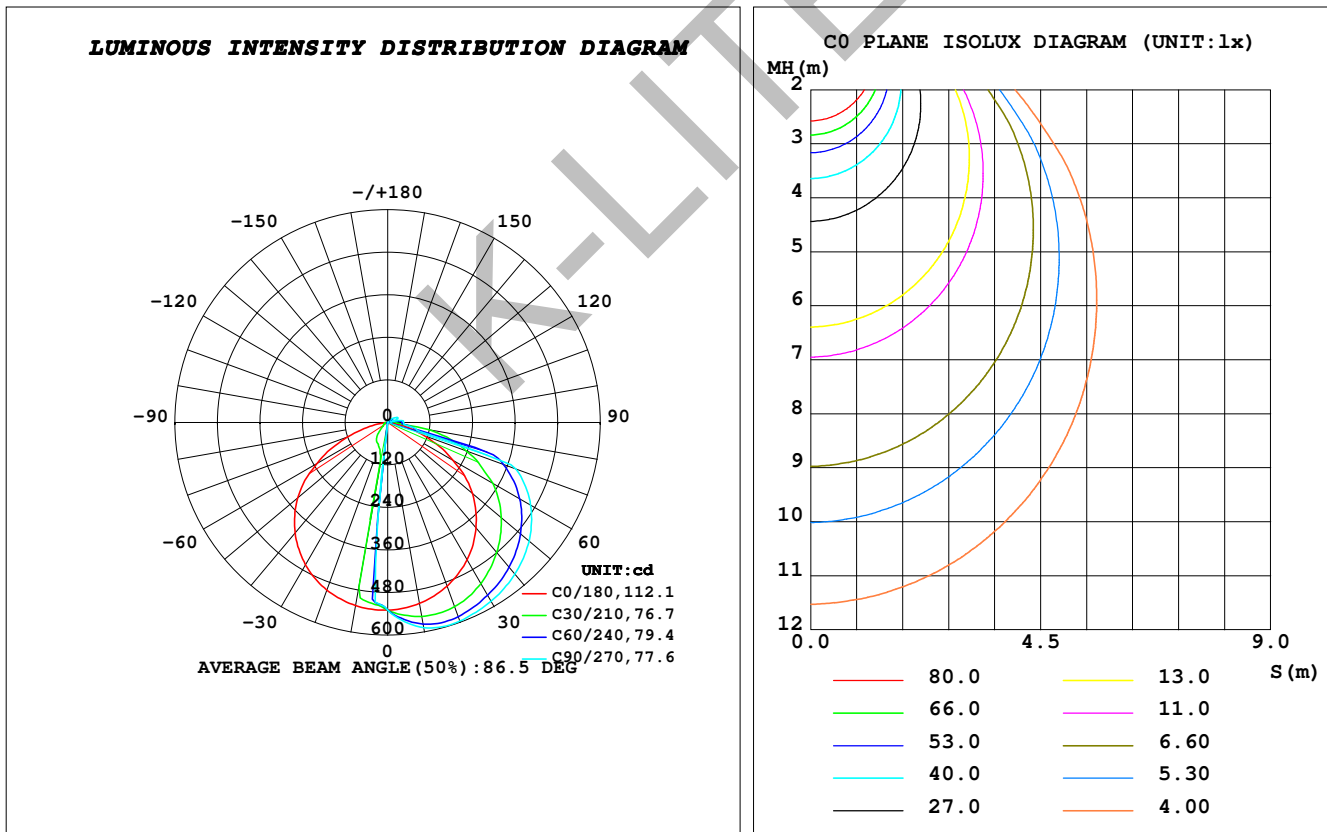


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:230.65V I:0.0528A P:11.920W PF:0.9780 Freq:49.99Hz Lamp Flux:2073.6x1 lm		
NAME: JADO BOLLARD	TYPE:BOLLARDS	WEIGHT:
SPEC.:NW, NICHIA	DIM.: 200 x 110 x 1000	SERIAL No.:5102
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.43 lm/W			
MODEL	KL-7078	I <sub>max</sub> (cd)	597.4	S/MH (C0/180)	1.30
NOMINAL POWER (W)	12	LOR (%)	59.5	S/MH (C90/270)	0.18
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	1232.9	η UP, DN (C0-180)	1.6, 50.4
NOMINAL FLUX (lm)	2073.6	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 7.4
LAMPS INSIDE	1	η up (%)	1.6	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	230	η down (%)	57.8	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: