

# HOLLAND CASINO

## LUCOLED PV44



- *5 years warranty*  
*First 2 years extended warranty*
- *Lucolense prismatic angle technology*
- *Highest efficacy*
- *Constant Current Technology*
- *Narrow white binning*

**Lucoled Premium Value PV44 modules** offer a high quality and efficient backlit solution for lightboxes and channel letters between 80 and 140mm deep.

Using the latest high efficient LED technology and high quality optics Lucoled Premium Value series offers industry leading efficacy and coverage. This not only reduces the amount of modules needed for an application, but also the overall power consumption, reducing the total cost of ownership of a project.

Lucoled Premium Value series offers a 2 years extended warranty, making it the optimum choice for your high valued projects and critical installations. Your warranty exposure is reduced to a minimum.

SPECIFICATIONS

- Dimensions 49x39x7.5mm
- Warranty 5 years (first 2 years extended)
- Beam angle: 170°
- Can be cut between every unit
- EL, CE and RoHS compliant
- Narrow white binning
- Constant Current Technology
- Operating temperature -25~+60°C

UL

CE

RoHS

4  
LED

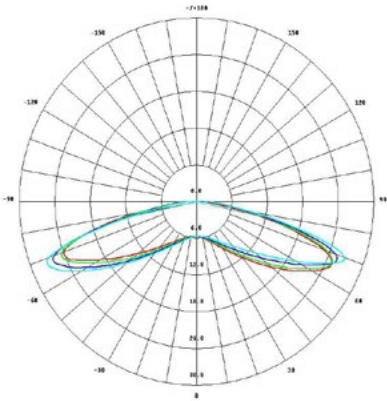
Injection  
Molding  
Device

DC  
24V

IP  
66

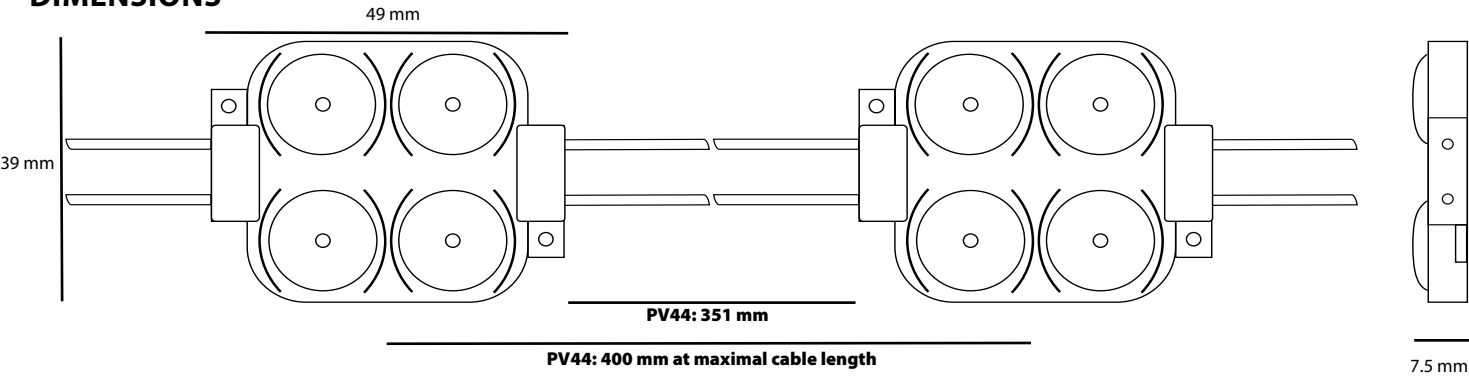
5  
Years

LUMINOUS INTENSITY DISTRIBUTION



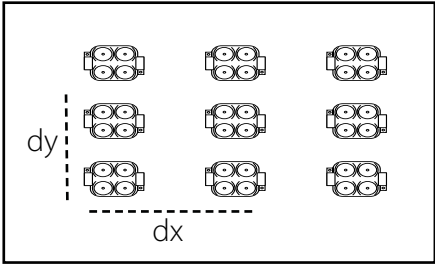
| Item no  | LED colour | CT (K) | CRI | Power (W/mod) | Flux (lm/mod) | Efficacy (lm/W) | Voltage (DC) | Modules per chain | Modules per carton |
|----------|------------|--------|-----|---------------|---------------|-----------------|--------------|-------------------|--------------------|
| PV44-W65 | white      | 6500   | >75 | 1.46          | 224           | 154             | 24           | 55                | 550                |
| PV44-W50 | white      | 5000   | >75 | 1.46          | 224           | 154             | 24           | 55                | 550                |

DIMENSIONS



| Light box depth (mm) | Space between modules (mm) | Installing density (pcs/m <sup>2</sup> ) | Lumen per m <sup>2</sup> (Lm) based on 6500K |
|----------------------|----------------------------|------------------------------------------|----------------------------------------------|
| dz=120               | dx=325, dy=325             | 16                                       | 3584                                         |
| dz=150               | dx=350, dy=350             | 9                                        | 2016                                         |
| dz=200               | dx=400, dy=400             | 4                                        | 896                                          |

Results may vary depending on face material properties. The data above was obtained using 3mm thick opaque acrylic with a 54% light transmittance. Lucoled advises to paint the inside of the box/letters in a matt white colour for achieving an optimal result. Always test before production.



POWER SUPPLY CAPACITY 24V SERIES

| Item                         | xx2430 | xx2460 | xx24100 | xx24150 | VP24240 | VP24400 |
|------------------------------|--------|--------|---------|---------|---------|---------|
| Power Output                 | 30W    | 60W    | 100W    | 150W    | 240W    | 400W    |
| PV44 modules / power supply  | 18     | 38     | 63      | 94      | 148     | 246     |
| Maximum 55 modules per chain |        |        |         |         |         |         |

PACKAGING

| Item | Qty (pcs/bag) | Qty (bag / carton) | Total Qty (pcs / carton) | Total weight (kg) | Carton size (LxWxH) in mm |
|------|---------------|--------------------|--------------------------|-------------------|---------------------------|
| PV44 | 55            | 10                 | 550                      | 12,0              | 528 x 376 x 272           |