

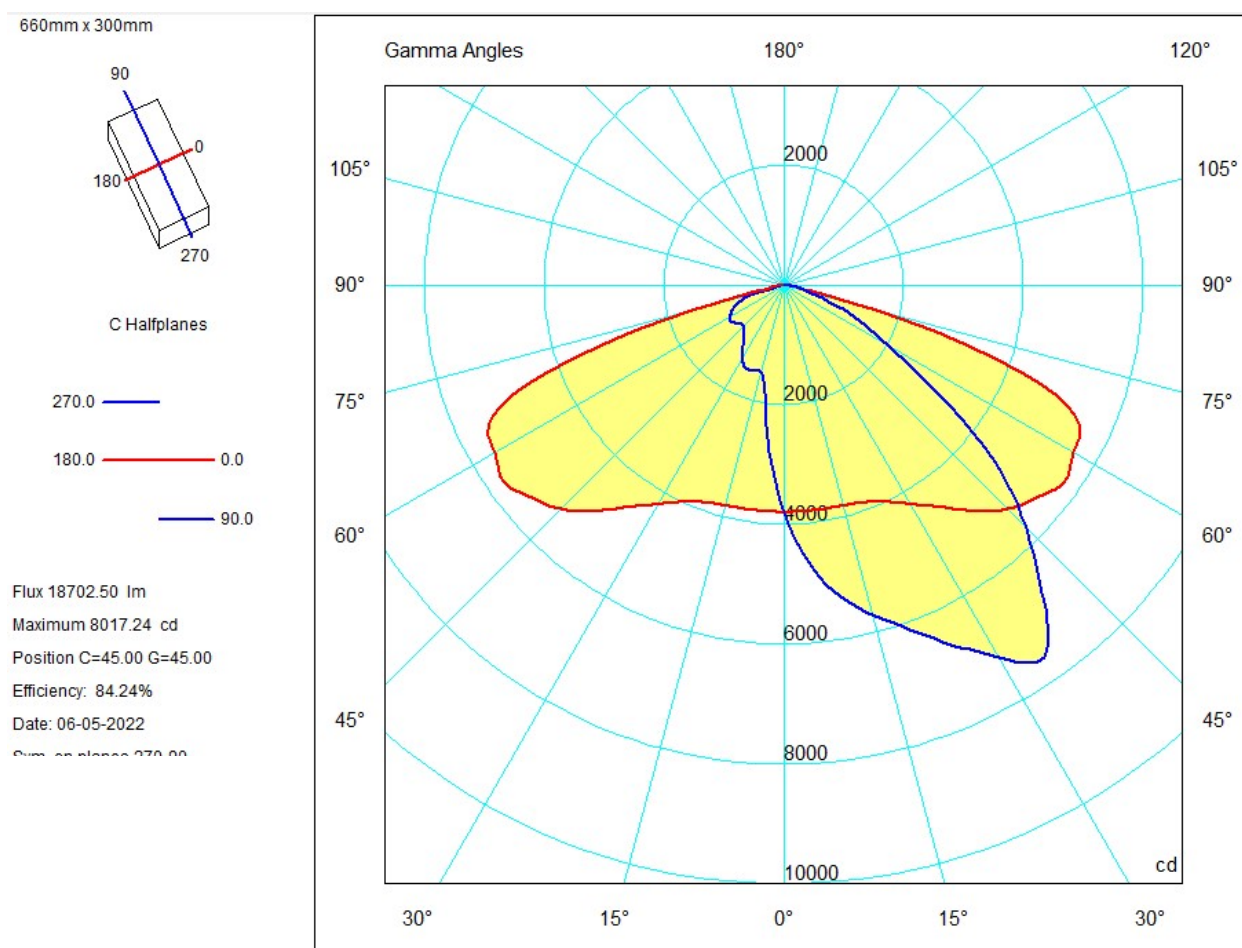
Buletin de încercare nr. 0390-22/06.05.2022

DISTRIBUȚIA INTENSITĂȚII LUMINOASE

Produsul: VOLTAMPERA 02 LED 15750LM 105W 740 TP3
Scopul: VALIDARE
Sursa de lumină: PCBA 2X8LED AL 5050H 740
Dispersorul: DISPERSOR STICLA SECURIZATA + SM-DK-5050-145X70-TPIII-M-4H1
Reflectorul: -

Buletinul se referă strict la mostrele încercate și se interzice reproducerea lui parțială.

Observații: Led driver TRIDONIC LCO135/200-1050/64 NFCADV3
Temperatura de culoare măsurată $T_K = 4000K$, CRI = 70, PUTERE 105W, FLUX BRUT 15754 LM, FLUX NET 18703 LM;



ȘEF LABORATOR FOTOMETRIC

Ing. Alexandru POPESCU
LABORATOR FOTOMETRIC
ELECTROBANAT
Timișoara

INTOCMIT DE:

ing. Mariana BARBU

TABEL CU VALORILE INTENSITĂȚII LUMINOASE

$\gamma[^\circ]$	$C[^\circ]$	$I_{\text{transversal}}[\text{cd}]$	$I_{\text{longitudinal}}[\text{cd}]$	
			I_{90}	I_{270}
0		3783.84	3783.84	3783.84
5		3783.84	4645.50	2791.05
10		3783.84	5244.92	1816.99
15		3802.57	5694.49	1498.55
20		3858.76	6106.59	1517.28
25		3989.89	6612.35	1517.28
30		4214.67	7174.30	1386.16
35		4514.38	7567.67	1180.11
40		4907.75	6706.01	1048.98
45		5282.38	5713.22	955.32
50		5507.17	4589.31	992.79
55		5713.22	3109.49	1067.72
60		5582.09	1985.58	1030.25
65		5432.24	1404.89	955.32
70		4214.67	842.93	805.47
75		1592.21	487.03	524.49
80		337.17	243.51	131.12
85		149.85	93.66	56.20
90		74.93	56.20	56.20

DIAGRAMA ISOLUX

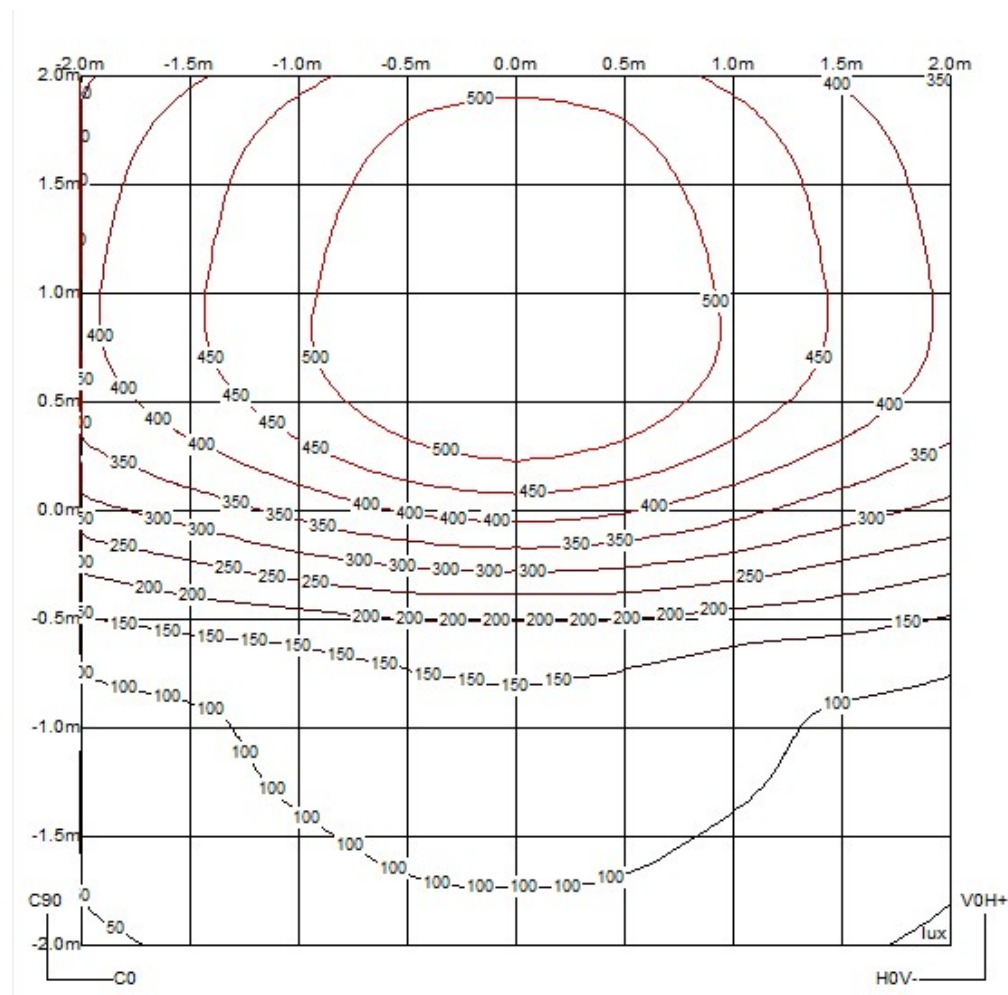
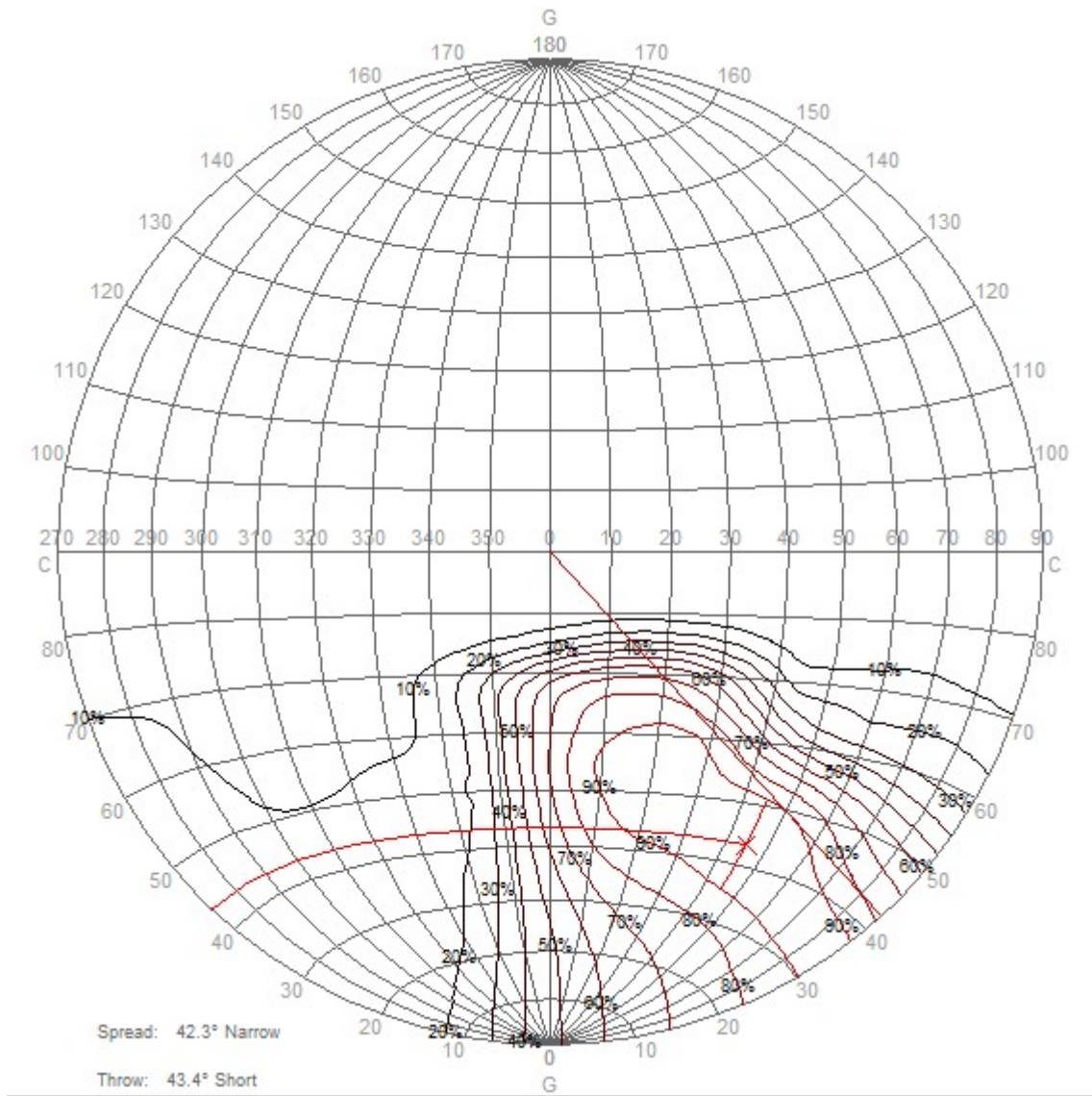


DIAGRAMA ISOCANDELA



CURBA K

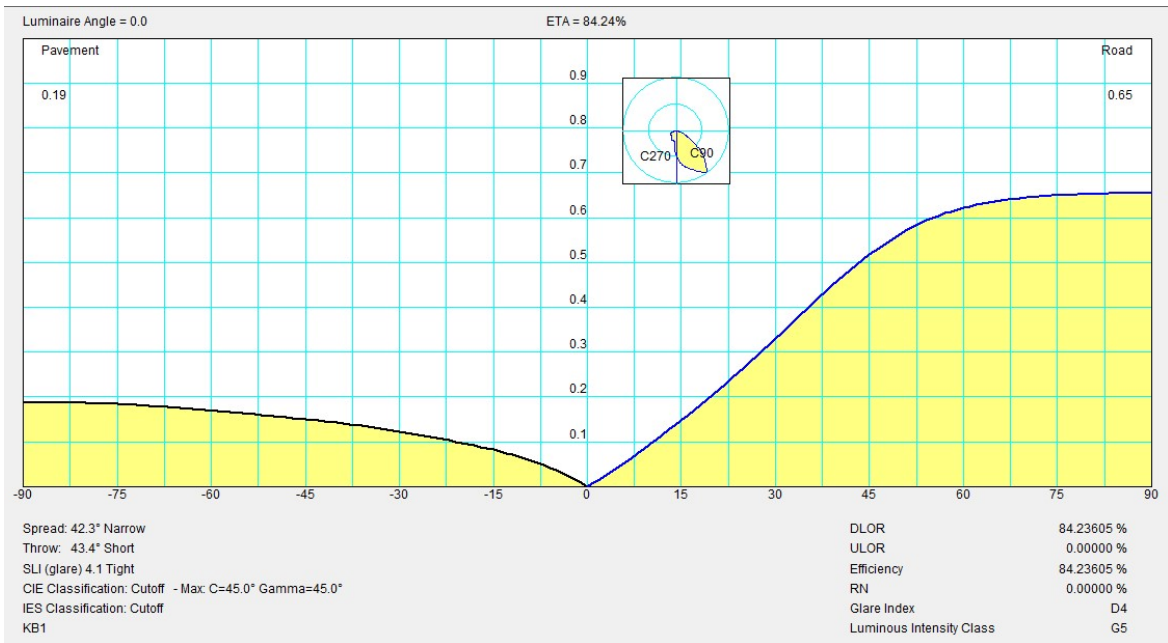
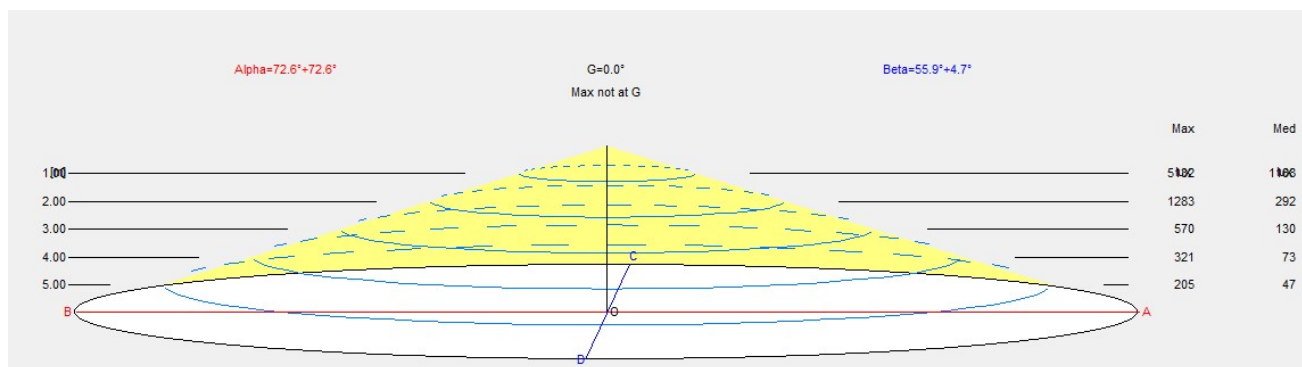


DIAGRAMA UNGHIULUI DE FASCICUL



CLASIFICAREA SISTEMULUI DE ILUMINAT

Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° – 30°	2293.5 lm	12.3 %	14.6 %
FM	30° – 60°	7368.1 lm	39.4 %	46.8 %
FH	60° – 80°	2499.9 lm	13.4 %	15.9 %
FVH	80° – 90°	84.3 lm	0.5 %	0.5 %
BL	0° – 30°	871.5 lm	4.7 %	5.5 %
BM	30° – 60°	1669.5 lm	8.9 %	10.6 %
BH	60° – 80°	902.2 lm	4.8 %	5.7 %
BVH	80° – 90°	65.3 lm	0.3 %	0.4 %
UL	90° – 100°	0.0 lm	0.0 %	0.0 %
UH	100° – 180°	0.0 lm	0.0 %	0.0 %
TOTALS		15754.2 lm	84.2 %	100.0 %

BUG : B2 U0 G2 Type II Very Short Assymetrical

