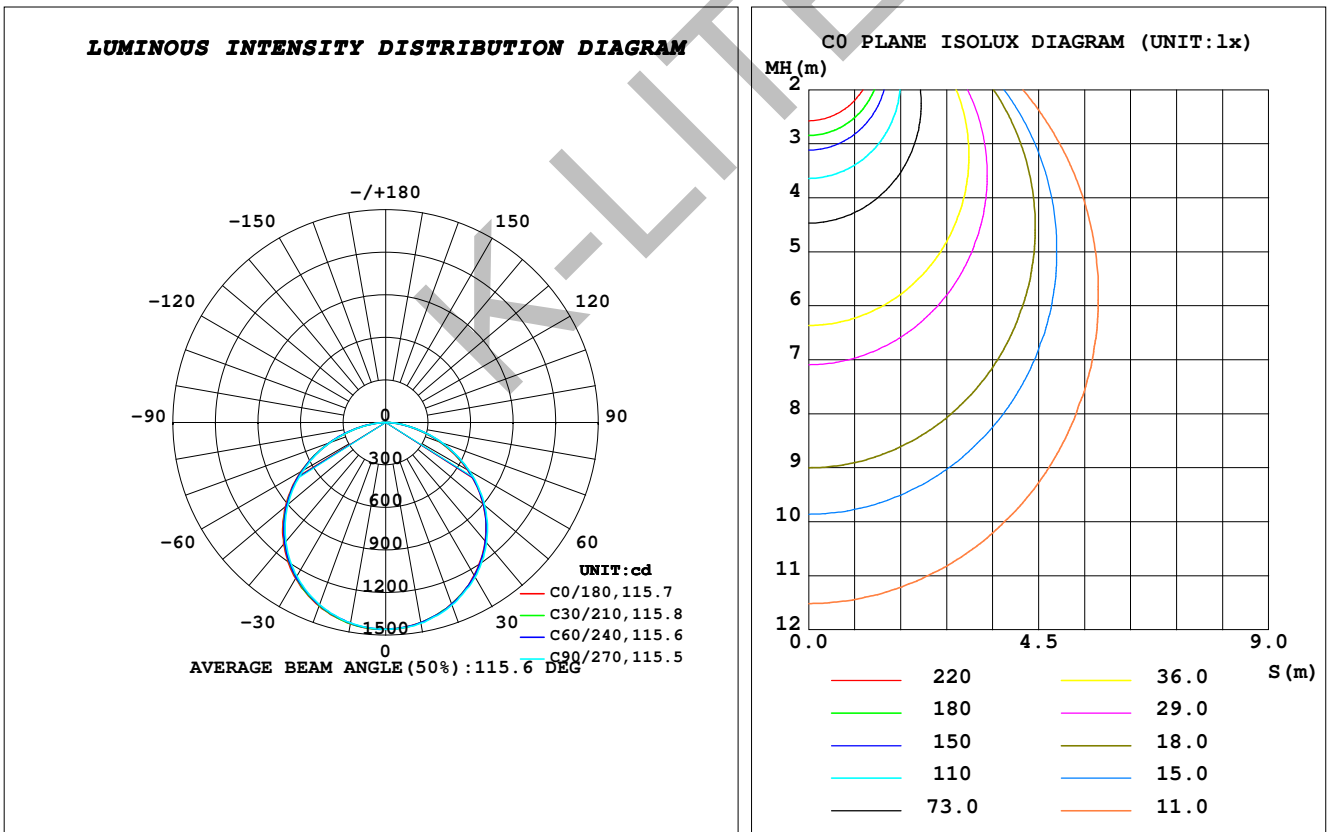


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:230.11V I:0.3259A P:40.366W PF:0.9802 Freq:49.98Hz Lamp Flux:4914x1 lm		
NAME: POLAR PANEL	TYPE: RECESSED CEILING	WEIGHT:
SPEC.: NW, OSRAM	DIM.: 596 x 596 x 32	SERIAL No.: 0923
MFR.: K-LITE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 106.57 lm/W			
MODEL	KL-2281	I <sub>max</sub> (cd)	1462	S/MH (C0/180)	1.30
NOMINAL POWER (W)	40	LOR (%)	87.5	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	4301.8	η UP, DN (C0-180)	0.0, 43.9
NOMINAL FLUX (lm)	4914	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 43.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	87.5	CIBSE SHR MAX	1.35



**C Range: 0 - 360DEG**  
**C Interval: 10.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: K-LITE**  
**Test Date: 16 January 2020**

**γ Range: 0 - 90DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.417**  
**Humidity: 65.0%**  
**Test Distance: 1.825m [K=1.0000]**  
**Remarks:**