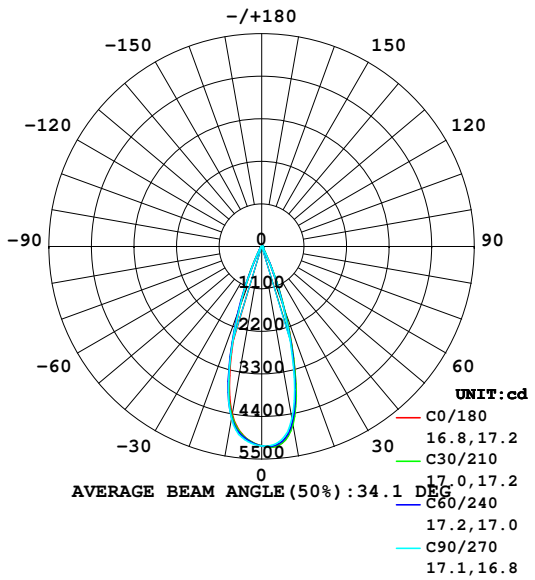
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.20V I:0.0790A P:18.118W PF:0.9957 Freq:49.90Hz Lamp Flux:2153.43x1 lm		
NAME: NEBULA	TYPE:FLOOD LIGHTS	WEIGHT:1.050Kg
SPEC.:3000K, CITI 1, BA-40D, 90 CRI	DIM.: Ø104 x 163 x 194	SERIAL No.:INT/2025/07/74B
MFR.: K-LiTE	SUR.:	Shielding Angle:

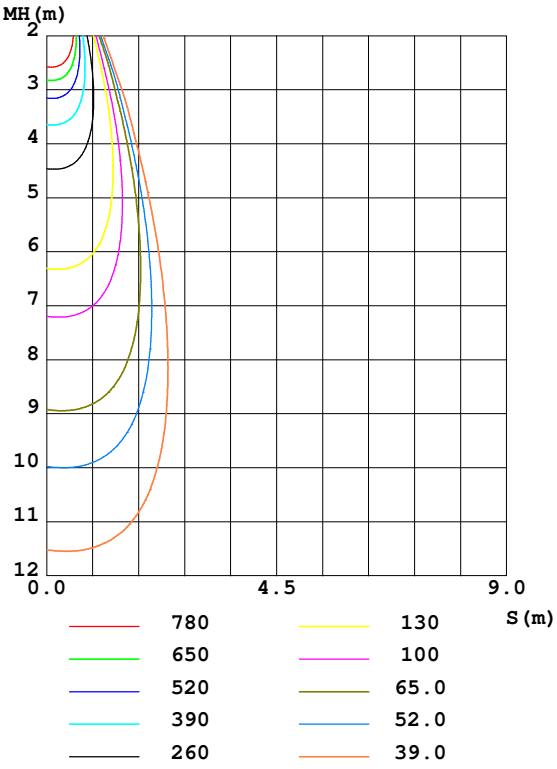
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 96.96 lm/W	
MODEL	KL-22782	Imax(cd)	5198	S/MH(C0/180)	0.53
NOMINAL POWER(W)	18	LOR(%)	81.6	S/MH(C90/270)	0.53
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1756.6	η UP,DN(C0-180)	0.0,40.5
NOMINAL FLUX(lm)	2153.43	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,41.1
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	η down(%)	81.6	CIBSE SHR MAX	0.55

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):34.1 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.4DEG
Operators:K-LITE
Test Date:01 August 2025

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:42.3%
Test Distance:1.997m [K=1.0000]
Remarks: