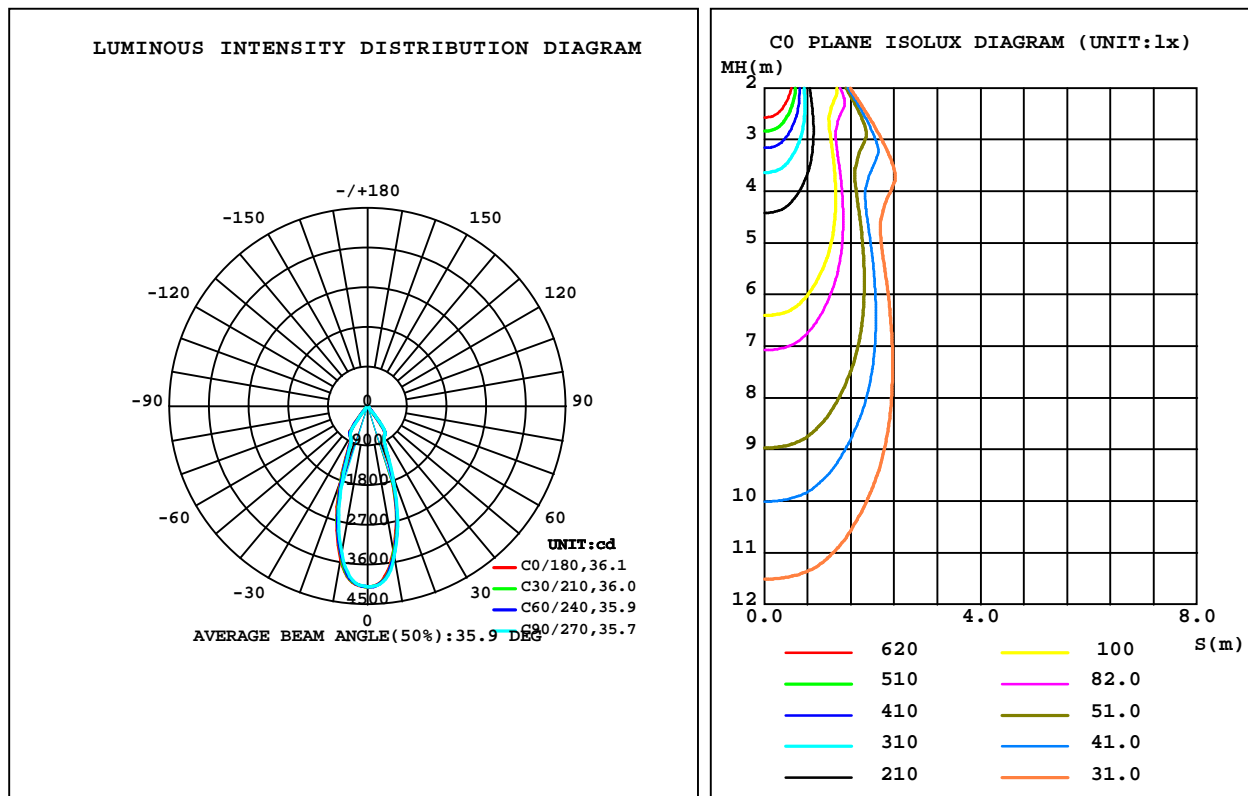


## LUMINAIRE PHOTOMETRIC TEST REPORT

|   |                  |                       |
|---|------------------|-----------------------|
| Test:U:120.10V I:0.2499A P:29.678W PF:0.9873 Freq:59.98Hz Lamp Flux:2789.5x1 lm |                  |                       |
| NAME: 1419.215  | TYPE:            | WEIGHT:               |
| SPEC.:3000K   | DIM.:            | SERIAL No.:2104150214 |
| MFR.: RISE  | SUR.:0.0038465m2 | Shielding Angle:      |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 66.42 lm/W |        |                   |          |
|------------------|---------|----------------------------------|--------|-------------------|----------|
| MODEL            | CITIZEN | I <sub>max</sub> (cd)            | 4103   | S/MH(C0/180)      | 0.59     |
| NOMINAL POWER(W) | 30      | LOR(%)                           | 70.7   | S/MH(C90/270)     | 0.57     |
| RATED VOLTAGE(V) | 120     | TOTAL FLUX(lm)                   | 1971.3 | h UP,DN(C0-180)   | 0.0,35.3 |
| NOMINAL FLUX(lm) | 2789.5  | CIE CLASS                        | DIRECT | h UP,DN(C180-360) | 0.0,35.3 |
| LAMPS INSIDE     | 1       | h up(%)                          | 0.0    | CIBSE SHR NOM     | 0.50     |
| TEST VOLTAGE(V)  | 120     | h down(%)                        | 70.7   | CIBSE SHR MAX     | 0.55     |



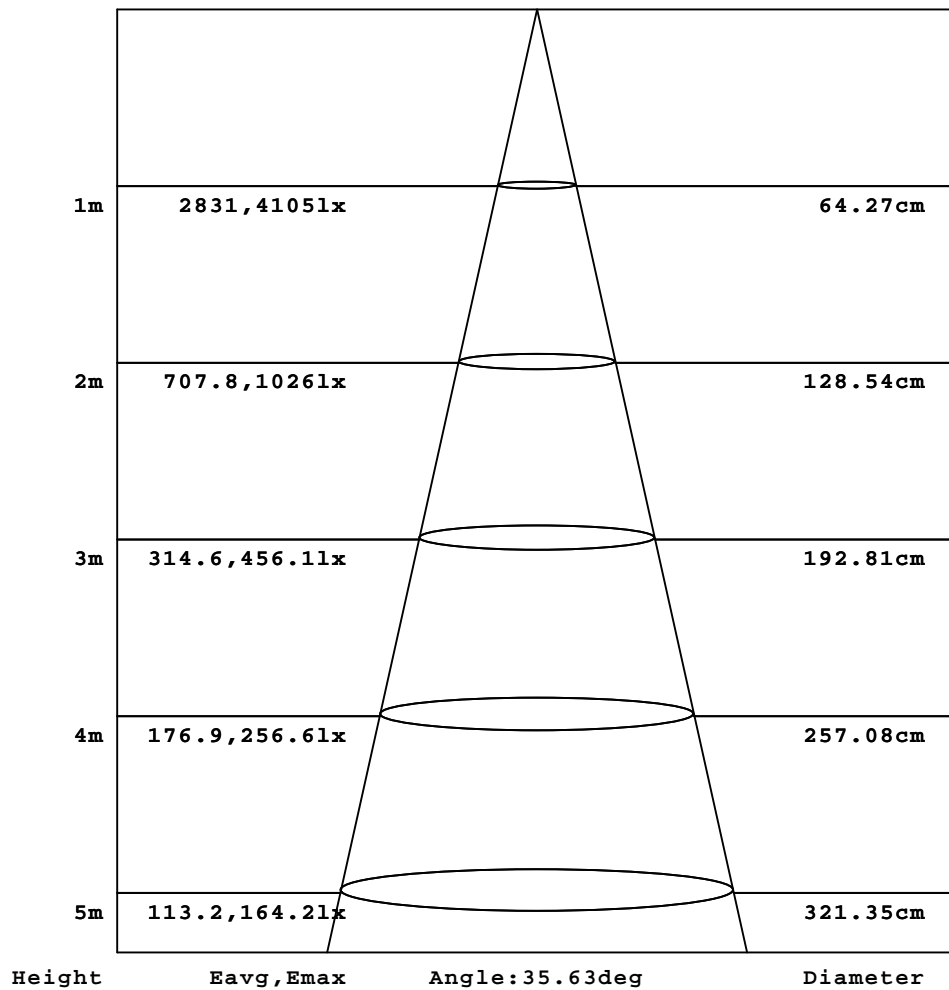
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2021-04-15

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
Test Distance:3.160m [K=1.0000]  
Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90  
REFLECTOR : PM-0055 35R  
DRIVER:ES-LD028H-CU7042-M28E 700mA  
30minutes warm-up

## AAI Figure

|   |                  |                       |
|---|------------------|-----------------------|
| Test:U:120.10V I:0.2499A P:29.678W PF:0.9873 Freq:59.98Hz Lamp Flux:2789.5x1 lm |                  |                       |
| NAME: 1419.215  | TYPE:            | WEIGHT:               |
| SPEC.:3000K   | DIM.:            | SERIAL No.:2104150214 |
| MFR.: RISE  | SUR.:0.0038465m2 | Shielding Angle:      |

Flux out:939.0 lm



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Zoe  
Test Date:2021-04-15

g Range: 0 - 180DEG  
Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.416  
Humidity:65.0%  
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Remarks: LAMP:CLU028-1204C4-303H5M3-F1 Ra:90  
REFLECTOR : PM-0055 35R  
DRIVER:ES-LD028H-CU7042-M28E 700mA  
30minutes warm-up