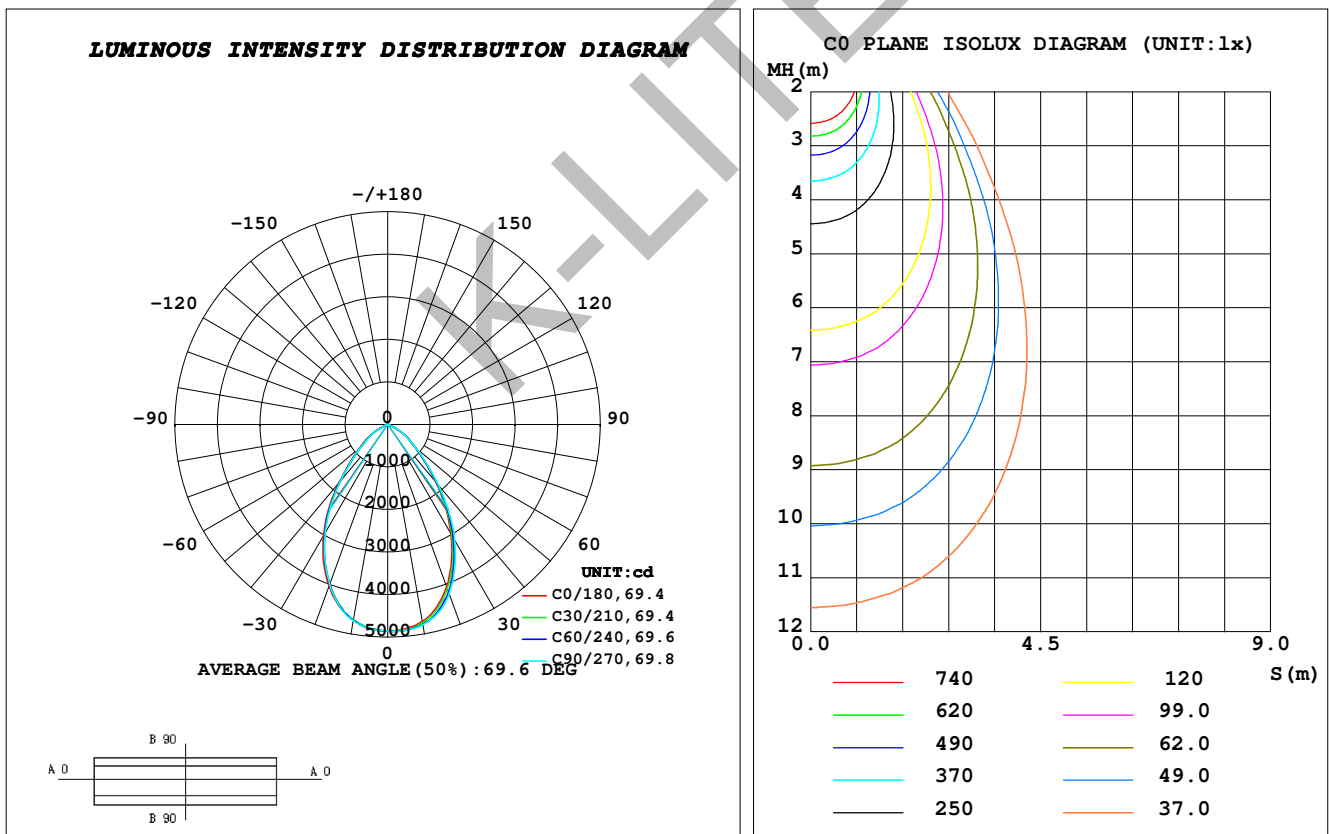


### LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.54V I:0.2244A P:50.762W PF:0.9812 Freq:49.99Hz Lamp Flux:7027.5x1 lm		
NAME: ASTRAL	TYPE:POLE MOUNTED SYSTEMS	WEIGHT:
SPEC.:CW, LUMILED	DIM.: Ø400 x 807	SERIAL No.:4230
MFR.: K-LITE	SUR.:	Shielding Angle:SYMMETRICAL

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.94 lm/W			
MODEL	KL-5444	I <sub>max</sub> (cd)	4872	S/MH (C0/180)	1.01
NOMINAL POWER (W)	50	LOR (%)	93.1	S/MH (C90/270)	0.99
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	6545.3	η UP, DN (C0-180)	0.0, 47.5
NOMINAL FLUX (lm)	7027.5	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 45.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	230	η down (%)	93.1	CIBSE SHR MAX	1.05



**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 - 90DEG**  
**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:**