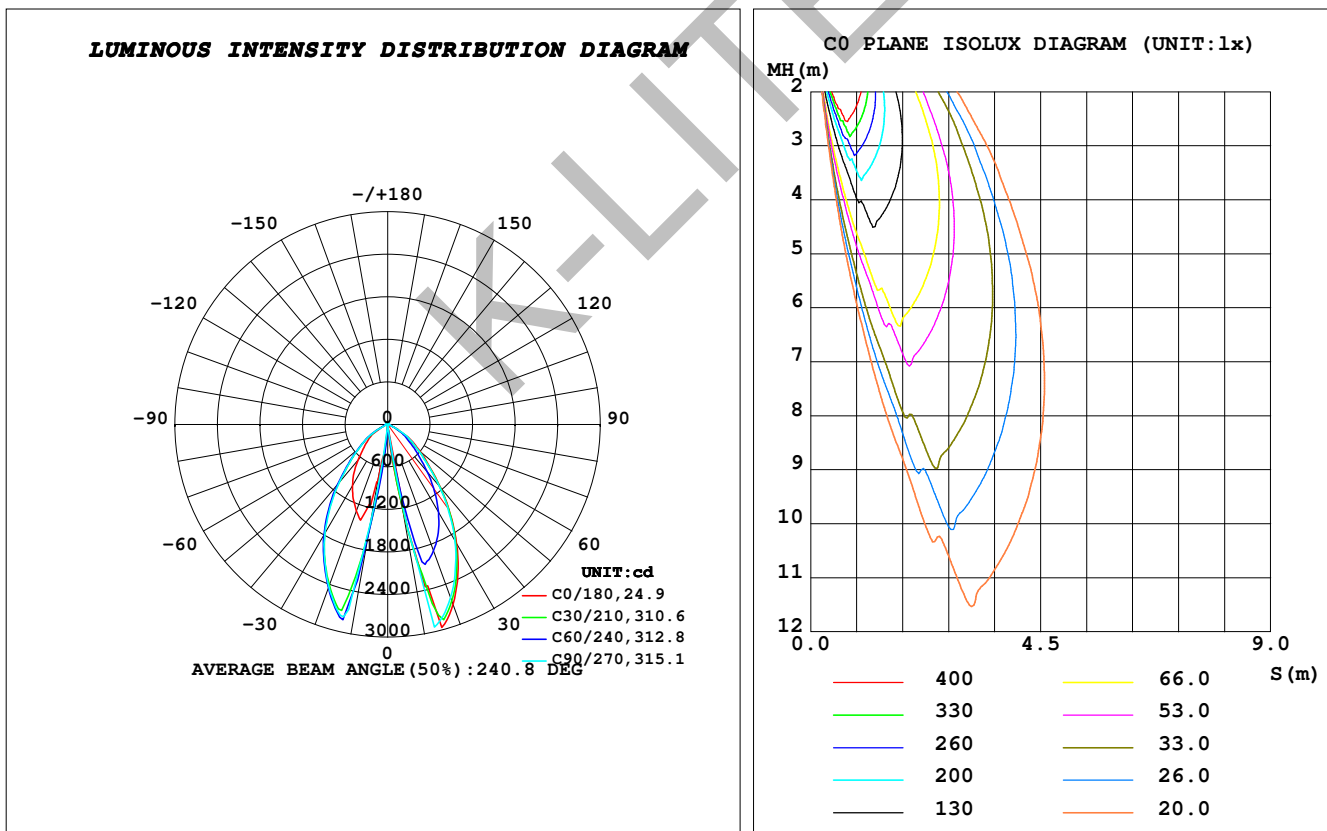


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:230.30V I:0.1338A P:29.946W PF:0.9720 Freq:49.99Hz 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/2023/07/34
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 122.03 lm/W			
MODEL	KL-4492	I <sub>max</sub> (cd)	2962	S/MH (C0/180)	0.09
NOMINAL POWER (W)	30	LOR (%)	94.0	S/MH (C90/270)	0.15
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	3654.3	η UP, DN (C0-180)	1.4, 46.8
NOMINAL FLUX (lm)	3886.08	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.5, 44.4
LAMPS INSIDE	1	η up (%)	2.8	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	230	η down (%)	91.2	CIBSE SHR MAX	1.00



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.4DEG  
 Operators: K-LITE  
 Test Date: 13 July 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.417  
 Humidity: 45.6%  
 Test Distance: 1.944m [K=1.0000]  
 Remarks: