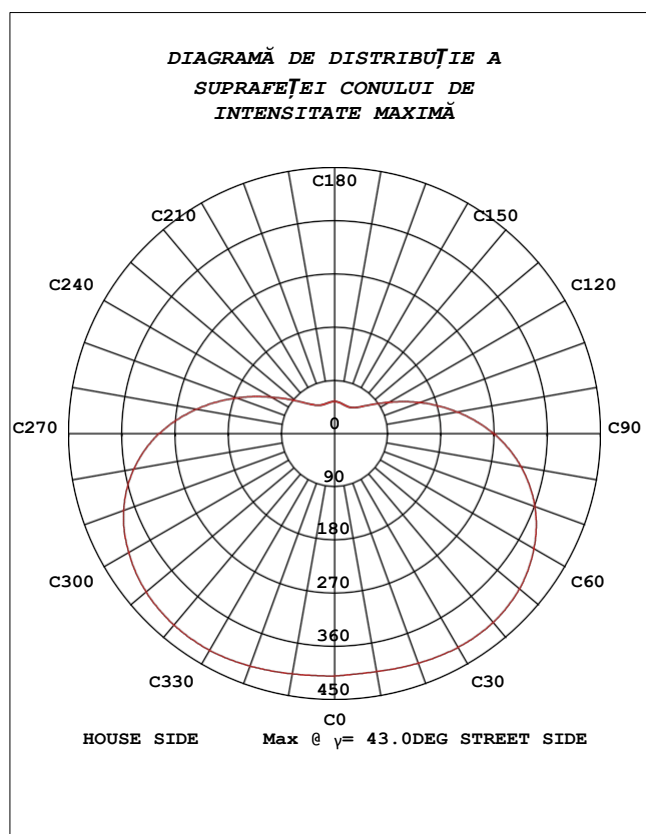
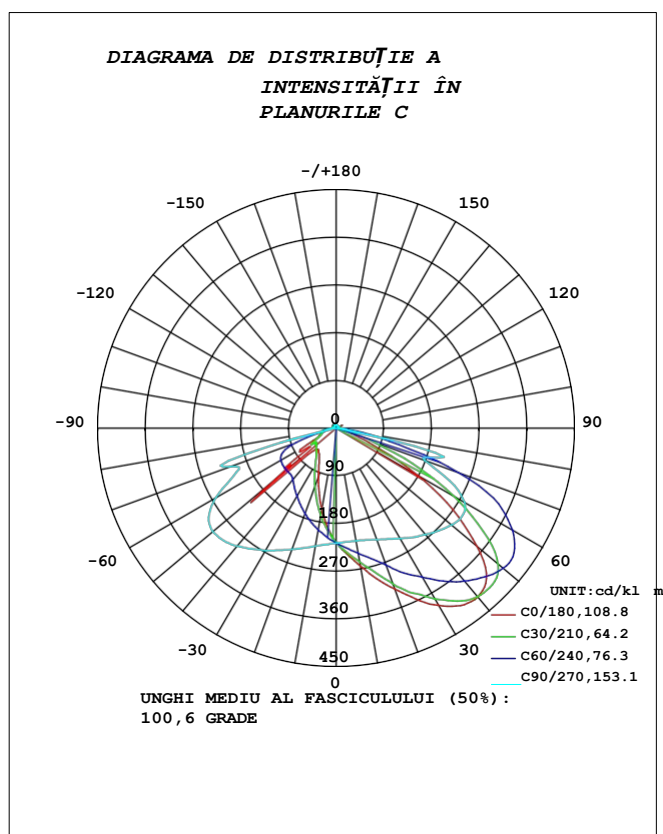


RAPORT DE TESTARE FOTOMETRICĂ A ILUMINATULUI STRADAL

Test: U: 0V I: 0A P: 0W PF: 0 Frecvență: 0Hz		Fluxul lămpii: 4074.21x1 lm	
NUME: LED	TIP: LED		
MFR.:	DIM.:		
	SUR.:		

DATE ALE LĂMPII		DATE FOTOMETRICE			
MODEL	SSL-34M	I _{max} (cd/klm)	423.3	η _{street_up} (%)	1.7
PUTERE NOMINALĂ (W)		LOR (%)	100.0	η _{street_down} (%)	51.8
TENSIUNE NOMINALĂ (V)		FLUX TOTAL (lm/klm)	1000	η _{house_up} (%)	1.9
FLUX NOMINAL (lm)	4074.21	MAXIM @ (C, γ)	330, 43.0	η _{casa_jos} (%)	44.6
LĂMPI ÎN INTERIOR	1	η _{up} (%)	3.6	76 FLASHAREA (m2)	
DE ÎNCERCARE (V)		η _{în jos} (%)	96.4	SLI	

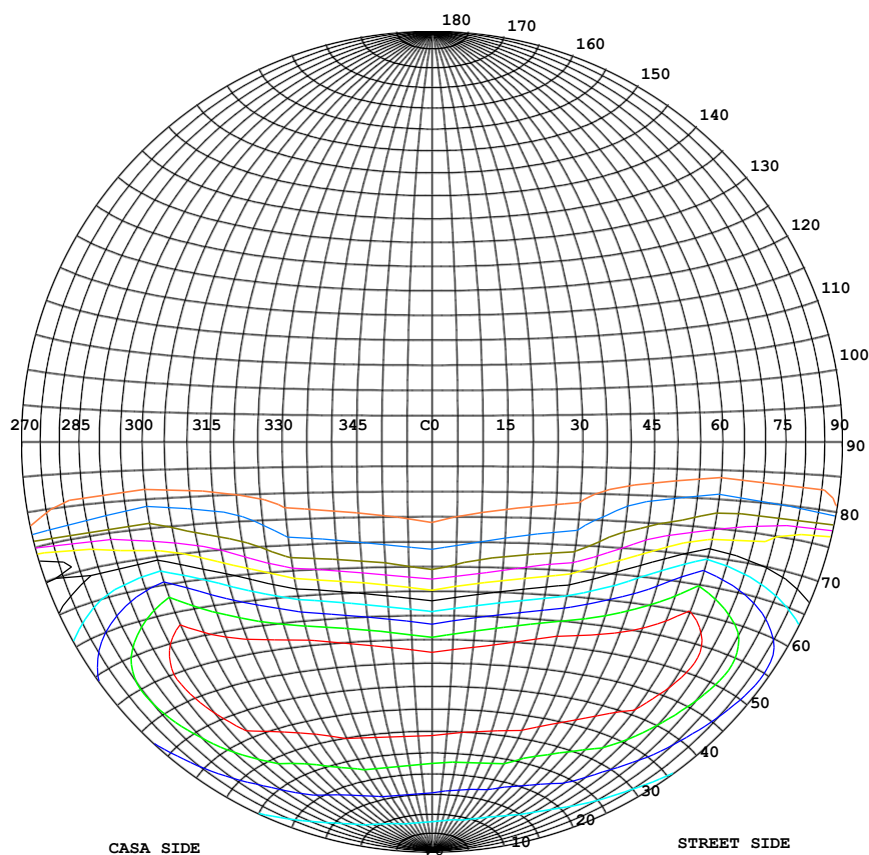


C Interval: 0 -
360 DEG
C Interval: 30.0 DEG
Viteza de testare:
HIGH Temperatura:
25.3 DEG Operatori:
DAMIN
Data testului: 2020-
03-10

γ Interval: 0 -
180 DEG
γ Interval: 1.0 DEG
Sistem de testare: EVERFINE GO-2000B_V1 SYSTEM
Viteză de testare: 165,0%
Distanța de testare: 8.000m
[K=0.7063] Observații:

DIAGRAMA ISOCANDELA A ILUMINATULUI STRADAL

Test: U:0V I:0A P:0W PF:0 Frecvență:0HZ		Fluxul lămpii: 4074.21x1 lm
NUME: LED	TIP: LED	
MFR.:	DIM.:	
	SUR.:	



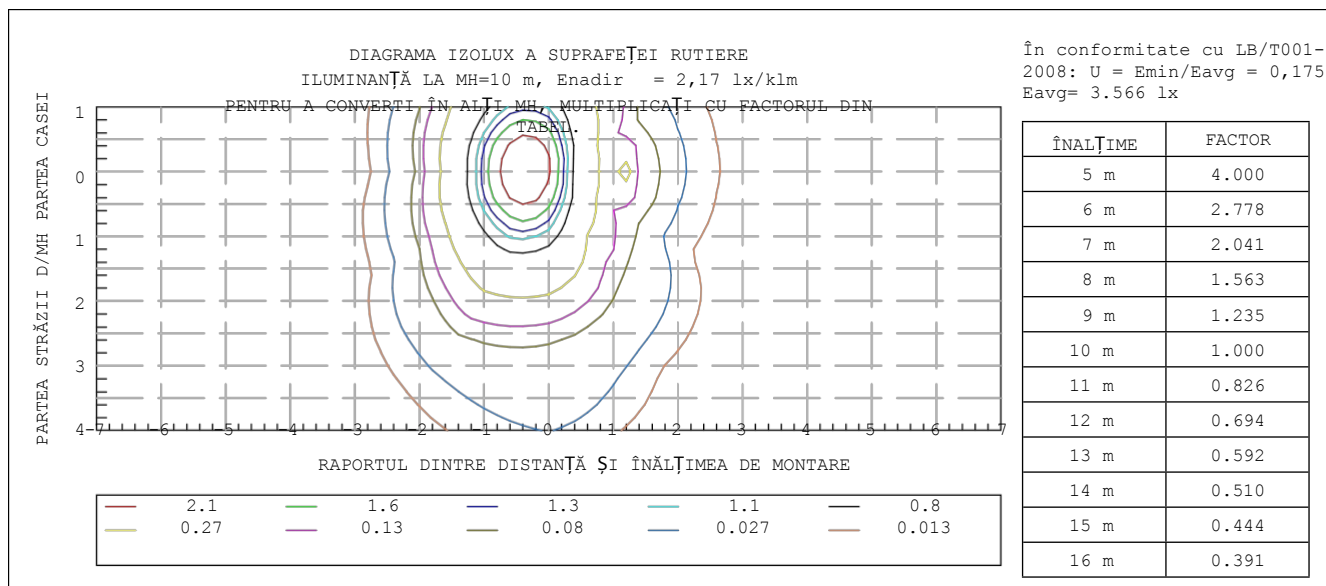
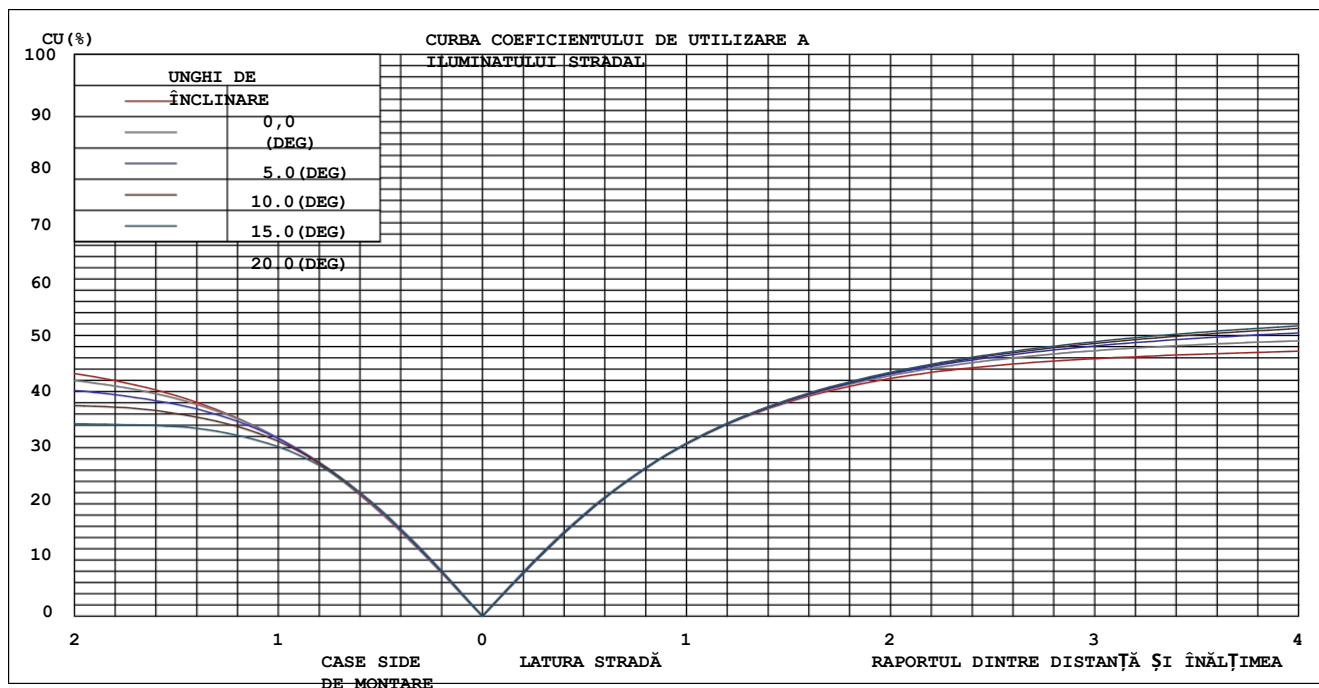
Clasificare:

IES: Tip III - Foarte scurt
CIE: Larg - Scurt IES: Cut-off
CIE: Semi-cut-off
Max. At80: 51.77cd/klm
Max. At90: 6.828cd/klm
Max. 80-90: 51.77cd/klm
NRB 5101: Limited[2.8%]

DIAGRAMA IZOCANDELA	
UNITATE	cd/klm
Imax=100%	423
90%	381
80%	339
70%	296
60%	254
50%	212
40%	169
30%	127
20%	85
10%	42
5%	21

C Interval: 0 -
360DEG
C Interval: 30.0DEG
Viteza de testare:
HIGH Temperatura:
25.3DEG Operatori:
DAMIN
Data testului: 2020-
03-10

Interval: 0 -
180DEG
Interval: 1.0DEG
Sistem de testare: EVERFINE GO-2000B_V1 SYSTEM
Viteza de testare: 165,0%
Distanța de testare: 8.000m
[K=0.7063] Observații:

CURBA COEFICIENTULUI DE UTILIZARE ȘI
DIAGRAMA ISOLUX

C Interval: 0 -
360DEG
C Interval: 30.0DEG
Viteza de testare:
HIGH Temperatura:
25.3DEG Operatori:
DAMIN
Data testului: 2020-
03-10

Interval: 0 -
180DEG
Interval: 1.0DEG
Sistem de testare: EVERFINE GO-2000B_V1 SYSTEM
Viteza de testare: 165,0%
Distanța de testare: 8.000m
[K=0.7063] Observații:

DIAGRAMA FLUXULUI ZONAL

Test: U: 0V I: 0A P: 0W PF: 0 Frecvență: 0HZ		Fluxul lămpii: 4074.21x1 lm	
NUME: LED	TIP: LED		
MFR.:	DIM.:		
	SUR.:		

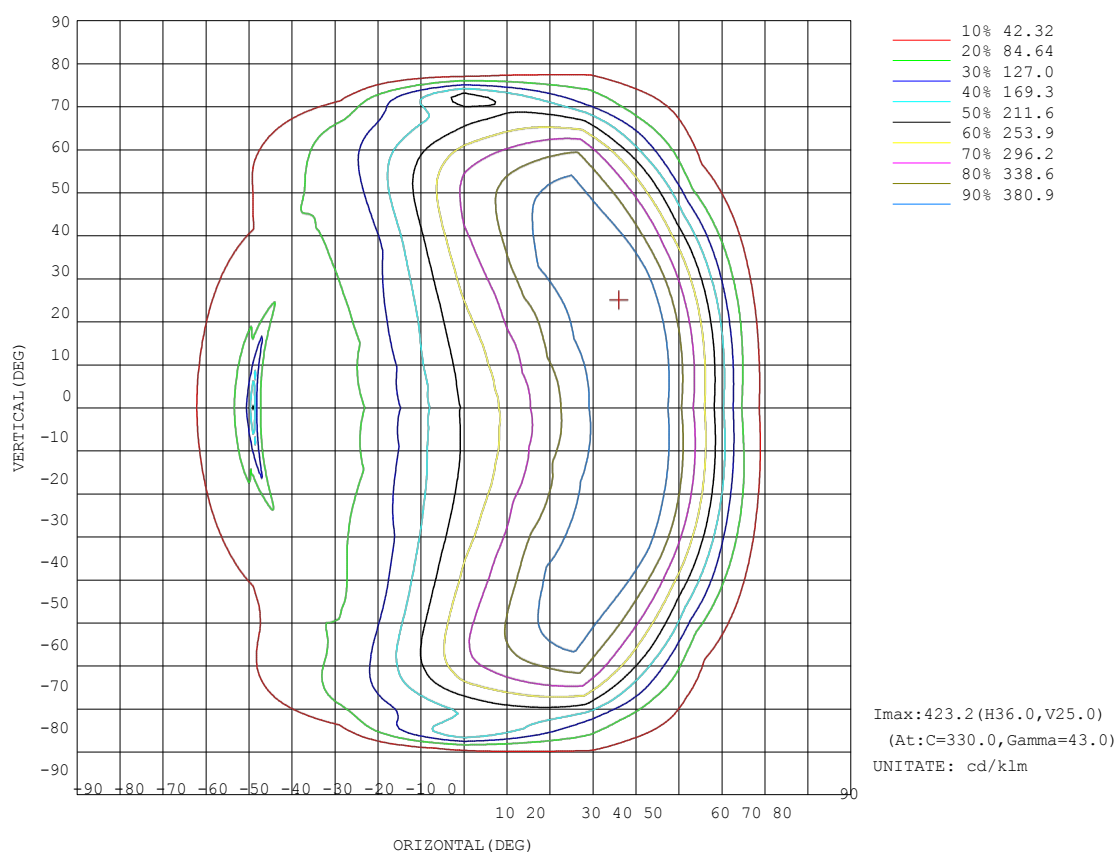
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zona φ	φ total	%lum, lămpă
10	263.8	248.0	216.0	177.6	156.0	181.1	226.1	255.5	0- 10	20.60	20.60	2.06, 2.06
20	323.3	293.8	224.0	137.9	97.86	144.8	243.5	309.4	10- 20	61.81	82.41	8.24, 8.24
30	385.8	348.4	240.3	106.3	64.70	113.6	266.5	363.2	20- 30	105.7	188.1	18.8, 18.8
40	415.9	395.8	261.9	84.60	52.87	92.88	290.7	407.3	30- 40	152.6	340.7	34.1, 34.1
50	346.7	405.1	284.3	70.93	148.0	85.97	303.7	402.4	40- 50	194.6	535.3	53.5, 53.5
60	174.9	319.6	279.9	70.96	63.65	82.04	262.1	304.3	50- 60	201.9	737.2	73.7, 73.7
70	31.45	156.6	177.2	59.61	28.31	54.38	212.9	128.0	60- 70	146.8	884.0	88.4, 88.4
80	11.82	34.70	35.79	20.33	10.55	24.01	18.20	24.19	70- 80	66.95	951.0	95.1, 95.1
90	3.896	5.742	5.559	5.666	4.891	5.548	5.160	6.218	80- 90	13.32	964.3	96.4, 96.4
100	4.112	4.925	4.673	5.204	5.247	5.443	4.820	5.152	90-100	5.856	970.2	97, 97
110	3.884	4.060	4.642	6.011	6.563	6.196	4.662	4.368	100-110	5.187	975.4	97.5, 97.5
120	4.581	4.110	5.001	6.865	7.778	7.003	4.870	4.373	110-120	5.859	981.2	98.1, 98.1
130	3.442	4.006	5.173	7.220	7.680	7.360	5.186	4.341	120-130	5.011	986.2	98.6, 98.6
140	3.880	4.566	5.526	7.507	7.575	7.521	5.460	4.834	130-140	4.442	990.7	99.1, 99.1
150	5.140	5.151	5.825	7.662	9.348	7.512	5.824	5.322	140-150	3.917	994.6	99.5, 99.5
160	5.697	5.465	6.241	7.181	7.684	7.155	6.183	5.543	150-160	2.955	997.5	99.8, 99.8
170	6.207	5.976	6.482	7.009	7.416	7.008	6.419	5.953	160-170	1.827	999.4	99.9, 99.9
180	6.865	6.524	6.499	6.470	6.869	6.519	6.495	6.479	170-180	0.6269	1000	100, 100
DEG	INTENSITATEA LUMINOASĂ: cd/klm									UNITATE: lm/klm		

C Interval: 0 -
 360DEG
 C Interval: 30.0DEG
 Viteza de testare:
 HIGH Temperatura:
 25.3DEG Operatori:
 DAMIN
 Data testului: 2020-
 03-10

γ Interval: 0 -
 180DEG
 γ Interval: 1.0DEG
 Sistem de testare: EVERFINE GO-2000B_V1 SYSTEM
 Viteza de testare: 165,0%
 Distanța de testare: 8.000m
 [K=0.7063] Observații:

DIAGRAMA IZOCANDELA

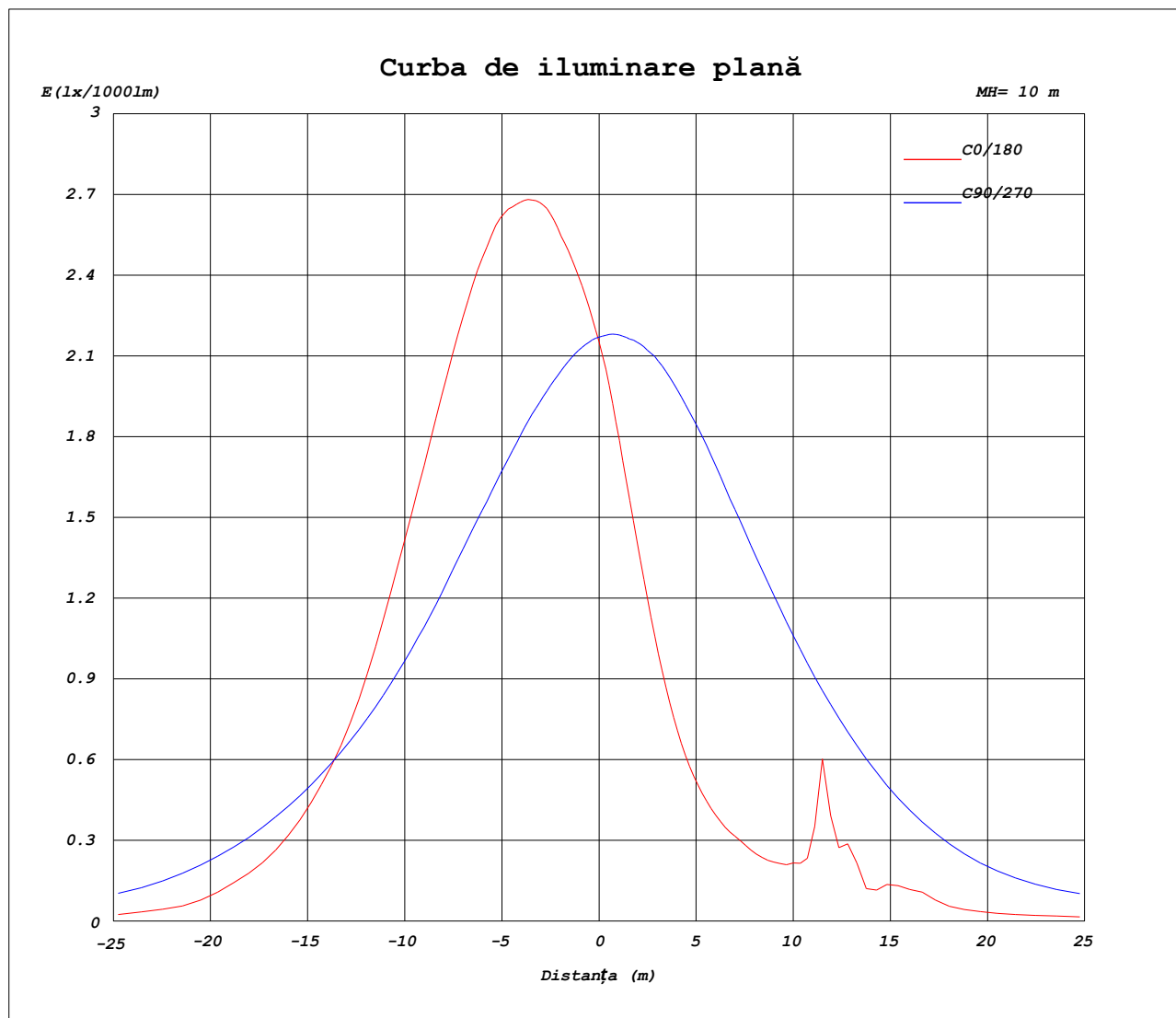
Test: U: 0V I: 0A P: 0W PF: 0 Frecvență: 0HZ		Fluxul lămpii: 4074.21x1 lm
NUME: LED	TIP: LED	
MFR.:	DIM.:	
	SUR.:	



C Interval: 0 -
360DEG
C Interval: 30.0DEG
Viteza de testare:
HIGH Temperatura:
25.3DEG Operatori:
DAMIN
Data testului: 2020-
03-10

Interval: 0 -
180DEG
Interval: 1.0DEG
Sistem de testare: EVERFINE GO-2000B_V1 SYSTEM
Viteza de testare: 165,0%
Distanța de testare: 8.000m
[K=0.7063] Observații:

Curba de iluminare plană



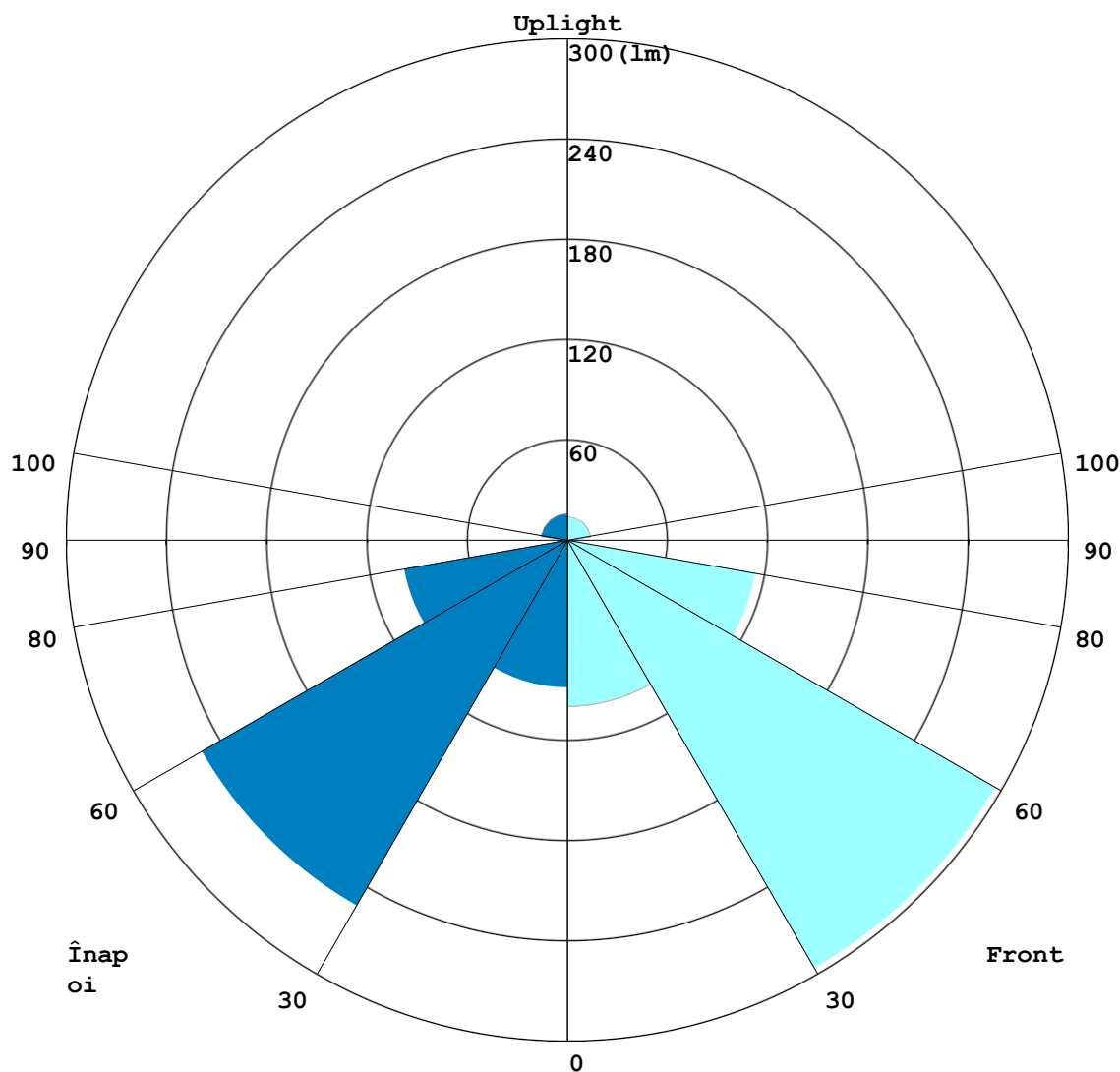
C Interval: 0 -
360DEG
C Interval: 30.0DEG
Viteza de testare:
HIGH Temperatura:
25.3DEG Operatori:
DAMIN
Data testului: 2020-
03-10

Interval: 0 -
180DEG
Interval: 1.0DEG
Sistem de testare: EVERFINE GO-2000B_V1 SYSTEM
Viteza de testare: 165,0%
Distanța de testare: 8.000m
[K=0.7063] Observații:

RAPORT LCS

Test: U:0V I:0A P:0W PF:0 Frecvență:0HZ		Fluxul lămpii: 4074.21x1 lm
NUME: LED	TIP: LED	
MFR.:	DIM.:	
	SUR.:	

GRAFICUL SISTEMULUI DE CLASIFICARE A CORPURILOR DE ILUMINAT (LCS)



C Interval: 0 -
360DEG
C Interval: 30.0DEG
Viteza de testare:
HIGH Temperatura:
25.3DEG Operatori:
DAMIN
Data testului: 2020-
03-10

Interval: 0 -
180DEG
Interval: 1.0DEG
Sistem de testare: EVERFINE GO-2000B_V1 SYSTEM
Viteza de testare: 165,0%
Distanța de testare: 8.000m
[K=0.7063] Observații:

RAPORT BUG

Test: U:0V I:0A P:0W PF:0 Frecvență:0HZ		Fluxul lămpii: 4074.21x1 lm
NUME: LED	TIP: LED	
MFR.:	DIM.:	
	SUR.:	

Tabelul IESNA de distribuție a fluxului corpurilor de iluminat:

Zona	Lumeni	Corp de iluminat %
FL - Front-Low (0-30)	99.801	10.0
FM - Front-Mediu (30-60)	296.17	29.6
FH - Front-High (60-80)	114.5	11.4
FVH - Front-Very High (80-90)	7.3608	0.7
Lumină totală înainte	534.85	53.5

BL - Înapoi-jos (0-30)	88.279	8.8
BM - Spate-Mediu (30-60)	252.99	25.3
BH - Back-High (60-80)	99.259	9.9
BVH - Înapoi foarte înalt (80-90)	5.963	0.6
Lumina din spate totală	465.15	46.5

UL - Uplight-Low (90-100)	5.8558	0.6
UH - Uplight-High (100-180)	29.825	3.0
Lumină totală sus	35.681	3.6

Evaluare BUG (spate, sus, strălucire)	B1-U2-G0
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Zona	În jos Lumeni	În sus Lumeni	Total Lumeni
Partea casei	446.49	18.663	465.15
Latura străzii	517.83	17.018	534.85

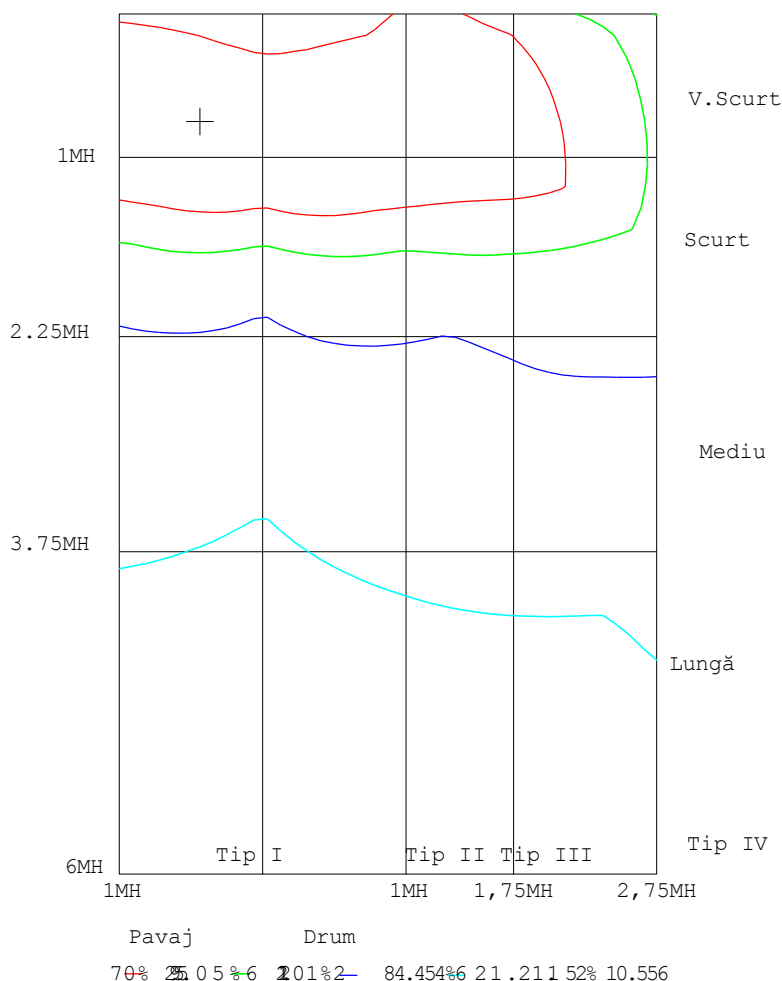
C Interval: 0 -
360DEG
C Interval: 30.0DEG
Viteza de testare:
HIGH Temperatura:
25.3DEG Operatori:
DAMIN
Data testului: 2020-
03-10

Interval: 0 -
180DEG
Interval: 1.0DEG
Sistem de testare: EVERFINE GO-2000B_V1 SYSTEM
Viteza de testare: 1165,0%
Distanța de testare: 8.000m
[K=0.7063] Observații:

RAPORT ISOCANDELA RUTIER

Test: U: 0V I: 0A P: 0W PF: 0 Frecvență: 0HZ		Fluxul lămpii: 4074.21x1 lm
NUME: LED	TIP: LED	
MFR.:	DIM.:	
	SUR.:	

DIAGRAMA IZOCANDELA A SUPRAFEȚEI DRUMULUI



C Interval: 0 -
360DEG
C Interval: 30.0DEG
Viteza de testare:
HIGH Temperatura:
25.3DEG Operatori:
DAMIN
Data testului: 2020-
03-10

Interval: 0 -
180DEG
Interval: 1.0DEG
Sistem de testare: EVERFINE GO-2000B_V1 SYSTEM
Viteza de testare: 165,0%
Distanța de testare: 8.000m
[K=0.7063] Observații:

DATE PRIVIND INTENSITATEA DISTRIBUȚIEI LUMINOASE

Test:U:0V I:0A P:0W PF:0 Frecvență:0HZ				Fluxul lămpii: 4074.21x1 lm			
NUME: LED				TIP:LED			
MFR.:				DIM.:			
				SUR.:			

Tabel--1

UNITATE: cd/klm

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	215	216	216	217	217	217	215	216	216	217	217	217							
5	239	236	227	216	203	193	188	193	206	221	232	239							
10	264	256	240	216	189	166	156	167	195	226	248	263							
15	294	281	255	219	175	139	125	142	184	234	268	291							
20	323	313	275	224	162	114	97.9	118	172	244	293	326							
25	356	344	302	231	150	92.2	77.4	96.3	160	254	318	354							
30	386	372	325	240	136	76.4	64.7	79.0	148	267	345	381							
35	409	398	352	252	124	65.6	57.6	65.5	137	278	374	406							
40	416	415	377	262	113	56.5	52.9	58.7	127	291	393	421							
45	401	417	396	274	102	50.1	61.3	53.8	123	300	406	421							
50	347	399	411	284	96.4	45.4	148	49.2	123	304	411	394							
55	269	339	410	290	95.5	44.1	62.0	49.7	123	294	397	324							
60	175	256	384	280	97.5	44.4	63.6	43.4	121	262	366	243							
65	76.8	160	338	237	100	28.6	34.1	32.9	112	214	307	140							
70	31.4	67.1	246	177	94.2	25.0	28.3	28.2	80.5	213	201	55.4							
75	19.4	31.5	123	211	51.0	22.4	23.7	26.9	26.4	124	94.7	27.4							
80	11.8	17.6	51.8	35.8	18.8	21.8	10.5	25.0	23.0	18.2	32.1	16.3							
85	7.12	10.4	17.4	16.3	12.2	13.9	6.73	9.85	8.22	10.6	12.9	10.0							
90	3.90	5.23	6.25	5.56	5.55	5.78	4.89	5.98	5.11	5.16	6.83	5.61							
95	4.09	4.49	5.87	4.17	5.42	6.13	5.12	5.83	5.85	5.79	6.28	5.54							
100	4.11	4.95	4.90	4.67	4.96	5.45	5.25	5.80	5.09	4.82	5.07	5.23							
105	3.52	4.26	4.19	4.25	5.27	5.82	5.55	6.17	5.51	4.42	4.50	4.68							
110	3.88	3.96	4.16	4.64	5.71	6.32	6.56	6.54	5.85	4.66	4.19	4.54							
115	9.63	7.70	3.99	4.90	6.15	7.02	7.46	7.38	6.22	4.74	4.09	7.30							
120	4.58	4.27	3.95	5.00	6.42	7.31	7.78	7.49	6.51	4.87	4.10	4.65							
125	3.80	3.76	4.11	5.06	6.63	7.67	8.07	7.86	6.70	5.03	4.26	4.29							
130	3.44	3.67	4.34	5.17	6.80	7.64	7.68	7.89	6.83	5.19	4.52	4.16							
135	3.54	3.87	4.56	5.36	6.93	7.72	7.47	7.92	6.90	5.33	4.71	4.39							
140	3.88	4.27	4.86	5.53	7.08	7.93	7.57	8.00	7.05	5.46	5.01	4.65							
145	4.46	4.83	5.03	5.67	7.17	8.51	8.20	8.37	6.98	5.64	5.18	5.14							
150	5.14	5.17	5.13	5.82	6.88	8.45	9.35	8.25	6.78	5.82	5.26	5.39							
155	5.48	5.32	5.29	5.99	6.90	7.79	8.18	7.68	6.89	6.02	5.52	5.46							
160	5.70	5.44	5.49	6.24	6.93	7.43	7.68	7.43	6.88	6.18	5.60	5.49							
165	5.92	5.63	5.75	6.38	6.97	7.26	7.53	7.32	6.91	6.32	5.82	5.62							
170	6.21	5.92	6.03	6.48	6.92	7.10	7.42	7.18	6.84	6.42	6.03	5.87							
175	6.51	6.27	6.27	6.53	6.75	6.86	7.24	6.96	6.70	6.48	6.28	6.18							
180	6.87	6.59	6.46	6.50	6.47	6.47	6.87	6.58	6.45	6.50	6.49	6.47							

C Interval: 0 -
360DEG
C Interval: 30.0DEG
Viteza de testare:
HIGH Temperatura:
25.3DEG Operatori:
DAMIN
Data testului: 2020-
03-10

γ Interval: 0 -
180DEG
γ Interval: 1.0DEG
Sistem de testare: EVERFINE GO-2000B_V1 SYSTEM
Viteza de testare: 165,0%
Distanța de testare: 8.000m
[K=0.7063] Observații: