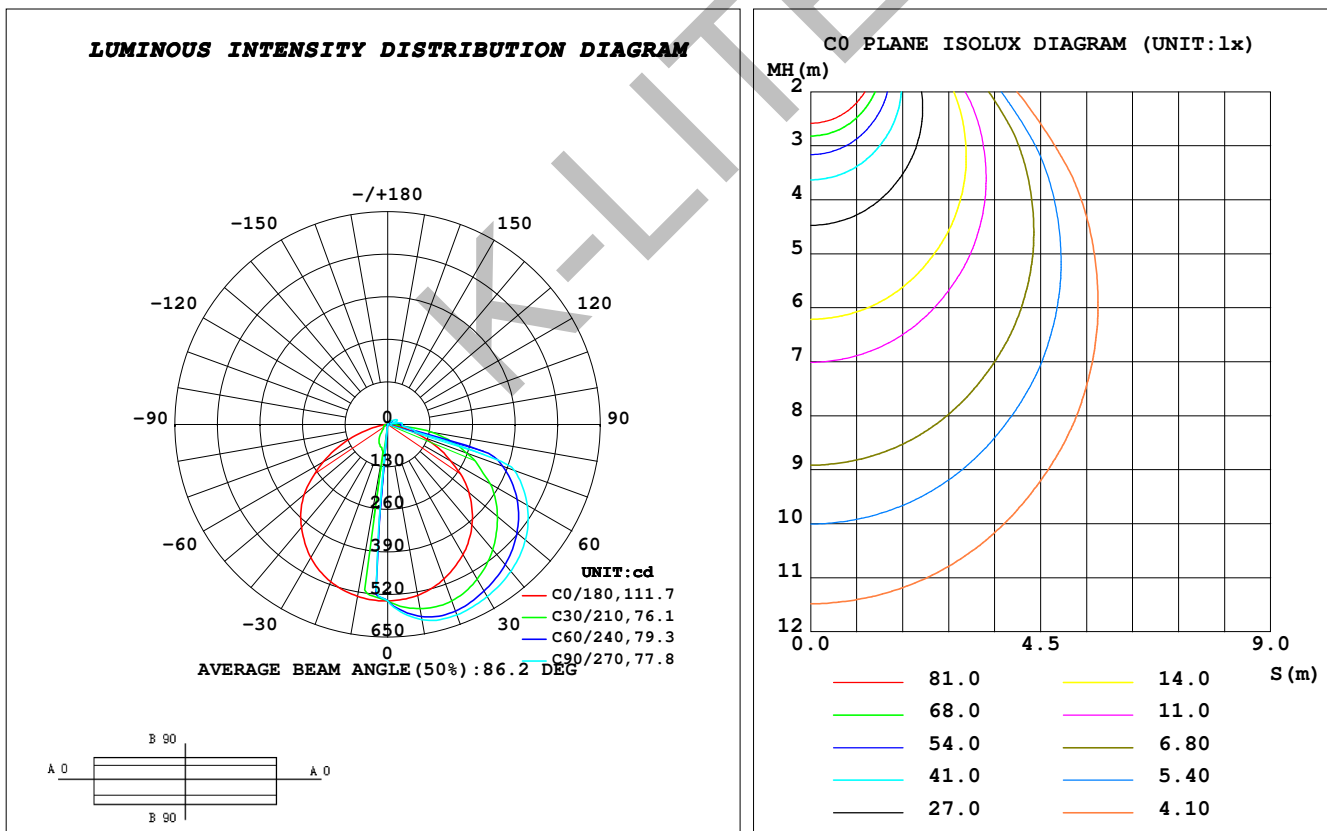


### LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.62V I:0.0529A P:11.940W PF:0.9780 Freq:50.00Hz Lamp Flux:1469x1 lm		
NAME: JADO BOLLARD	TYPE: BOLLARDS	WEIGHT:
SPEC.: WW, NICHIA	DIM.: 200 x 110 x 600	SERIAL No.: 5100
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 106.64 lm/W			
MODEL	KL-7100	I <sub>max</sub> (cd)	619.3	S/MH (C0/180)	1.29
NOMINAL POWER (W)	12	LOR (%)	86.7	S/MH (C90/270)	0.16
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	1273.3	η UP, DN (C0-180)	2.4, 74.6
NOMINAL FLUX (lm)	1469	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 9.7
LAMPS INSIDE	1	η up (%)	2.4	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	230	η down (%)	84.3	CIBSE SHR MAX	0.75



**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: K-LITE**  
**Test Date: 17 November 2022**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.417**  
**Humidity: 65.0%**  
**Test Distance: 1.852m [K=1.0000]**  
**Remarks:**