



## BATH + LIGHT



### INSTARAY 24W

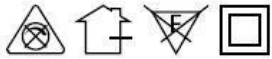
INSTARAY SLIM LINEAR

Indoor Luminaire

Product Code:

LINRSL2T24XC / LINRSL2T24XN / LINRSL2T24XW

24W - 2040lm - 6500K - CRI>70 Ra - Beam Angle 36°



### Technical Specifications

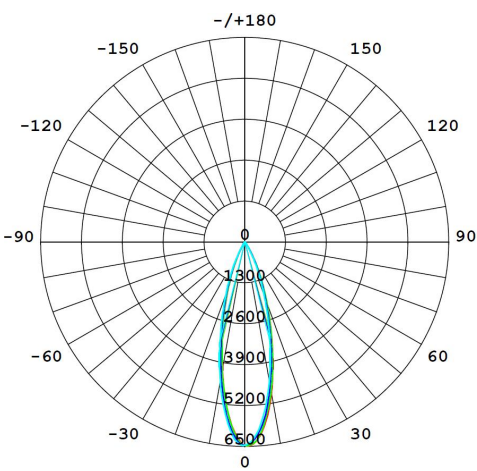
|                                    |  |
|------------------------------------|--|
| Operating Temperature              | -10°C to 45°C                                      |
| Rated Input Voltage & Frequency    | 48V DC   |
| Rated Input Wattage                | 24W ± 10%  |
| Rated Input Current                | 0.500 Amp (Nominal)                                |
| Rated Luminous Flux                | 2040 lm / 1920 lm / 1800 lm (tolerance as per BIS) |
| Rated Luminaire Efficacy           | 85 lm/W / 80 lm/W / 75 lm/W (tolerance as per BIS) |
| Correlated Color Temperature (CCT) | 6500 K / 4000 K / 3000 K (tolerance as per ANSI)   |
| Color Rendering Index (CRI)        | >70 Ra   |
| Beam Angle                         | 36° (within the permissible limits)                |
| Driver Efficiency                  | ≥88%   |
| LED Life Span                      | >50000 Hrs (Ta=25°C @L70)                          |
| Housing                            | Die Cast Aluminium & Polycarbonate                 |
| Lens / Reflector                   | Polycarbonate Clear Diffuser with Lens             |
| Mounting                           | Surface with Magnetic Track Channel                |

### Protections

|                                   |          |
|-----------------------------------|----------|
| Over Voltage Protection           | NA       |
| Surge Protection                  | ±2.0KV   |
| Protection Class                  | NA       |
| Ingress Protection (IP Rating)    | IP20     |
| Impact Protection (IK Rating)     | NA       |
| Short Circuit Protection          | Provided |
| Open Circuit Protection (No Load) | Provided |
| Reverse Polarity Protection       | Provided |

All technical data is subject to industry-standard tolerances.

Light Distribution



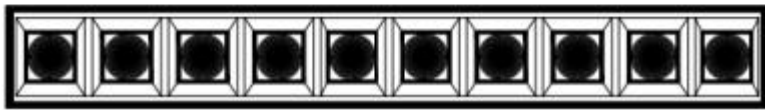
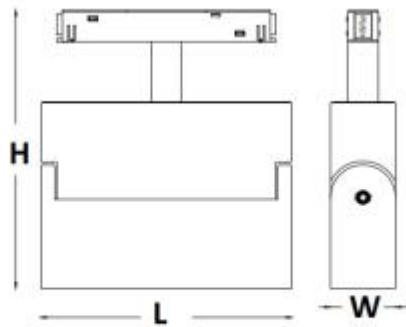
UGR Table

|  |                  |      |      |      |      |                |      |     |      |      |
|--|------------------|------|------|------|------|----------------|------|-----|------|------|
| ceiling/cavity   | 0.7              | 0.7  | 0.5  | 0.5  | 0.3  | 0.7            | 0.7  | 0.5 | 0.5  | 0.3  |
| walls  | 0.5              | 0.3  | 0.5  | 0.3  | 0.3  | 0.5            | 0.3  | 0.5 | 0.3  | 0.3  |
| working plane  | 0.2              | 0.2  | 0.2  | 0.2  | 0.2  | 0.2            | 0.2  | 0.2 | 0.2  | 0.2  |
| Room dimensions  | Viewed crosswise |      |      |      |      | Viewed endwise |      |     |      |      |
| x = 2H y = 2H  | 11.5             | 12.2 | 11.7 | 12.4 | 12.5 | 9.7            | 10.4 | 9.9 | 10.5 | 10.7 |
| 3H   | 11.4             | 12.0 | 11.6 | 12.2 | 12.4 | 9.5            | 10.2 | 9.8 | 10.4 | 10.5 |
| 4H   | 11.3             | 11.9 | 11.5 | 12.1 | 12.3 | 9.4            | 10.1 | 9.7 | 10.3 | 10.5 |
| 6H   | 11.2             | 11.8 | 11.5 | 12.0 | 12.3 | 9.4            | 9.9  | 9.6 | 10.2 | 10.4 |
| 8H   | 11.2             | 11.7 | 11.5 | 12.0 | 12.2 | 9.3            | 9.9  | 9.6 | 10.1 | 10.4 |
| 12H  | 11.1             | 11.7 | 11.4 | 11.9 | 12.2 | 9.3            | 9.8  | 9.6 | 10.1 | 10.3 |
| 4H 2H  | 11.3             | 11.9 | 11.6 | 12.1 | 12.3 | 9.5            | 10.1 | 9.7 | 10.3 | 10.5 |
| 3H   | 11.1             | 11.7 | 11.4 | 11.9 | 12.2 | 9.3            | 9.8  | 9.6 | 10.1 | 10.4 |
| 4H   | 11.0             | 11.5 | 11.4 | 11.8 | 12.1 | 9.2            | 9.7  | 9.5 | 10.0 | 10.3 |
| 6H   | 10.9             | 11.4 | 11.3 | 11.7 | 12.0 | 9.1            | 9.5  | 9.5 | 9.9  | 10.2 |
| 8H   | 10.9             | 11.3 | 11.3 | 11.6 | 12.0 | 9.0            | 9.4  | 9.4 | 9.8  | 10.2 |
| 12H  | 10.8             | 11.2 | 11.2 | 11.6 | 11.9 | 9.0            | 9.4  | 9.4 | 9.7  | 10.1 |
| 8H 4H  | 10.9             | 11.3 | 11.3 | 11.6 | 12.0 | 9.0            | 9.4  | 9.4 | 9.8  | 10.2 |
| 6H   | 10.8             | 11.1 | 11.2 | 11.5 | 11.9 | 8.9            | 9.3  | 9.3 | 9.7  | 10.1 |
| 8H   | 10.7             | 11.0 | 11.1 | 11.4 | 11.9 | 8.9            | 9.2  | 9.3 | 9.6  | 10.0 |
| 12H  | 10.6             | 10.9 | 11.1 | 11.3 | 11.8 | 8.8            | 9.1  | 9.3 | 9.5  | 10.0 |
| 12H 4H   | 10.8             | 11.2 | 11.2 | 11.6 | 11.9 | 9.0            | 9.4  | 9.4 | 9.7  | 10.1 |
| 6H   | 10.7             | 11.0 | 11.1 | 11.4 | 11.9 | 8.9            | 9.2  | 9.3 | 9.6  | 10.0 |
| 8H   | 10.6             | 10.9 | 11.1 | 11.3 | 11.8 | 8.8            | 9.1  | 9.3 | 9.5  | 10.0 |
| Variations with the observer position at spacings (CIE Pub.117): |                  |      |      |      |      |                |      |     |      |      |
| S = 1.0H   | + 3.6 / - 9.9    |      |      |      |      | + 3.3 / -10.6  |      |     |      |      |
| 1.5H   | + 5.7 / - 6.8    |      |      |      |      | + 5.3 / - 6.3  |      |     |      |      |
| 2.0H   | + 4.3 / - 7.0    |      |      |      |      | + 4.7 / -11.0  |      |     |      |      |

With our continuous efforts to upgrade the technology/product, all product specifications and data are subject to change without prior notice. We always try to maintain the accuracy of our product images, but due to different viewing conditions, the colors may vary. Images are only for indicative purpose.

## Product Dimensions (L x W x H)

270 x 35 x 150 mm (Tol.  $\pm 5$  mm)



## Applications

Residences, Offices, Small Retail Shops, Hotels, Coffee Shops, Restaurants, Hospitals, area lighting and for other indoor applications.