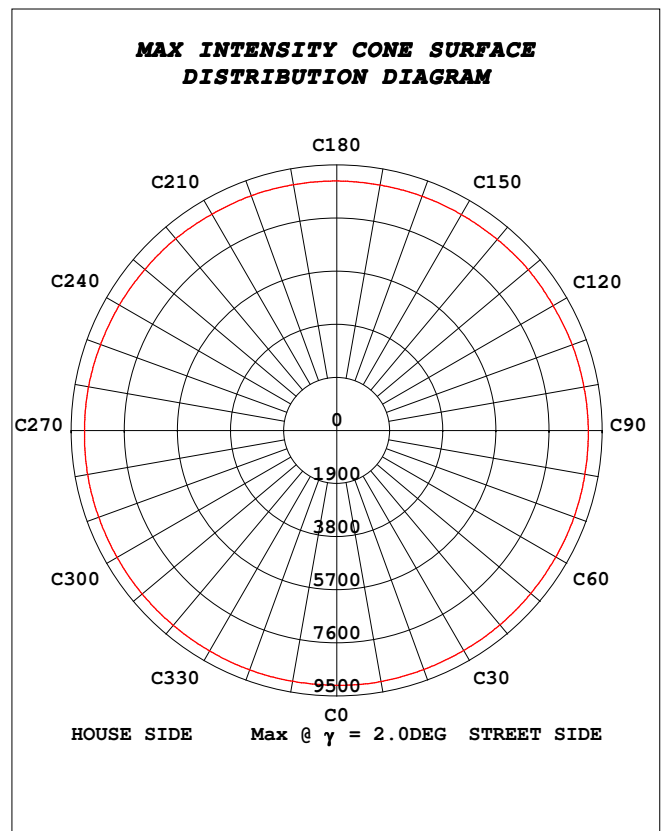
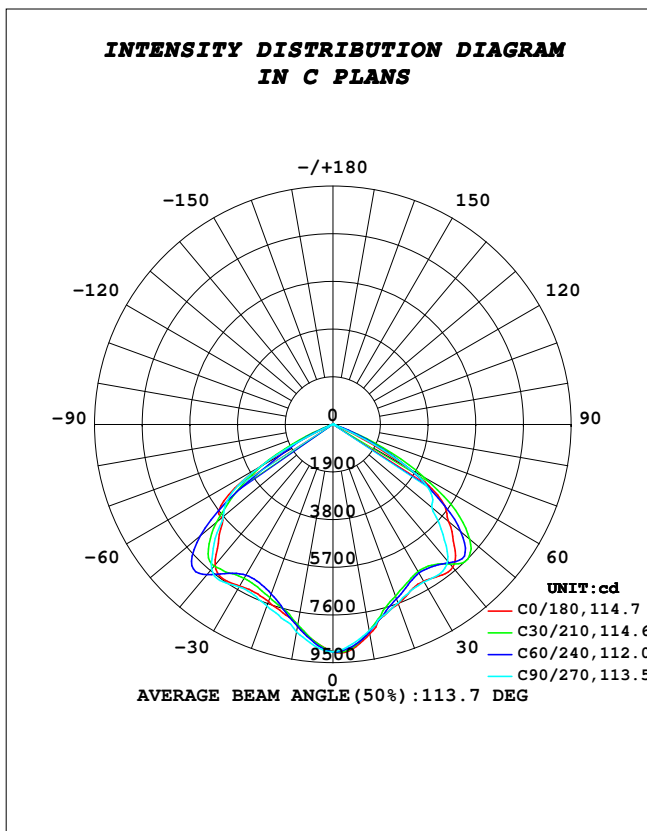


**STREETLIGHT PHOTOMETRIC TEST REPORT**

Test:U:230.32V I:0.8243A P:189.30W PF:0.9972 Freq:49.99Hz Lamp Flux:25223.6x1 lm		
NAME: UMBRELLA	TYPE:POLE MOUNTED SYSTEMS	WEIGHT:9.475 Kg
SPEC.:3000K, LUMILED,SYMMETRICAL , 70 CRI	DIM.: Ø649 x 510	SERIAL No.:INT/2024/06/12A
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 117.52 lm/W			
MODEL	KL-4451	I <sub>max</sub> (cd)	9119	η street_up (%)	0.0
NOMINAL POWER (W)	200	LOR (%)	88.2	η street_down (%)	44.2
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	22248	η house_up (%)	0.0
NOMINAL FLUX (lm)	25223.6	MAXIMUM @ (C, γ )	10,2.0	η house_down (%)	44.0
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	η down (%)	88.2	SLI	15.832



**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.2DEG**  
**Operators: K-LITE**  
**Test Date: 05 June 2024**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.417**  
**Humidity: 37.5%**  
**Test Distance: 1.997m [K=1.0000]**  
**Remarks:**