

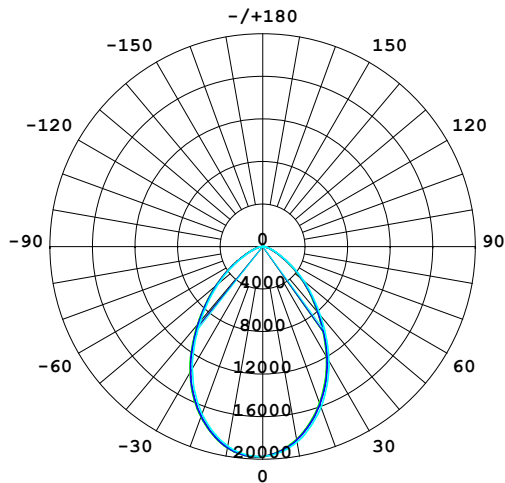
## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## LUMINAIRE PHOTOMETRIC TEST REPORT

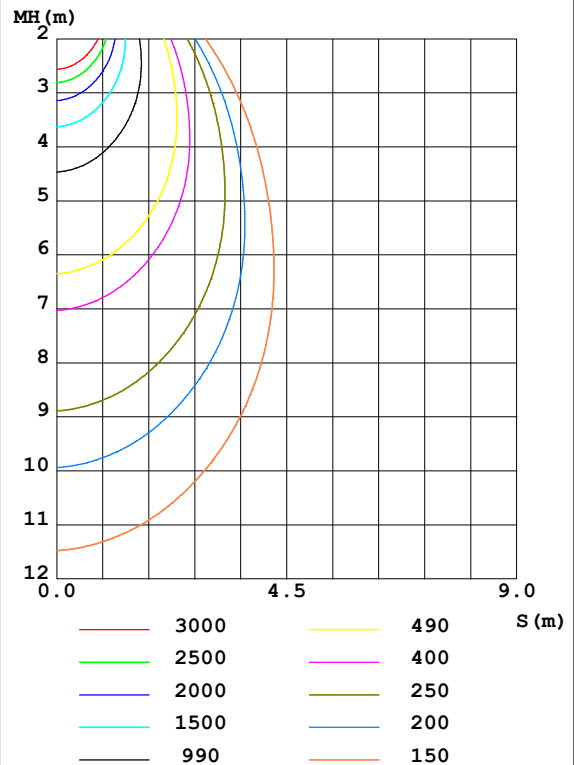
|                                                                                               |         |                  |
|-----------------------------------------------------------------------------------------------|---------|------------------|
| Test:U:220.14V I:0.8659A P:182.6W PF:0.9596 Freq:49.99Hz UTHDi:0% ITHDi:0% Lamp Flux:31670 lm |         |                  |
| NAME: KM700-50HT                                                                              | TYPE: I | WEIGHT:          |
| SPEC.: 180W                                                                                   | DIM.:   | SERIAL No.:      |
| MFR.: EVERFINE                                                                                | SUR.:   | Shielding Angle: |

| DATA OF LAMP      |            | PHOTOMETRIC DATA Eff: 173.4 lm/W |        |                     |           |
|-------------------|------------|----------------------------------|--------|---------------------|-----------|
| MODEL             | KM700-50HT | I <sub>max</sub> (cd)            | 19780  | S/MH (C0/180)       | 1.07      |
| NOMINAL POWER (W) | 180        | LOR (%)                          | 100.0  | S/MH (C90/270)      | 1.05      |
| RATED VOLTAGE (V) | 88.0609    | TOTAL FLUX (lm)                  | 31670  | η UP, DN (C0-180)   | 0.3, 48.4 |
| NOMINAL FLUX (lm) | 31670      | CIE CLASS                        | DIRECT | η UP, DN (C180-360) | 0.2, 51.1 |
| LAMPS INSIDE      | 1          | η up (%)                         | 0.5    | CIBSE SHR NOM       | 1.00      |
| TEST VOLTAGE (V)  | 220        | η down (%)                       | 99.5   | CIBSE SHR MAX       | 1.10      |

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: 28 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: 3.280m [K=1.0000]  
Remarks: