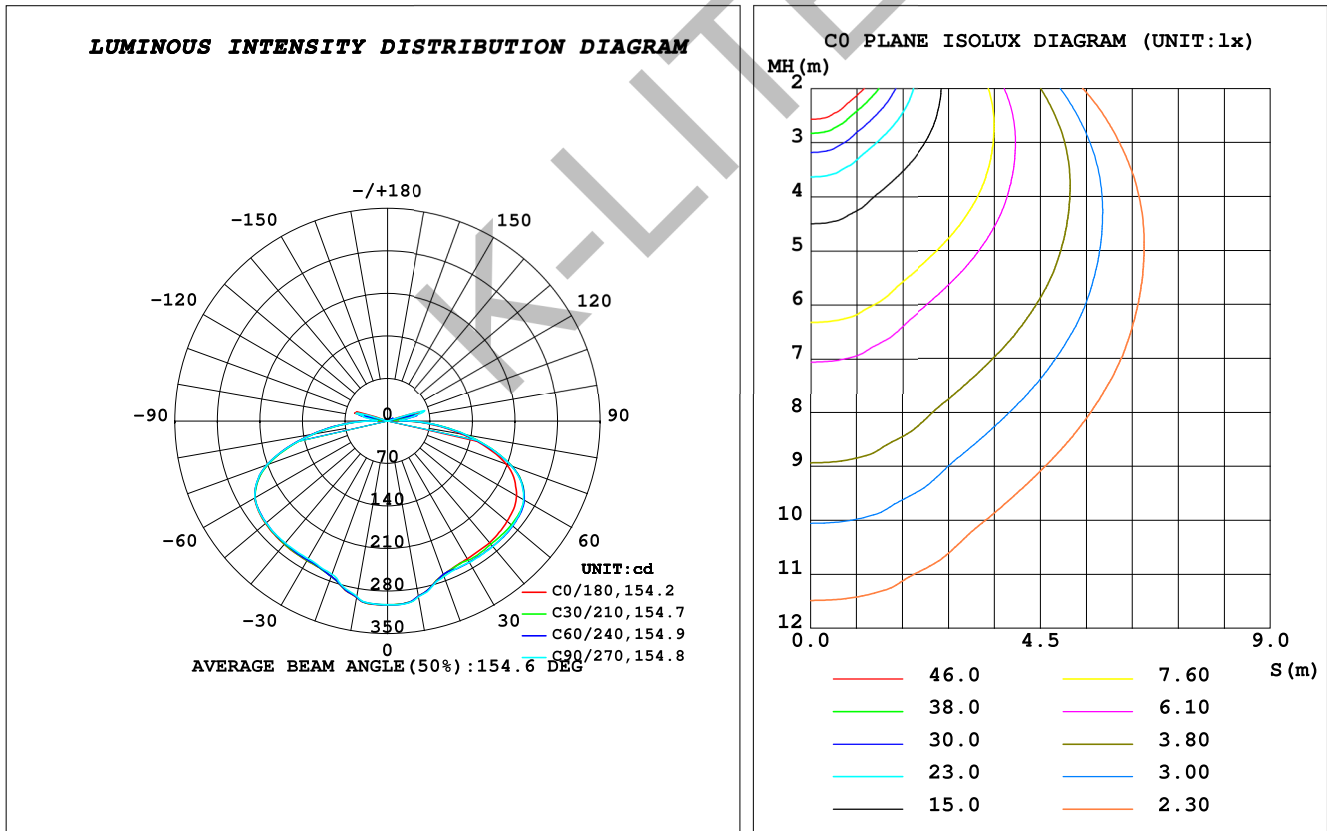


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.24V I:0.1258A P:28.766W PF:0.9930 Freq:49.99Hz Lamp Flux:3379.59x1 lm		
NAME: GEMA	TYPE:POLE MOUNTED SYSTEMS	WEIGHT:5.520Kg
SPEC.:2700K, NICHIA, 80 CRI	DIM.: Ø590 x 450	SERIAL No.:INT/2023/07/30
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 48.55 lm/W
MODEL	KL-4520	I _{max} (cd)	303.0	S/MH (C0/180)	1.35	
NOMINAL POWER (W)	30	LOR (%)	41.3	S/MH (C90/270)	1.33	
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	1396.7	η UP, DN (C0-180)	0.9, 20.0	
NOMINAL FLUX (lm)	3379.59	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.8, 19.6	
LAMPS INSIDE	1	η up (%)	1.7	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	230	η down (%)	39.6	CIBSE SHR MAX	1.55	



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.6DEG
Operators: K-LITE
Test Date: 15 July 2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity: 45.4%
Test Distance: 1.944m [K=1.0000]
Remarks: