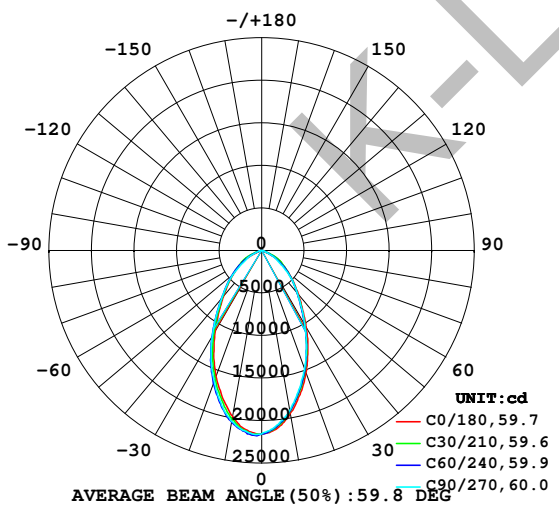
# LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|---|---|
| Test:U:229.84V I:0.8069A P:180.31W PF:0.9722 Freq:50.18Hz Lamp Flux:28186.8x1 lm | | |
| NAME: POLAR PRIME HIGH BAY 3 | TYPE:INDUSTRIAL LUMINAIRES | WEIGHT: |
| SPEC.:NW, LUMILED | DIM.: 342 x 235 x 245 | SERIAL No.:3763 |
| MFR.: K-LITE | SUR.: | Shielding Angle:60° |

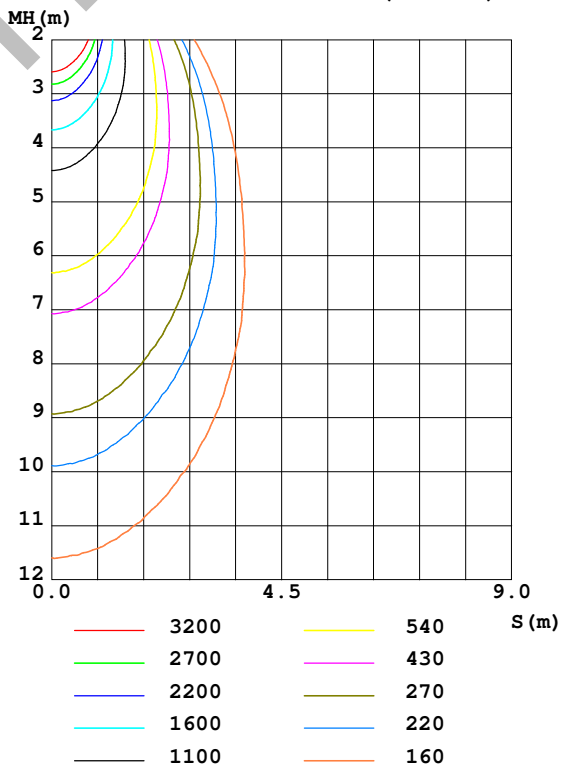
| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 151.19 lm/W | | | |
|---|---|---|---|---|---|
| MODEL | KL-3189 | Imax(cd) | 21777 | S/MH(C0/180) | 0.88 |
| NOMINAL POWER(W) | 3 x 60 | LOR(%) | 96.7 | S/MH(C90/270) | 0.92 |
| RATED VOLTAGE(V) | 230 | TOTAL FLUX(lm) | 27261 | η UP,DN(C0-180) | 0.0,46.4 |
| NOMINAL FLUX(lm) | 28186.8 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,50.3 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.75 |
| TEST VOLTAGE(V) | 230 | η down(%) | 96.7 | CIBSE SHR MAX | 0.95 |

***LUMINOUS INTENSITY DISTRIBUTION DIAGRAM***




AVERAGE BEAM ANGLE(50%):59.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)




K-LITE

***C Range: 0 - 360DEG***
***C Interval: 10.0DEG***
***Test Speed: HIGH***
***Temperature:25.3DEG***
***Operators:K-LITE***
***Test Date:08 November 2021***

***γ Range: 0 - 90DEG***
***γ Interval: 0.5DEG***
***Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.417***
***Humidity:65.0%***
***Test Distance:1.825m [K=1.0000]***
***Remarks:***