60817

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:22DEG
Operators:Go
Test Date:31 October 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:41%
Test Distance:7.710m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 22DEG
 Operators: Go
 Test Date: 31 October 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity: 41%
 Test Distance: 7.710m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TYP 591 15 01n	TYPE:	WEIGHT:
SPEC.:	DIM.: D230x250mm	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	931	931	930	929	929	929	928	928	927	927	927	927	931	931	930	929	929	929	928
5	933	932	931	929	927	925	923	921	919	918	917	927	921	920	921	921	922	923	925
10	926	925	923	920	917	913	910	907	904	903	902	918	905	905	905	907	909	911	915
15	911	910	907	903	898	894	888	884	880	878	877	903	879	878	879	881	886	890	895
20	884	883	879	875	868	862	854	849	844	841	839	879	841	840	842	846	852	857	864
25	846	846	841	836	827	820	812	806	800	797	796	843	797	797	800	804	811	817	825
30	804	802	798	792	782	775	766	759	753	751	750	800	751	751	755	761	768	775	784
35	760	758	753	746	736	729	719	712	705	703	702	755	703	704	709	715	724	732	741
40	714	711	706	698	688	679	668	660	653	651	650	707	652	653	658	665	675	684	694
45	662	660	654	646	636	626	614	606	599	597	597	657	598	599	603	610	621	630	640
50	606	604	598	591	579	568	555	546	539	537	536	604	536	536	540	548	558	568	580
55	542	540	534	526	514	502	488	479	472	470	468	543	467	468	472	480	490	501	513
60	473	472	466	458	445	433	419	410	403	401	400	476	399	400	405	412	422	432	444
65	406	405	399	389	374	364	351	343	336	334	333	408	333	333	338	345	355	364	375
70	338	337	330	319	305	295	283	277	270	269	268	341	267	267	272	278	288	295	305
75	271	270	262	252	240	230	220	215	209	207	207	274	205	205	209	215	223	229	238
80	208	207	199	191	181	172	164	160	155	153	153	204	152	152	154	159	166	170	178
85	153	152	146	140	132	125	119	117	113	111	111	142	109	109	112	115	120	123	129
90	110	109	104	99.6	93.2	88.2	84.5	84.6	82.8	81.0	77.9	97.0	79.2	79.6	81.9	84.0	87.1	87.5	91.5
95	81.4	80.0	75.0	71.0	66.4	63.3	61.9	63.8	62.8	60.7	56.9	67.9	58.0	58.7	61.7	63.3	65.5	63.9	65.8
100	62.0	60.1	54.5	50.9	47.7	46.4	47.4	49.8	49.0	46.8	42.4	49.0	43.0	44.0	47.4	48.6	50.1	47.5	47.6
105	47.5	45.2	40.3	36.6	34.2	34.4	36.6	39.2	38.6	36.2	31.3	35.2	31.6	33.1	36.4	37.3	38.1	35.2	34.0
110	36.4	34.1	29.4	26.0	24.4	25.5	28.3	30.9	30.6	27.9	23.0	24.8	22.6	24.5	27.7	28.6	29.0	25.9	24.0
115	28.0	25.4	21.4	18.0	16.7	18.8	21.9	24.0	23.9	21.3	17.0	17.0	15.9	18.2	20.9	21.6	21.5	18.8	16.5
120	21.0	18.8	15.4	11.7	10.7	13.8	16.5	18.3	18.4	15.7	12.3	12.1	10.7	13.3	14.5	16.0	15.4	13.7	11.2
125	15.5	13.8	10.8	4.56	6.77	9.66	11.5	13.0	12.3	4.97	5.91	8.28	6.76	8.12	8.92	4.85	9.34	9.27	7.73
130	8.66	8.50	4.90	4.98	5.02	6.01	7.05	7.13	5.31	5.36	5.35	5.58	5.82	5.96	5.30	5.17	5.14	5.94	5.60
135	5.27	5.31	5.30	5.38	5.41	5.51	5.55	5.65	5.67	5.74	5.73	5.30	5.73	5.65	5.64	5.54	5.50	5.41	5.38
140	5.65	5.69	5.68	5.75	5.78	5.88	5.91	6.01	6.02	6.10	6.09	5.69	6.06	6.01	6.00	5.91	5.86	5.76	5.71
145	6.04	6.06	6.05	6.12	6.13	6.22	6.26	6.34	6.35	6.44	6.42	6.07	6.40	6.35	6.34	6.25	6.21	6.11	6.07
150	6.38	6.41	6.39	6.45	6.47	6.55	6.59	6.65	6.65	6.73	6.72	6.42	6.71	6.65	6.66	6.58	6.53	6.46	6.41
155	6.70	6.72	6.70	6.75	6.76	6.84	6.87	6.91	6.91	6.98	6.99	6.75	6.98	6.93	6.93	6.83	6.81	6.72	6.73
160	6.95	6.97	6.95	7.02	7.01	7.10	7.07	7.13	7.12	7.21	7.21	7.03	7.19	7.16	7.16	7.07	7.04	6.97	6.96
165	7.17	7.20	7.18	7.26	7.24	7.30	7.27	7.33	7.33	7.40	7.40	7.25	7.38	7.34	7.38	7.28	7.26	7.17	7.19
170	7.40	7.43	7.41	7.47	7.45	7.48	7.46	7.50	7.51	7.57	7.57	7.46	7.56	7.51	7.54	7.47	7.45	7.38	7.40
175	7.58	7.63	7.59	7.65	7.61	7.63	7.60	7.65	7.63	7.70	7.68	7.67	7.70	7.68	7.68	7.63	7.63	7.57	7.58
180	7.64	7.72	7.72	7.73	7.70	7.70	7.70	7.70	7.70	7.75	7.71	7.71	7.72	7.75	7.75	7.71	7.71	7.70	7.70

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:22DEG

Operators:Go

Test Date:31 October 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

Humidity:41%

Test Distance:7.710m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: TYP 591 15 01n	TYPE:	WEIGHT:
SPEC.:	DIM.: D230x250mm	SERIAL No.:
MFR.: Elektrosvit Svatoborice, a.s.	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	928	927	927	927	927														
5	926	927	927	928	919														
10	917	919	920	920	902														
15	898	902	904	905	873														
20	869	873	876	877	835														
25	831	837	839	840	792														
30	790	795	798	798	749														
35	747	753	755	756	701														
40	700	706	709	709	649														
45	648	654	657	657	592														
50	588	596	599	600	526														
55	522	530	533	535	458														
60	452	461	465	467	391														
65	381	389	397	399	323														
70	312	320	327	331	257														
75	245	252	258	264	196														
80	185	190	195	200	143														
85	134	139	143	146	103														
90	95.6	99.6	102	105	76.5														
95	68.1	71.1	73.6	76.7	58.7														
100	49.0	51.2	54.0	57.8	45.2														
105	34.7	36.5	40.2	44.1	35.0														
110	24.5	26.1	29.9	33.8	26.8														
115	16.8	18.2	22.3	25.9	20.0														
120	11.1	12.9	15.8	19.1	14.7														
125	6.84	7.03	4.43	12.9	8.27														
130	5.19	4.90	4.77	4.81	6.00														
135	5.27	5.22	5.17	5.20	5.64														
140	5.62	5.61	5.55	5.58	5.99														
145	5.99	5.99	5.94	5.95	6.32														
150	6.34	6.34	6.28	6.31	6.64														
155	6.67	6.67	6.61	6.62	6.88														
160	6.93	6.95	6.88	6.89	7.11														
165	7.16	7.22	7.14	7.16	7.29														
170	7.36	7.42	7.37	7.35	7.47														
175	7.54	7.60	7.58	7.03	7.62														
180	7.70	7.70	7.72	7.73	7.63														

C Range: 0 - 360DEG

C Interval: 15.0DEG

Test Speed: HIGH

Temperature:22DEG

Operators:Go

Test Date:31 October 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

Humidity:41%

Test Distance:7.710m [K=1.0000]

Remarks: