

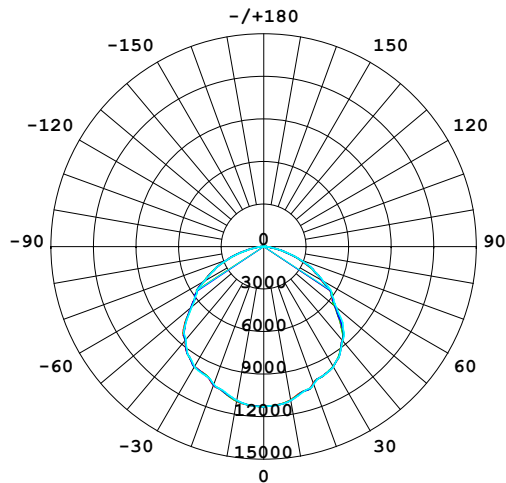
## EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

## LUMINAIRE PHOTOMETRIC TEST REPORT

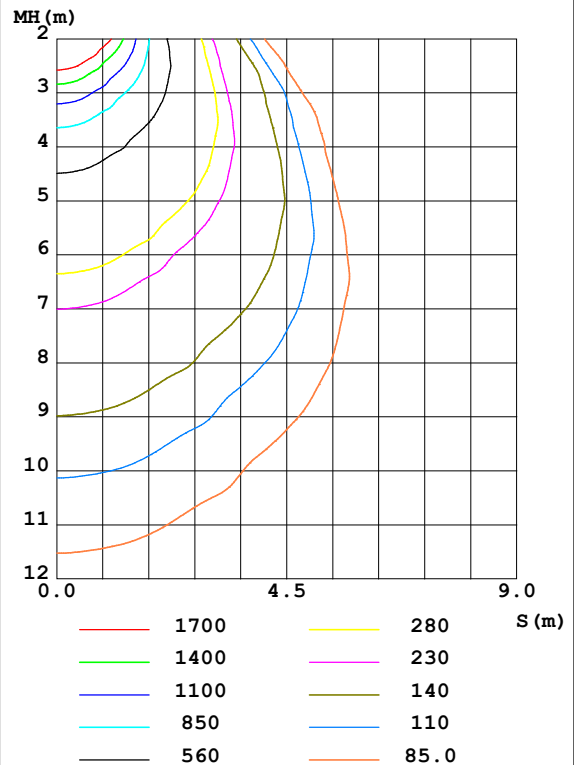
|                                                                                               |         |                  |
|-----------------------------------------------------------------------------------------------|---------|------------------|
| Test:U:220.13V I:0.8651A P:182.6W PF:0.9596 Freq:49.99Hz UTHDi:0% ITHDi:0% Lamp Flux:31900 lm |         |                  |
| NAME: KM700-50DT                                                                              | TYPE: I | WEIGHT:          |
| SPEC.: 180W                                                                                   | DIM.:   | SERIAL No.:      |
| MFR.: EVERFINE                                                                                | SUR.:   | Shielding Angle: |

| DATA OF LAMP     |            | PHOTOMETRIC DATA Eff: 174.7 lm/W |        |                   |          |
|------------------|------------|----------------------------------|--------|-------------------|----------|
| MODEL            | KM700-50DT | I <sub>max</sub> (cd)            | 11290  | S/MH(C0/180)      | 1.29     |
| NOMINAL POWER(W) | 180        | LOR(%)                           | 100.0  | S/MH(C90/270)     | 1.29     |
| RATED VOLTAGE(V) | 88.0609    | TOTAL FLUX(lm)                   | 31900  | η UP,DN(C0-180)   | 0.4,49.6 |
| NOMINAL FLUX(lm) | 31900      | CIE CLASS                        | DIRECT | η UP,DN(C180-360) | 0.4,49.6 |
| LAMPS INSIDE     | 1          | η up(%)                          | 0.7    | CIBSE SHR NOM     | 1.25     |
| TEST VOLTAGE(V)  | 220        | η down(%)                        | 99.3   | 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: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:3.290m [K=1.0000]  
Remarks: