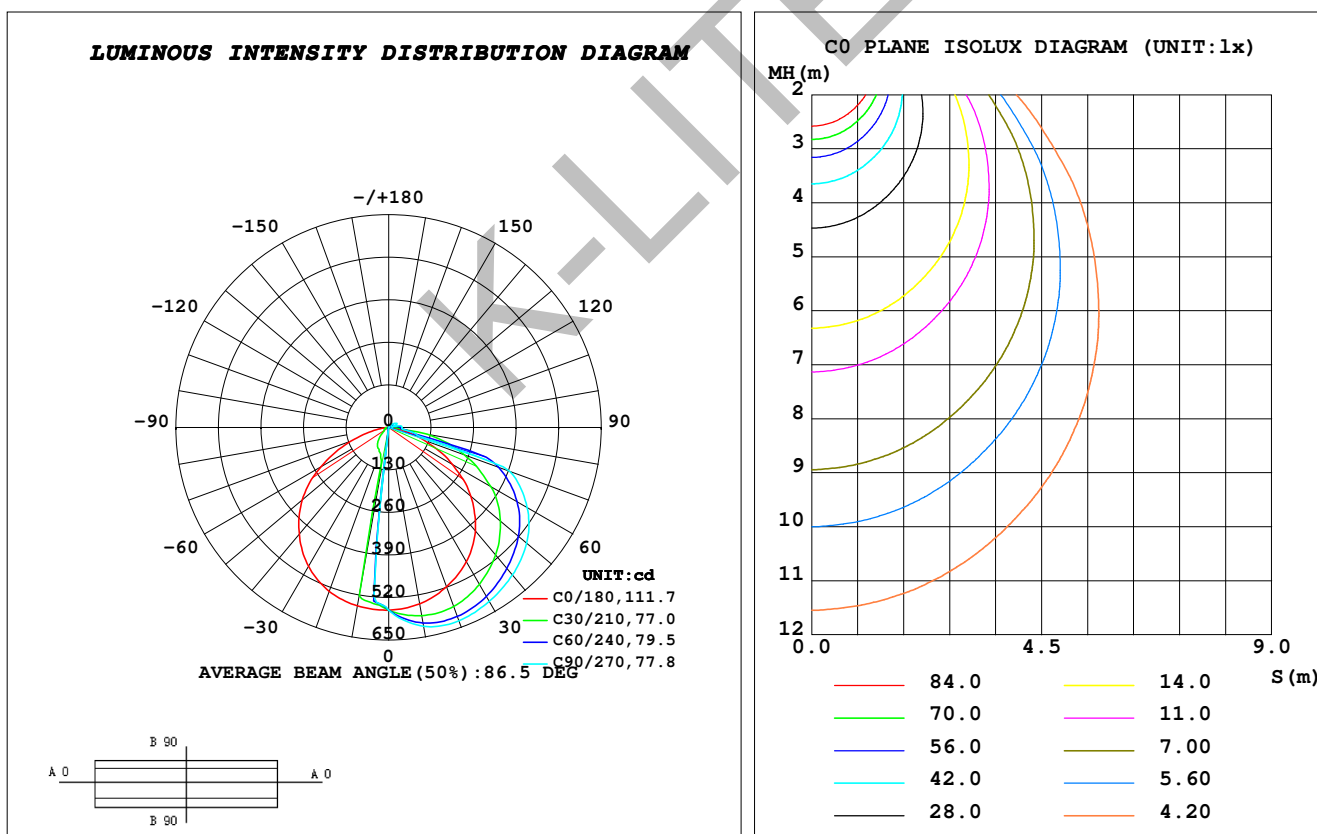


### LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.64V I:0.0530A P:11.947W PF:0.9782 Freq:49.99Hz Lamp Flux:1581x1 lm		
NAME: JADO BOLLARD	TYPE: BOLLARDS	WEIGHT:
SPEC.: CW, NICHIA	DIM.: 200 x 110 x 1000	SERIAL No.: 5101
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	KL-7078	Imax (cd)	629.1	S/MH (C0/180)	1.30
NOMINAL POWER (W)	12	LOR (%)	81.4	S/MH (C90/270)	0.18
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	1287.4	η UP, DN (C0-180)	2.0, 69.3
NOMINAL FLUX (lm)	1581	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 10.2
LAMPS INSIDE	1	η up (%)	2.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	230	η down (%)	79.4	CIBSE SHR MAX	0.70



**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:**