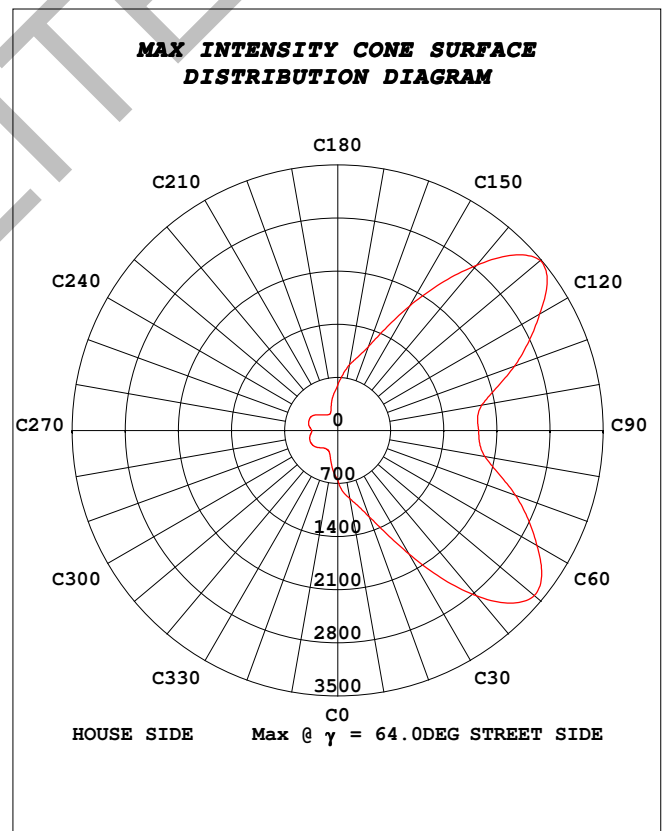
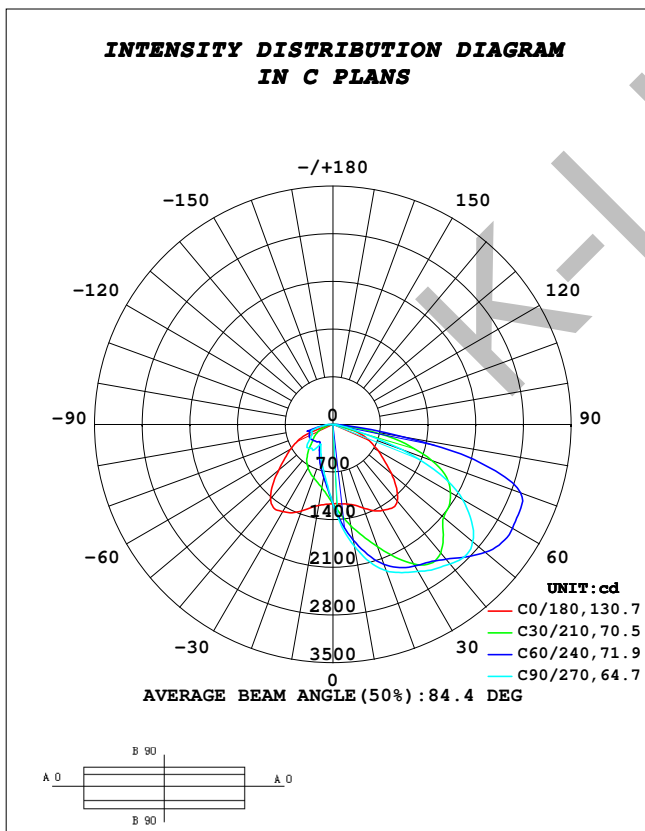


### STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:230.54V I:0.2225A P:50.471W PF:0.9837 Freq:50.00Hz Lamp Flux:7027.5x1 lm		
NAME: ASTRAL	TYPE:POLE MOUNTED SYSTEMS	WEIGHT:
SPEC.:NW, LUMILED	DIM.: Ø400 x 807	SERIAL No.:4189
MFR.: K-LITE	SUR.:	Shielding Angle:ASYMMETRICAL

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	KL-4522	Imax (cd)	3488	$\eta$ street_up (%)	0.2
NOMINAL POWER (W)	50	LOR (%)	92.0	$\eta$ street_down (%)	73.3
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	6462	$\eta$ house_up (%)	0.2
NOMINAL FLUX (lm)	7027.5	MAXIMUM @ (C, $\gamma$ )	130,64.0	$\eta$ house_down (%)	18.3
LAMPS INSIDE	1	$\eta$ up (%)	0.4	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	230	$\eta$ down (%)	91.5	SLI	16.552



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

**$\gamma$  Range: 0 - 180 DEG**  
 **$\gamma$  Interval: 1.0 DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.417**  
**Humidity: 65.0%**  
**Test Distance: 1.825m [K=1.0000]**  
**Remarks:**