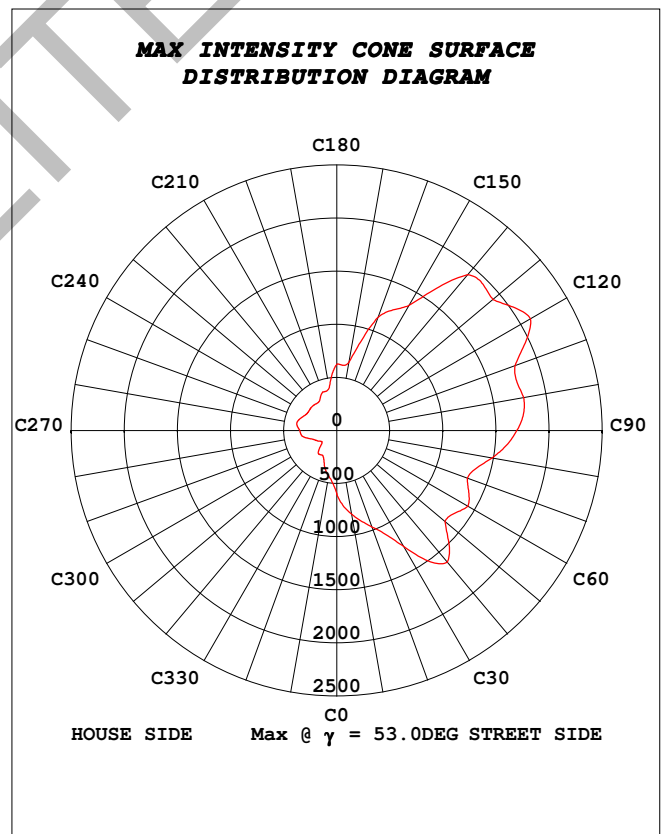
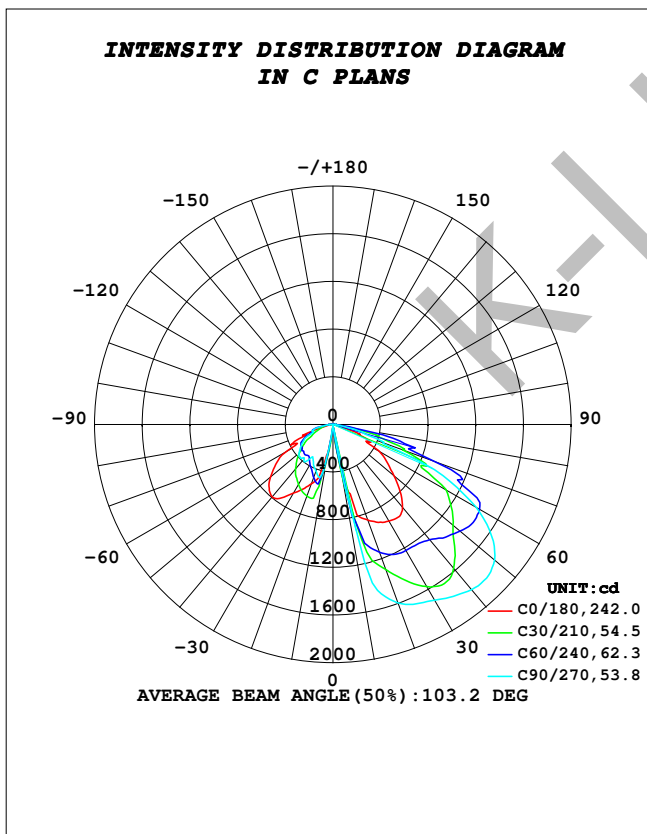


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.09V I:0.1339A P:29.941W PF:0.9721 Freq:49.98Hz Lamp Flux:3886.08x1 lm		
NAME: ASTRAL	TYPE:POLE MOUNTED SYSTEMS	WEIGHT:5.780Kg
SPEC.:3000K, LUMILED, 70 CRI	DIM.: Ø400 x 807	SERIAL No.:INT/2023/07/34A
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 122.91 lm/W
MODEL	KL-4521	I _{max} (cd)	2107	η street_up (%)	0.5	
NOMINAL POWER (W)	30	LOR (%)	94.7	η street_down (%)	72.9	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	3680	η house_up (%)	0.3	
NOMINAL FLUX (lm)	3886.08	MAXIMUM @ (C, γ)	120,53.0	η house_down (%)	21.0	
LAMPS INSIDE	1	η up (%)	0.8	76 FLASHAREA (m2)	0.00100	
TEST VOLTAGE (V)	230	η down (%)	93.9	SLI	16.089	



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.4DEG
Operators: K-LITE
Test Date: 15 July 2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity: 45.5%
Test Distance: 1.944m [K=1.0000]
Remarks: