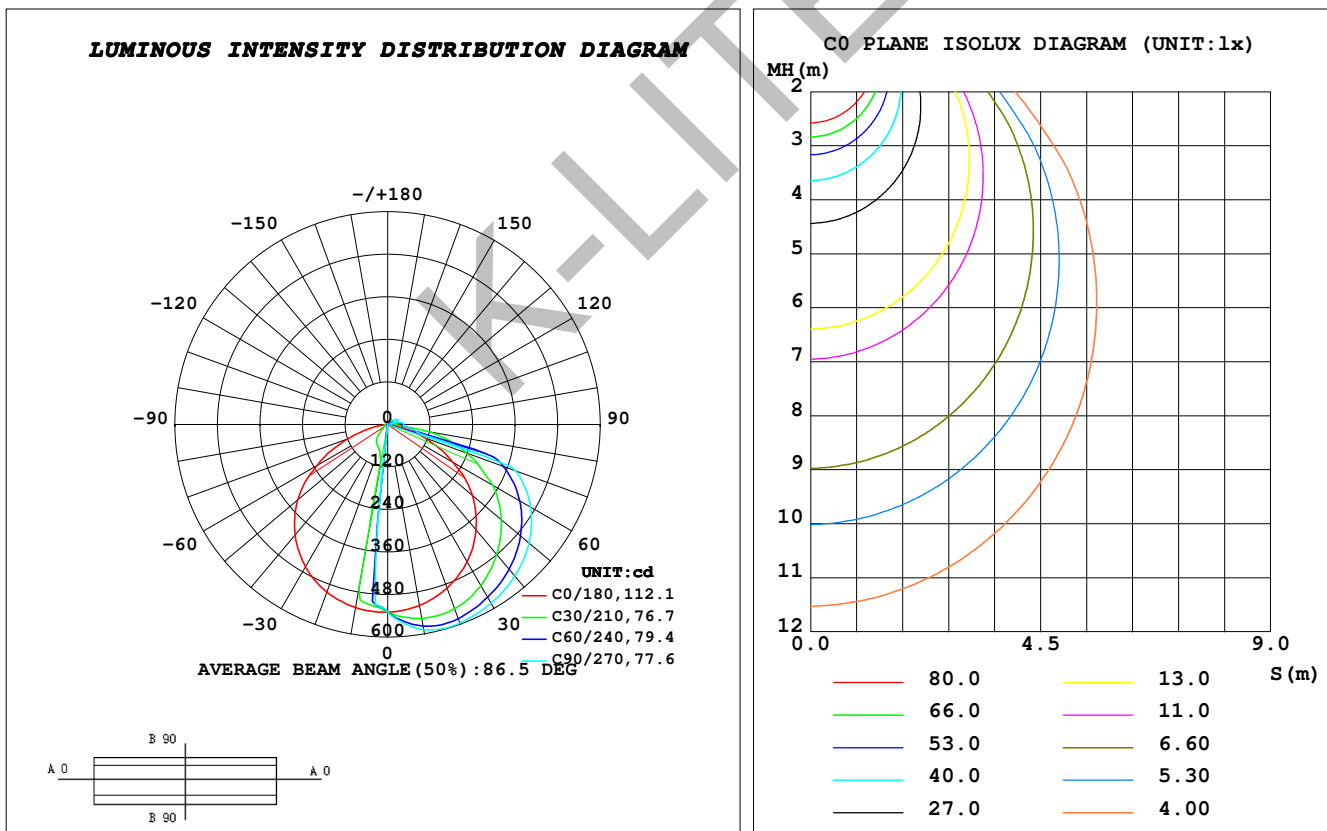


### LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.65V I:0.0528A P:11.920W PF:0.9780 Freq:49.99Hz Lamp Flux:1530x1 lm		
NAME: JADO BOLLARD	TYPE:BOLLARDS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 200 x 110 x 600	SERIAL No.:5099
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	KL-7100	Imax (cd)	597.4	S/MH (C0/180)	1.30
NOMINAL POWER (W)	12	LOR (%)	80.6	S/MH (C90/270)	0.18
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	1232.9	η UP, DN (C0-180)	2.2, 68.3
NOMINAL FLUX (lm)	1530	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 10.0
LAMPS INSIDE	1	η up (%)	2.2	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	230	η down (%)	78.4	CIBSE SHR MAX	0.80



**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:**