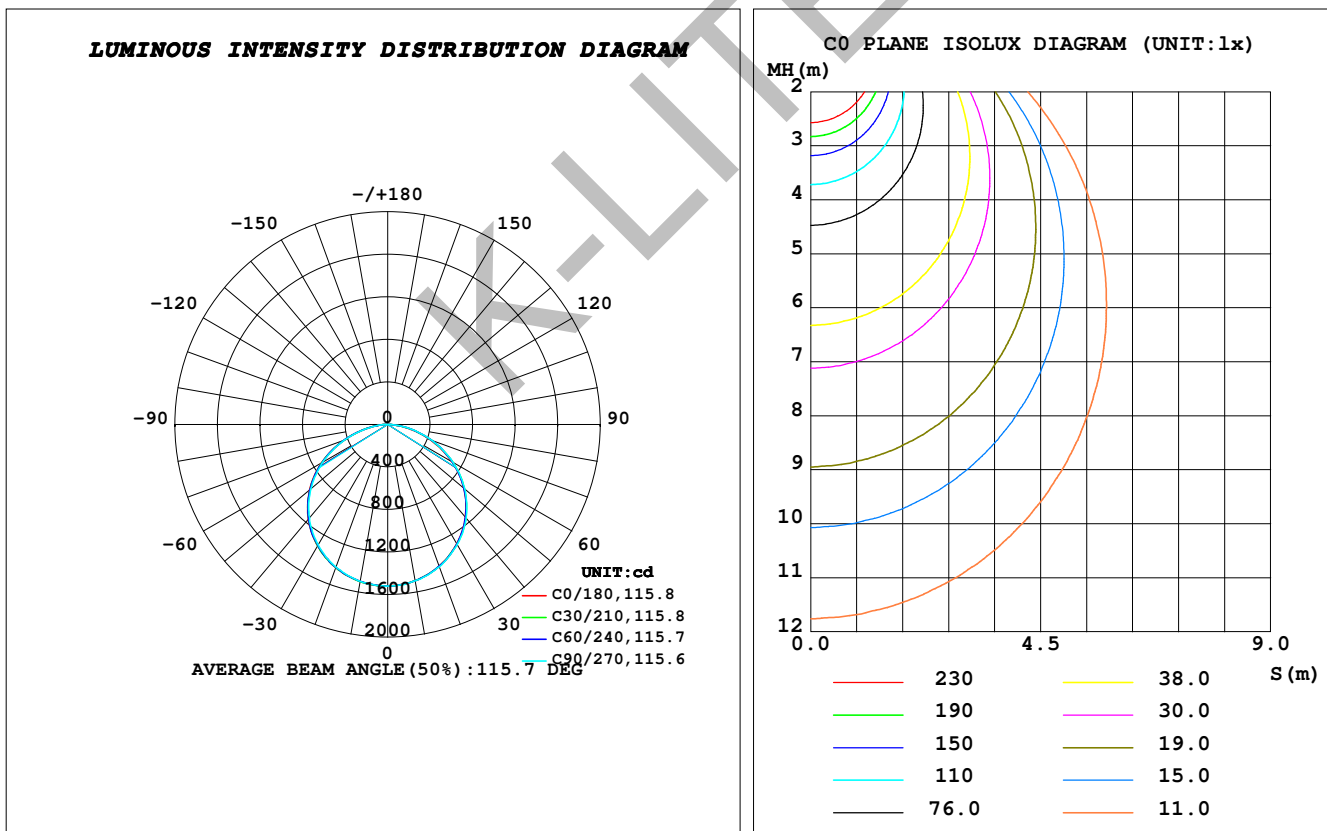


### LUMINAIRE PHOTOMETRIC TEST REPORT

|   |                        |                       |
|---|------------------------|-----------------------|
| Test:U:230.18V I:0.3057A P:39.416W PF:0.9810 Freq:49.98Hz Lamp Flux:4914x1 lm |                        |                       |
| NAME: POLAR PANEL   | TYPE: RECESSED CEILING | WEIGHT:               |
| SPEC.: CW, OSRAM  | DIM.: 596 x 596 x 32   | SERIAL No.: 0922      |
| MFR.: K-LITE  | SUR.:                  | Shielding Angle: 120° |

| DATA OF LAMP      |         | PHOTOMETRIC DATA |        |                     |           |
|-------------------|---------|------------------|--------|---------------------|-----------|
| MODEL             | KL-2281 | Imax (cd)        | 1524   | S/MH (C0/180)       | 1.29      |
| NOMINAL POWER (W) | 40      | LOR (%)          | 91.3   | S/MH (C90/270)      | 1.28      |
| RATED VOLTAGE (V) | 230     | TOTAL FLUX (lm)  | 4486.6 | η UP, DN (C0-180)   | 0.0, 45.7 |
| NOMINAL FLUX (lm) | 4914    | CIE CLASS        | DIRECT | η UP, DN (C180-360) | 0.0, 45.6 |
| LAMPS INSIDE      | 1       | η up (%)         | 0.0    | CIBSE SHR NOM       | 1.25      |
| TEST VOLTAGE (V)  | 230     | η down (%)       | 91.3   | CIBSE SHR MAX       | 1.35      |



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: K-LITE  
 Test Date: 16 January 2020

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.417  
 Humidity: 65.0%  
 Test Distance: 1.825m [K=1.0000]  
 Remarks: