



Freezer Vertical

# Orion Vertical

ORION V FREEZER 1776 6500K

Designed to deliver.

ARTICLE: N17851-12X

On time. Easily integrated. Industry leading solution.

Introducing Orion from Nualight. A range of highly efficient, performance driven and cost effective horizontal and vertical LED refrigeration lighting products for refrigerated display cases chiller and freezer doors, chiller canopy and shelves available from stock with short delivery times worldwide. Designed with the latest LED technology, Orion is simple to install and maintain whilst providing visually colour rich, vibrant, high impact retail displays. With lifetime costs cheaper than conventional lighting, Orion also has industry leading lumens per watt output significantly reducing energy bills. Orion from Nualight is offered in a range of lengths, colour temperatures including Red-Tone. There is also a range of complementary cables, brackets and sleeve options, available to order separately.



## KEY BENEFITS

- Fast delivery times for stocked products
- Hassle free ordering through a simplified range with no need for centres, lefts, rights or ends
- Ideal solution for retrofits due to a range of connection options for easy integration into any size case or application
- Industry leading efficacies combined with 50,000 hour lifetimes delivers exceptionally low cost of ownership and quick paybacks
- High quality CRI LED chips provide rich and uniformly lit displays, minimising any visible colour shift throughout the installations lifetime

## Applications

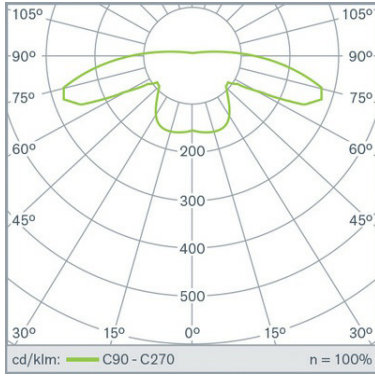
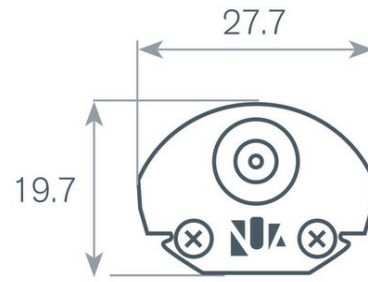
Refrigeration  
Bakery  
Dairy  
Drinks  
Fresh Fish  
Fresh Meat  
Frozen  
Grocery

## Warranty



## Availability

Call + 353 21 486 7636 for more info

**PHOTOMETRY****DIMENSIONAL SKETCH****PERFORMANCE**

**Colour rendering (CRI):** 84 Nominal  
**Colour temperature (CCT):** 6500K  
**Electrical class:** Class III  
**IK rating:** IK02  
**IP rating:** IP54  
**Lumen maintenance:** L70 @ 180,000Hrs  
**Luminaire efficacy (lm/W):** 130  
**Operating temperature (°C):** -30 to + 35  
**Operating voltage:** 24VDC  
**Power (W):** 11  
**Power factor:** > 0.95  
**Rated lifetime:** 50  
**SDCM:** 3  
**Total luminous flux (lm):** 1425

**DIMENSIONS**

**Length (mm):** 1776  
**Width (mm):** 28  
**Height (mm):** 20  
**Weight (kg):** 0.50  
**Materials:** Range contains white RAL9016 polycarbonate extrusion with an optical clear lens

**TECHNICAL****Standards**

|              |             |
|--------------|-------------|
| EN60598-1    | EN61000-3-2 |
| EN60598-2-1  | EN61000-3-3 |
| EN60335-2-24 | EN61000-4-2 |
| EN60335-2-89 | EN61000-4-3 |
| EN62031      | EN61000-4-4 |
| EN62471      | EN61000-4-5 |
| EN61547      | EN61000-4-6 |
| EN62493      | EN61000-4-8 |
| EN55015      |             |

**DRIVER**

**Sold with driver:** No

**PATENTS**

All patents granted  
 US7,513,637  
 US7,976,181  
 US 7,871,176  
 EP1,828,677

