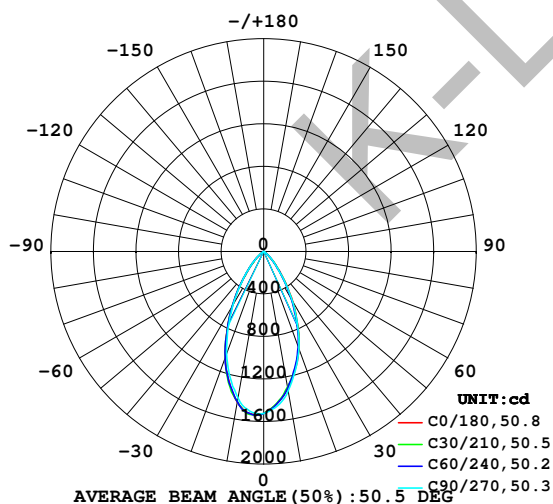


## LUMINAIRE PHOTOMETRIC TEST REPORT

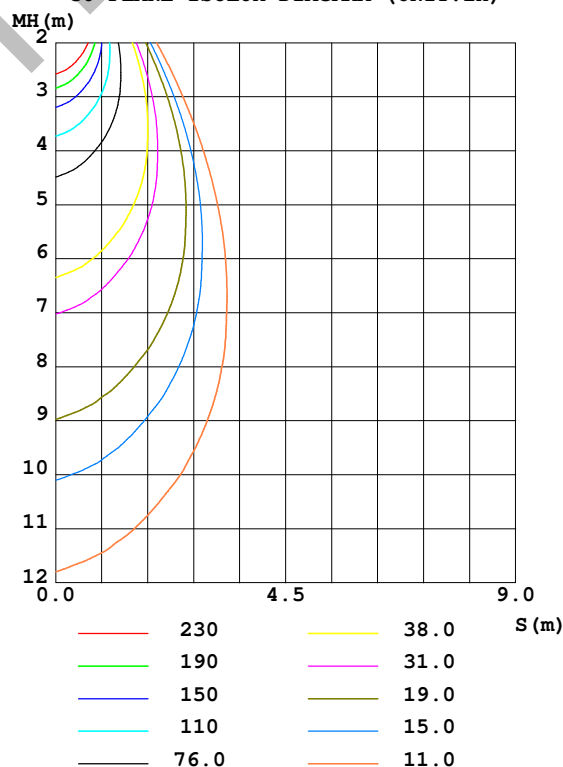
|                                                                                 |                        |                      |
|---------------------------------------------------------------------------------|------------------------|----------------------|
| Test:U:230.17V I:0.0844A P:18.099W PF:0.9320 Freq:50.00Hz Lamp Flux:2330.2x1 lm |                        |                      |
| NAME: DIYA                                                                      | TYPE: RECESSED CEILING | WEIGHT:              |
| SPEC.: WW, CITIZEN                                                              | DIM.: Ø140 x 90        | SERIAL No.: 0493     |
| MFR.: K-LITE                                                                    | SUR.:                  | Shielding Angle: 45° |

| DATA OF LAMP      |         | PHOTOMETRIC DATA      |        |                     |           | Eff: 65.18 lm/W |
|-------------------|---------|-----------------------|--------|---------------------|-----------|-----------------|
| MODEL             | KL-4242 | I <sub>max</sub> (cd) | 1542   | S/MH (C0/180)       | 0.82      |                 |
| NOMINAL POWER (W) | 20      | LOR (%)               | 50.6   | S/MH (C90/270)      | 0.79      |                 |
| RATED VOLTAGE (V) | 230     | TOTAL FLUX (lm)       | 1179.6 | η UP, DN (C0-180)   | 0.0, 24.7 |                 |
| NOMINAL FLUX (lm) | 2330.2  | CIE CLASS             | DIRECT | η UP, DN (C180-360) | 0.0, 25.9 |                 |
| LAMPS INSIDE      | 1       | η up (%)              | 0.0    | CIBSE SHR NOM       | 0.75      |                 |
| TEST VOLTAGE (V)  | 230     | η down (%)            | 50.6   | CIBSE SHR MAX       | 0.85      |                 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: K-LITE  
 Test Date: 03 December 2019

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: