

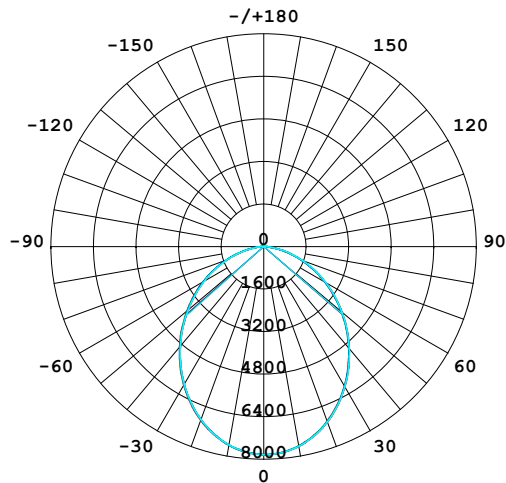
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

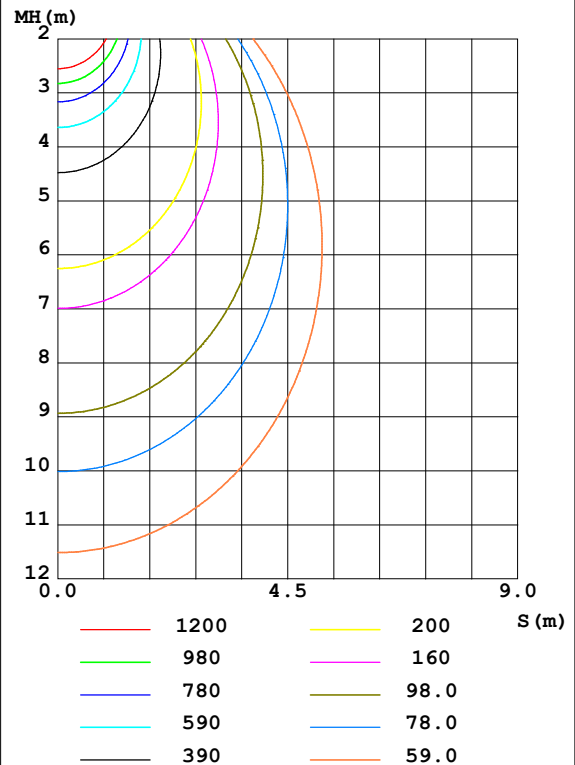
Test:U:220.26V I:0.5789A P:120.9W PF:0.9495 Freq:49.99Hz UTHDi:0% ITHDi:0% Lamp Flux:18930 lm		
NAME: KM400-50HK	TYPE: I	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 156.6 lm/W			
MODEL	KM400-50HK	I _{max} (cd)	7824	S/MH (C0/180)	1.15
NOMINAL POWER (W)	120.9	LOR (%)	100.0	S/MH (C90/270)	1.15
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	18930	η UP, DN (C0-180)	0.3, 50.2
NOMINAL FLUX (lm)	18930	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.3, 49.2
LAMPS INSIDE	1	η up (%)	0.5	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	99.5	CIBSE SHR MAX	1.30

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: 11 October 2024

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 3.340m [K=1.0000]
Remarks: