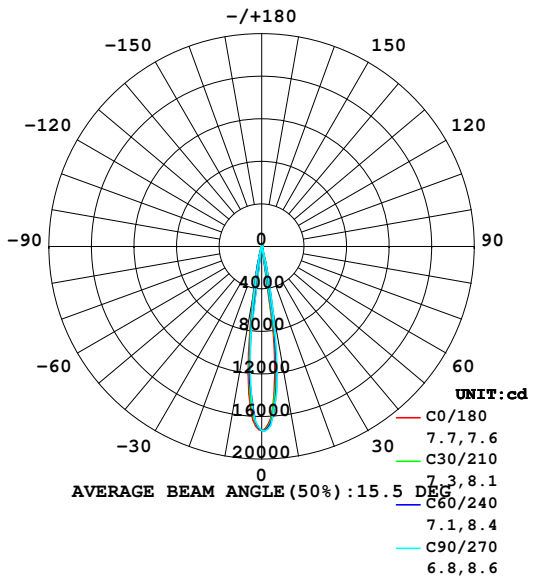
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.17V I:0.0788A P:18.053W PF:0.9958 Freq:50.09Hz Lamp Flux:2153.43x1 lm		
NAME: NEBULA	TYPE:FLOOD LIGHTS	WEIGHT:0.970Kg
SPEC.:3000K, CITI 1, BA-12°, 90 CRI	DIM.: Ø104 x 163 x 194	SERIAL No.:INT/2026/01/84
MFR.: K-LITE	SUR.:	Shielding Angle:

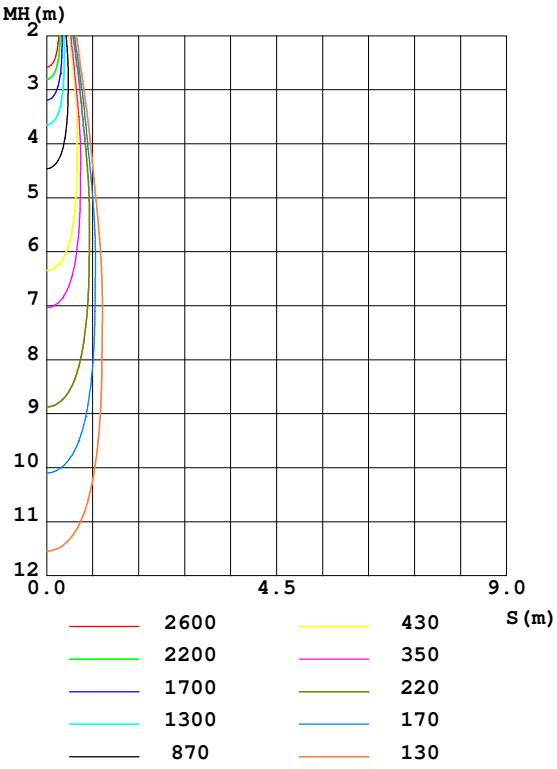
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 81.95 lm/W	
MODEL	KL-22782	Imax(cd)	17355	S/MH(C0/180)	0.25
NOMINAL POWER(W)	18	LOR(%)	68.7	S/MH(C90/270)	0.24
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	1479.5	η UP,DN(C0-180)	0.0,37.5
NOMINAL FLUX(lm)	2153.43	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,31.2
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	68.7	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):15.5 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:24.4DEG
Operators:K-LITE
Test Date:31 January 2026

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417
Humidity:46.8%
Test Distance:2.007m [K=1.0000]
Remarks: