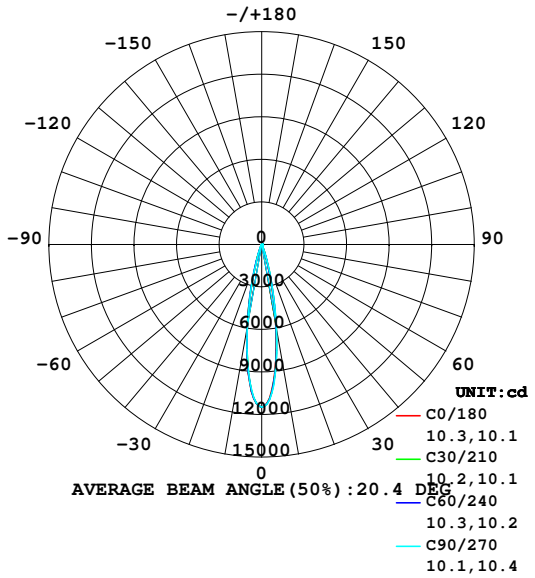
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.16V I:0.0789A P:18.075W PF:0.9958 Freq:49.89Hz Lamp Flux:2153.43x1 lm		
NAME: NEBULA	TYPE:FLOOD LIGHTS	WEIGHT:1.050Kg
SPEC.:3000K, CITI 1, BA-24D, 90 CRI	DIM.: Ø104 x 163 x 194	SERIAL No.:INT/2025/07/74A
MFR.: K-LiTE	SUR.:	Shielding Angle:

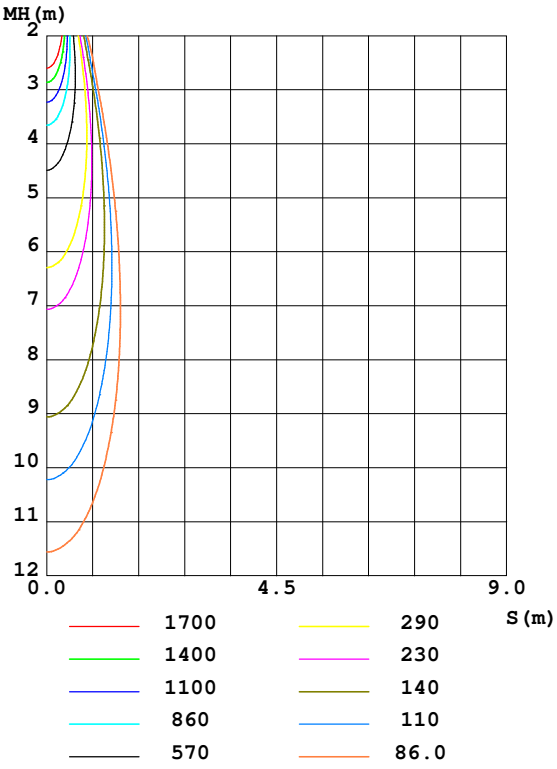
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 96.30 lm/W	
MODEL	KL-22782	Imax(cd)	11479	S/MH(C0/180)	0.35
NOMINAL POWER(W)	18	LOR(%)	80.8	S/MH(C90/270)	0.35
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1740.6	η UP,DN(C0-180)	0.0,40.8
NOMINAL FLUX(lm)	2153.43	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,40.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	80.8	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):20.4 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:K-LITE
Test Date:28 July 2025

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:41.8%
Test Distance:2.014m [K=1.0000]
Remarks: