

## **Pilot Project, Cesky Brod**

Warehouse

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RFQ #: 1008-LCY-230

Date: 09.08.2010  
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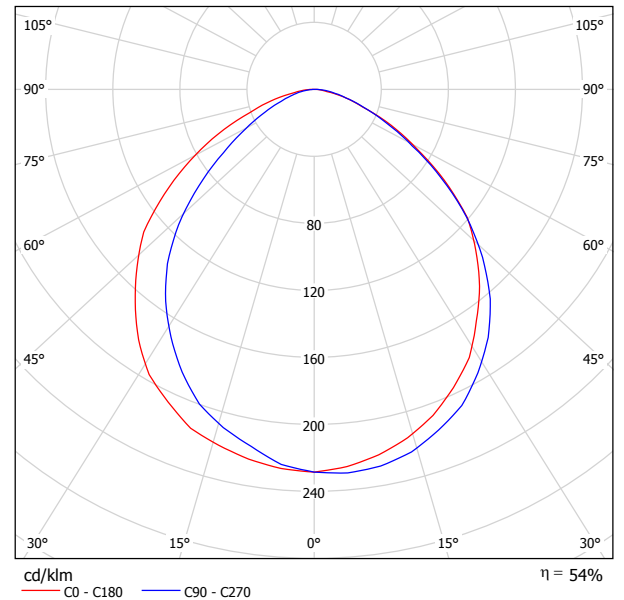
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### U-Tron Lucas III 114 / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



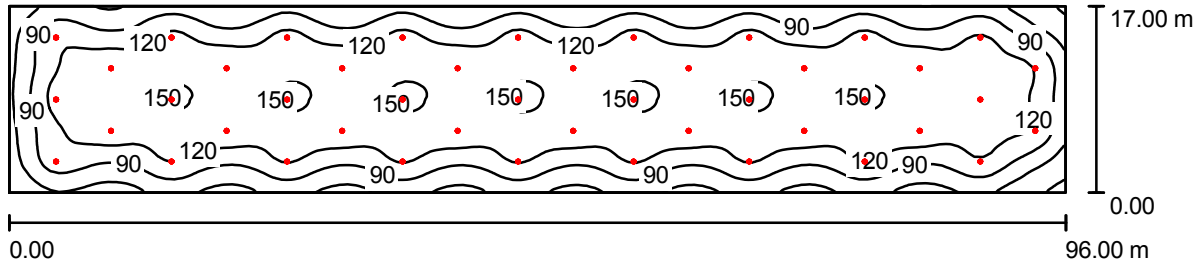
Luminaire classification according to CIE: 100  
CIE flux code: 55 87 98 100 54

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

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**BatLED-114 Ceiling Light / Summary**



Height of Room: 6.000 m, Mounting Height: 6.000 m, Light loss factor: 0.80

Values in Lux, Scale 1:687

| Surface   | $\rho$ [%] | $E_{av}$ [lx] | $E_{min}$ [lx] | $E_{max}$ [lx] | $u_0$ |
|-----------|------------|---------------|----------------|----------------|-------|
| Workplane | /          | 116           | 25             | 157            | 0.220 |
| Floor     | 27         | 111           | 30             | 147            | 0.266 |
| Ceiling   | 70         | 25            | 14             | 30             | 0.564 |
| Walls (4) | 27         | 48            | 16             | 87             | /     |

**Workplane:**

Height: 0.850 m  
 Grid: 128 x 128 Points  
 Boundary Zone: 0.000 m

Illuminance Quotient (according to LG7): Walls / Working Plane: 0.408, Ceiling / Working Plane: 0.214.

**Luminaire Parts List**

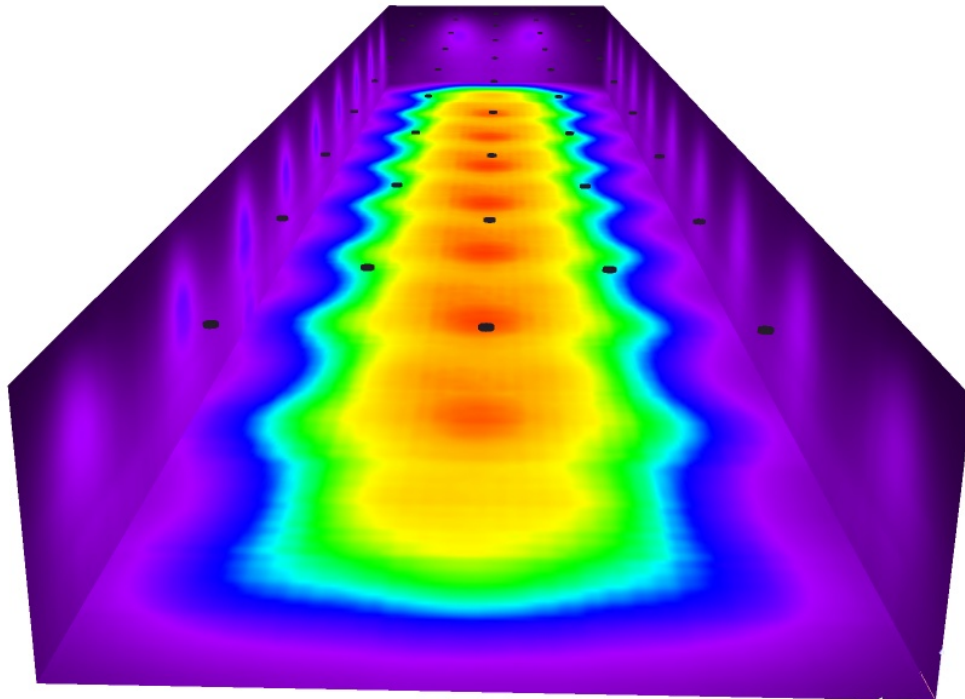
| No.    | Pieces | Designation (Correction Factor) | $\Phi$ [lm] | P [W]  |
|--------|--------|---------------------------------|-------------|--------|
| 1      | 45     | U-Tron Lucas III 114 (1.000)    | 9918        | 135.0  |
| Total: |        |                                 | 446310      | 6075.0 |

Specific connected load:  $3.72 \text{ W/m}^2 = 3.22 \text{ W/m}^2/100 \text{ lx}$  (Ground area:  $1632.00 \text{ m}^2$ )

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### BatLED-114 Ceiling Light / False Color Rendering



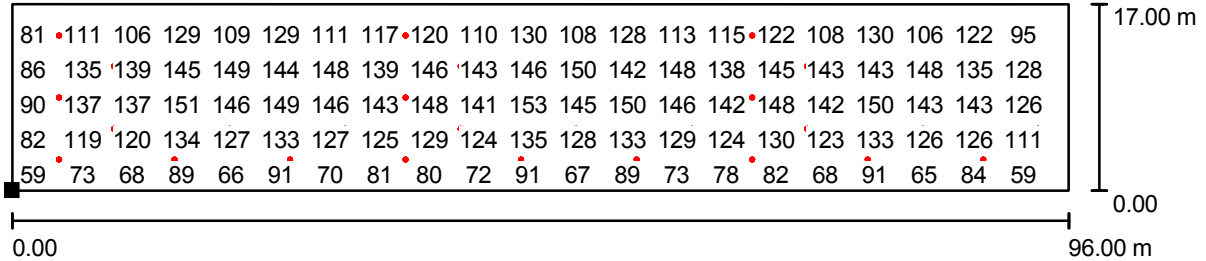
0      75      100      110      120      130      140      150      200

lx

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**BatLED-114 Ceiling Light / Workplane / Value Chart (E)**



Values in Lux, Scale 1 : 687

Not all calculated values could be displayed.

Position of surface in room:  
 Marked point:  
 (0.000 m, 0.000 m, 0.850 m)



Grid: 128 x 128 Points

|               |                |                |       |                     |
|---------------|----------------|----------------|-------|---------------------|
| $E_{av}$ [lx] | $E_{min}$ [lx] | $E_{max}$ [lx] | $u0$  | $E_{min} / E_{max}$ |
| 116           | 25             | 157            | 0.220 | 0.162               |