

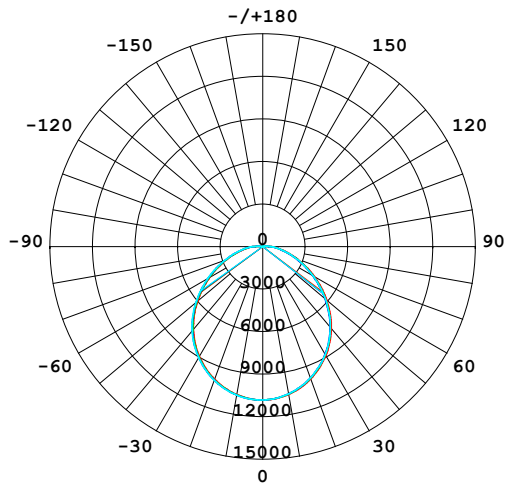
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

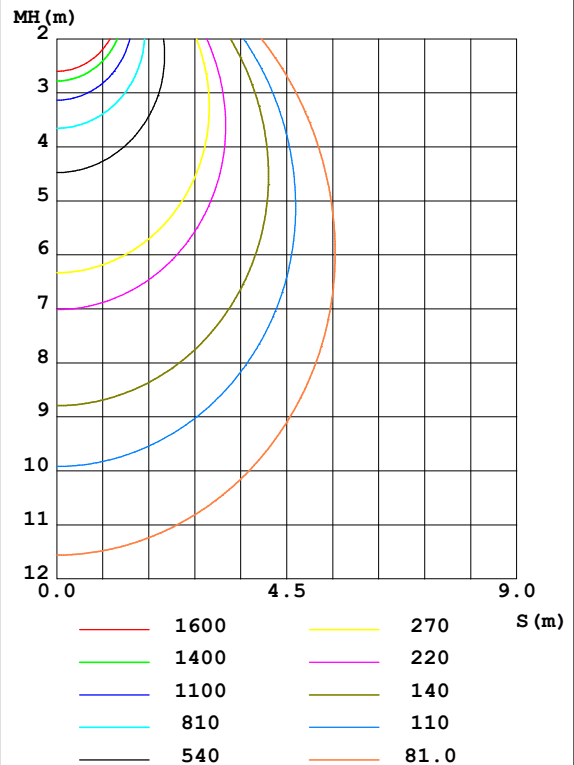
Test:U:220.13V I:0.8637A P:182.6W PF:0.9596 Freq:49.99Hz UTHDi:0% ITHDi:0% Lamp Flux:30530 lm					
NAME: KM700-50DK		TYPE: I		WEIGHT:	
SPEC.: 180W		DIM.:		SERIAL No.:	
MFR.: EVERFINE		SUR.:		Shielding Angle:	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 167.2 lm/W
MODEL	KM700-50DK	I _{max} (cd)	10824	S/MH (C0/180)	1.23	
NOMINAL POWER (W)	180	LOR (%)	100.0	S/MH (C90/270)	1.24	
RATED VOLTAGE (V)	88.0609	TOTAL FLUX (lm)	30530	η UP, DN (C0-180)	0.9, 48.1	
NOMINAL FLUX (lm)	30530	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.9, 50.1	
LAMPS INSIDE	1	η up (%)	1.9	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	220	η down (%)	98.1	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: li yan feng
Test Date: 27 September 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 3.300m [K=1.0000]
Remarks: