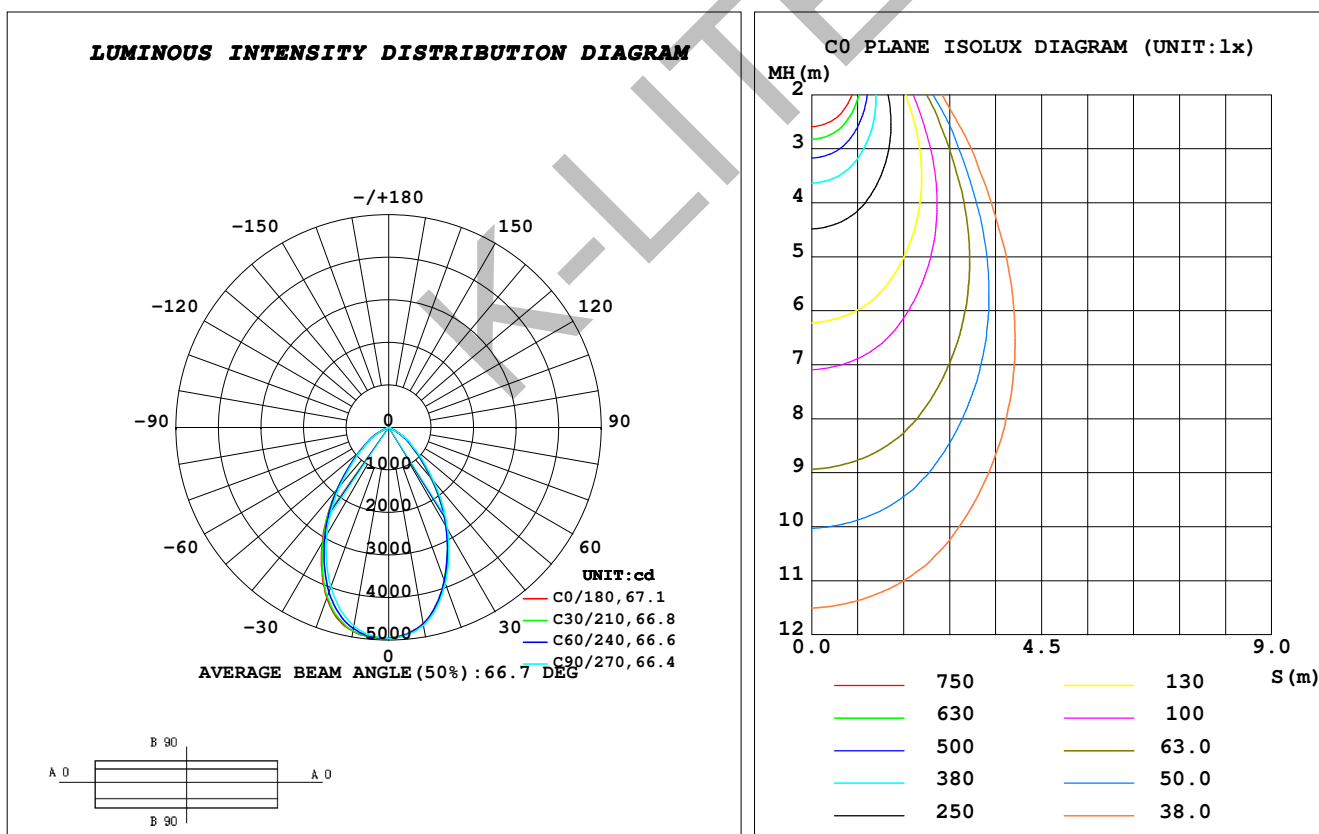


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.53V I:0.2244A P:50.761W PF:0.9811 Freq:50.00Hz Lamp Flux:7027.5x1 lm		
NAME: ASTRAL	TYPE:POLE MOUNTED SYSTEMS	WEIGHT:
SPEC.:WW, LUMILED	DIM.: Ø400 x 807	SERIAL No.:4232
MFR.: K-LITE	SUR.:	Shielding Angle:SYMMETRICAL

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	KL-5444	Imax (cd)	4972	S/MH (C0/180)	1.02
NOMINAL POWER (W)	50	LOR (%)	90.8	S/MH (C90/270)	0.96
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	6383.6	η UP, DN (C0-180)	0.0, 44.6
NOMINAL FLUX (lm)	7027.5	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 46.3
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	230	η down (%)	90.8	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: