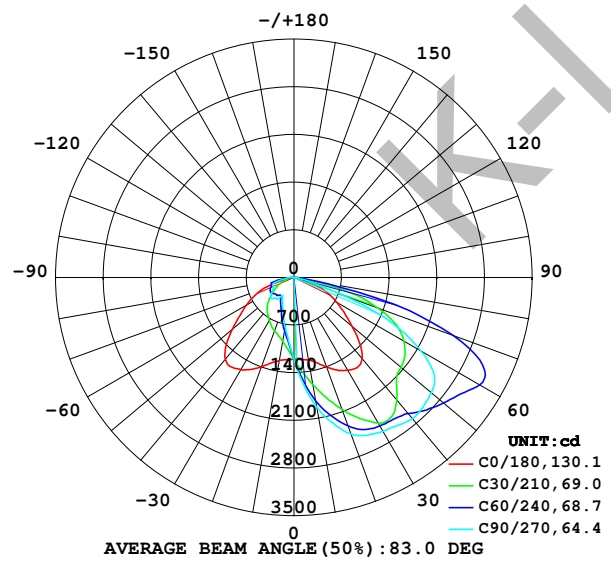
STREETLIGHT PHOTOMETRIC TEST REPORT

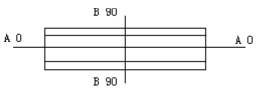
Test:U:230.54V I:0.2236A P:50.546W PF:0.9807 Freq:49.99Hz Lamp Flux:7027.5x1 lm		
NAME: HELENA	TYPE:POLE MOUNTED SYSTEMS	WEIGHT:
SPEC.:WW, LUMILED	DIM.: Ø550 x 800	SERIAL No.:4199
MFR.: K-LITE	SUR.:	Shielding Angle:ASYMMETRICAL

DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.87 lm/W			
MODEL	KL-4618	Imax(cd)	3548	η street_up(%)	0.2
NOMINAL POWER(W)	50	LOR(%)	90.5	η street_down(%)	72.1
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	6362	η house_up(%)	0.2
NOMINAL FLUX(lm)	7027.5	MAXIMUM @(C,γ)	50,66.0	η house_down(%)	18.1
LAMPS INSIDE	1	η up(%)	0.4	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	230	η down(%)	90.2	SLI	15.419

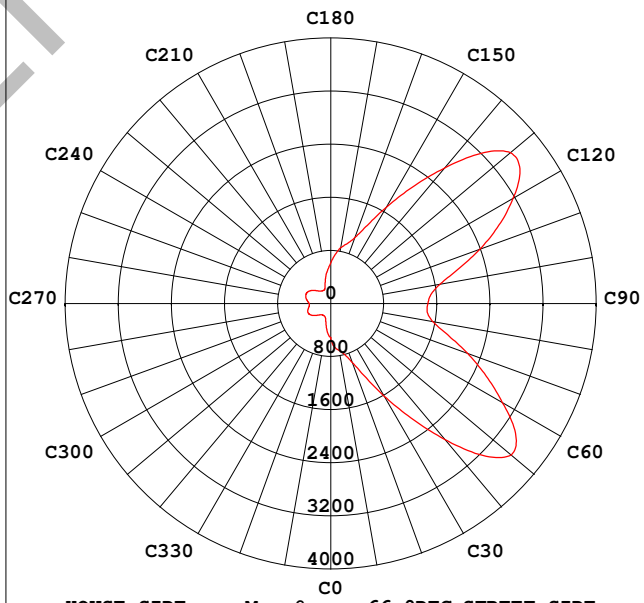
INTENSITY DISTRIBUTION DIAGRAM IN C PLANS



AVERAGE BEAM ANGLE(50%):83.0 DEG



MAX INTENSITY CONE SURFACE DISTRIBUTION DIAGRAM



HOUSE SIDE Max @ γ = 66.0DEG STREET SIDE

K-LITE

C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:20 February 2022

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:65.0%
Test Distance:1.825m [K=1.0000]
Remarks: