

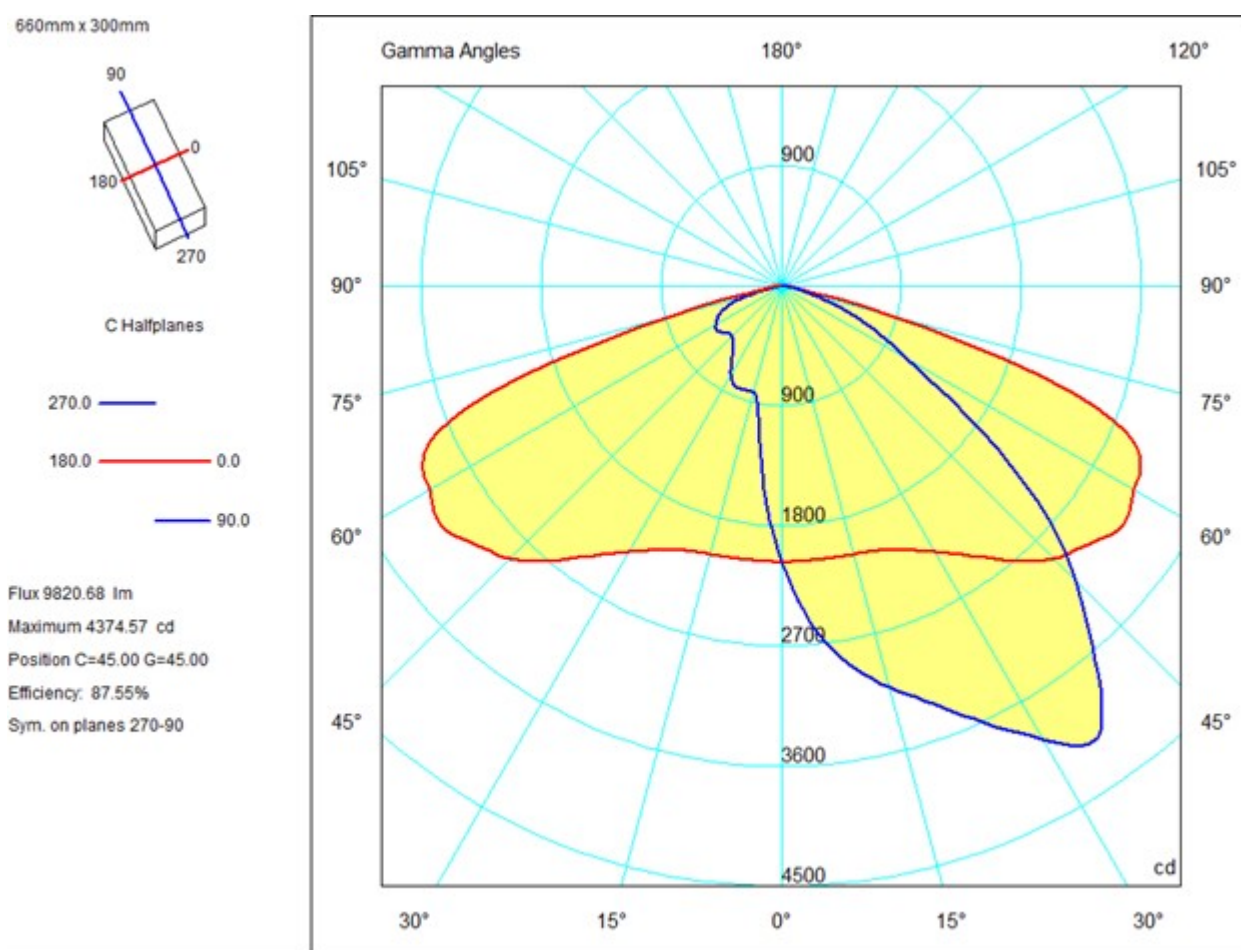
Buletin de încercare nr. 0422-22/06.05.2022

DISTRIBUȚIA INTENSITĂȚII LUMINOASE

Produsul: VOLTAMPERA 02 LED 8600LM 59W 740 TP3 Z
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 LCO 60/200-1050/100 pD+ NF C PRE3
Temperatura de culoare măsurată $T_K = 4000K$, CRI = 73, PUTERE 59.1W, FLUX BRUT 9821 LM, FLUX NET 8598 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		2064.91	2064.91	2064.91
5		2064.56	2535.64	1525.16
10		2067.14	2867.29	988.42
15		2077.42	3110.58	819.23
20		2107.64	3328.05	825.11
25		2179.03	3609.67	824.74
30		2298.87	3917.84	757.43
35		2461.67	4125.06	643.21
40		2682.13	3658.46	571.36
45		2885.78	3119.38	523.48
50		3003.79	2500.69	541.71
55		3120.70	1692.43	586.04
60		3049.41	1079.20	566.60
65		2960.72	763.23	522.73
70		2297.51	460.43	437.41
75		868.70	270.10	281.17
80		179.23	129.81	70.14
85		80.05	51.55	27.71
90		40.19	29.90	26.97

DIAGRAMA ISOLUX

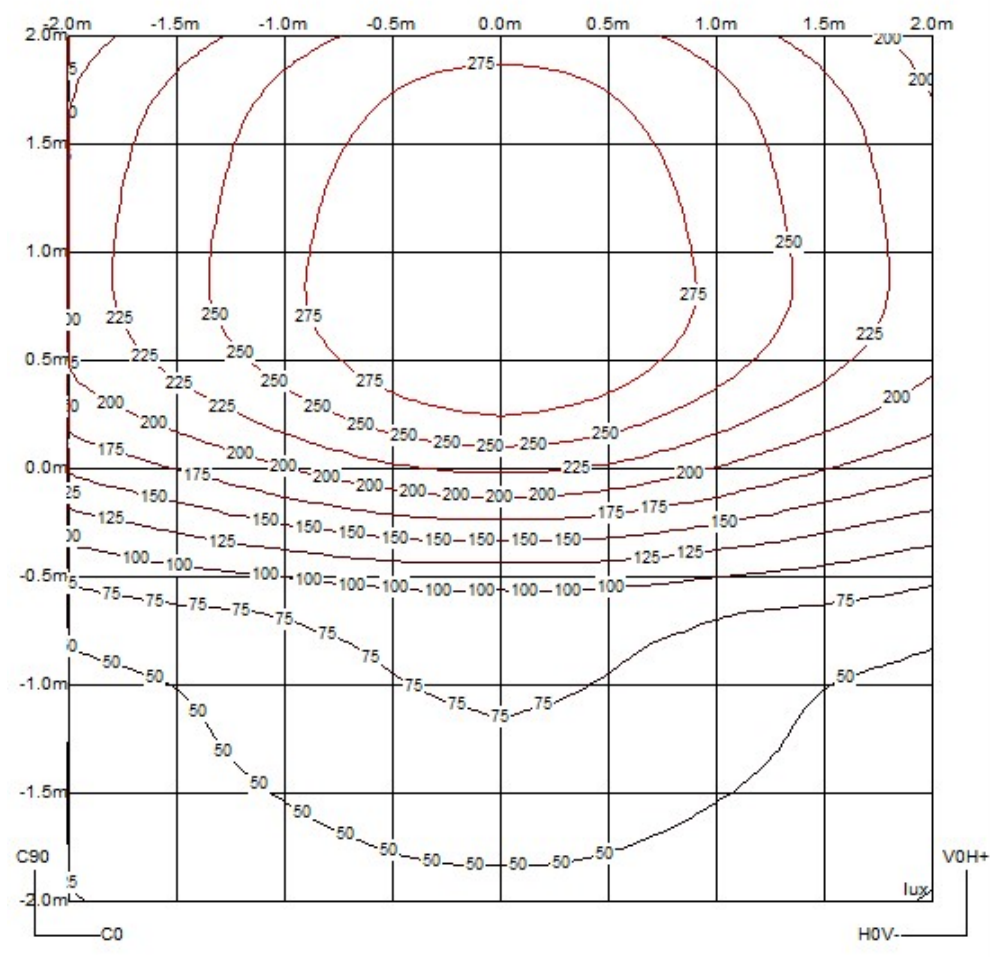
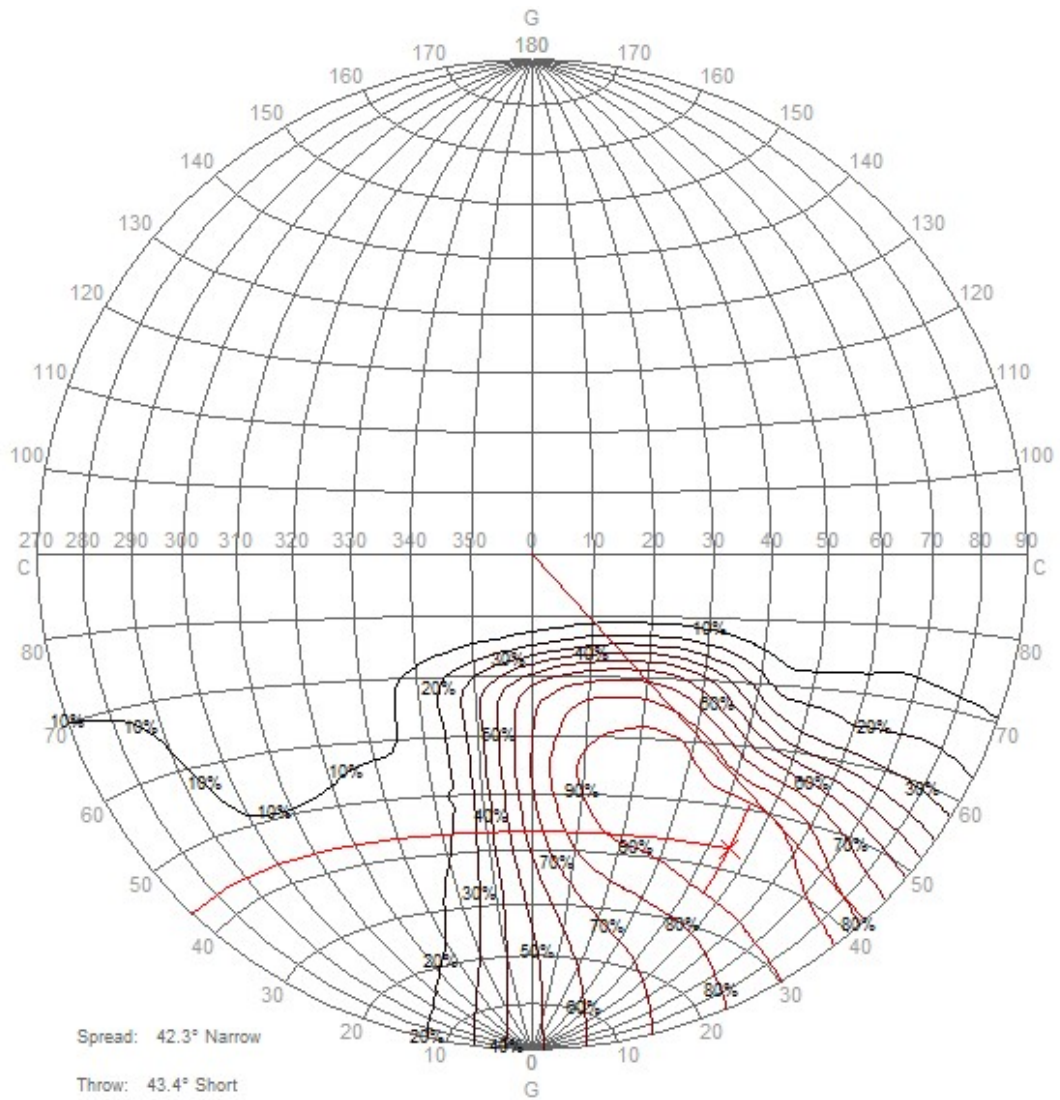


DIAGRAMA ISOCANDELA



CURBA K

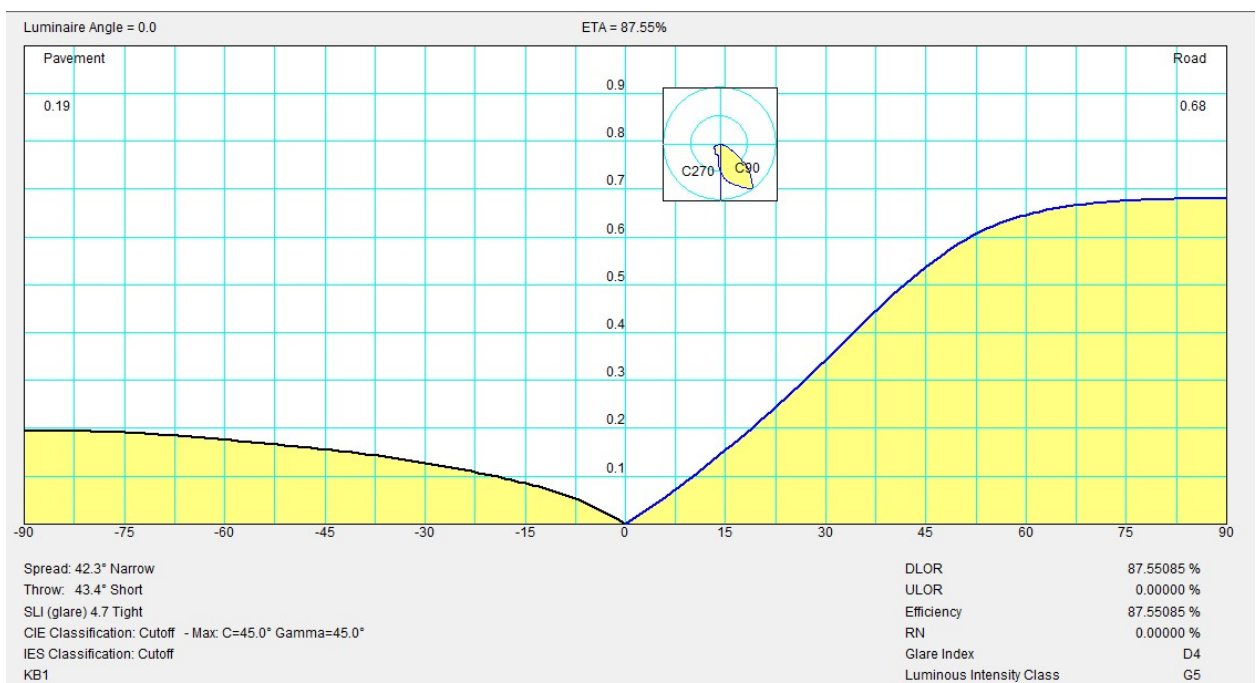
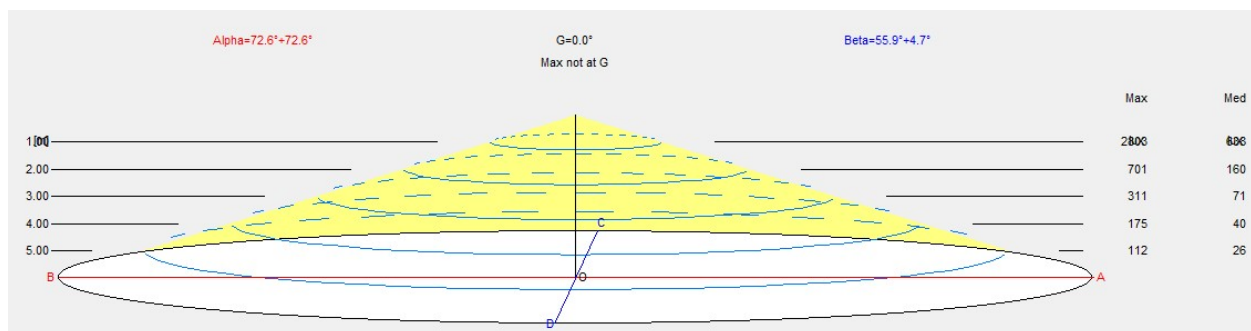


DIAGRAMA UNGHIULUI DE FASCICUL



CLASIFICAREA SISTEMULUI DE ILUMINAT

Luminaire Classification System (LCS)				
LCS Zone		Lumens	%Lamp	%Lum
FL	0° -- 30°	1251.4 lm	12.7 %	14.6 %
FM	30° -- 60°	4021.4 lm	40.9 %	46.8 %
FH	60° -- 80°	1365.8 lm	13.9 %	15.9 %
FVH	80° -- 90°	46.2 lm	0.5 %	0.5 %
BL	0° -- 30°	476.0 lm	4.8 %	5.5 %
BM	30° -- 60°	910.2 lm	9.3 %	10.6 %
BH	60° -- 80°	491.6 lm	5.0 %	5.7 %
BVH	80° -- 90°	35.5 lm	0.4 %	0.4 %
UL	90° -- 100°	0.0 lm	0.0 %	0.0 %
UH	100° -- 180°	0.0 lm	0.0 %	0.0 %
TOTALS		8598.1 lm	87.6 %	100.0 %

BUG : B1 U0 G1 Type II Very Short Assymetrical

