

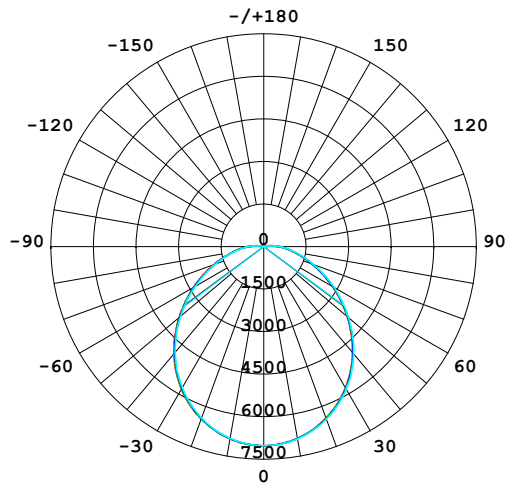
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

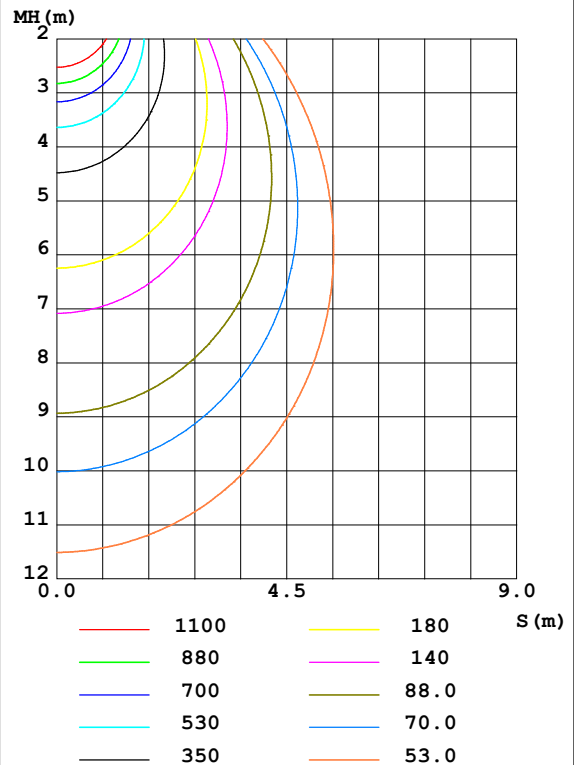
Test:U:220.30V I:0.5772A P:120.9W PF:0.9487 Freq:49.99Hz UTHDi:0% ITHDi:0% Lamp Flux:20300 lm		
NAME: KM400-50DK	TYPE: I	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 167.9 lm/W			
MODEL	KM400-50DK	I _{max} (cd)	7023	S/MH (C0/180)	1.24
NOMINAL POWER (W)	120	LOR (%)	100.0	S/MH (C90/270)	1.22
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	20305	η UP, DN (C0-180)	1.3, 49.0
NOMINAL FLUX (lm)	20300	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.2, 48.6
LAMPS INSIDE	1	η up (%)	2.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	97.5	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: 23 August 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 3.280m [K=1.0000]
Remarks: