



NUALIGHT

Vantium Centro

Specification Sheet

The Vantium Centro design is for any deep well and coffin case configuration. It enhances merchandising and improves energy efficiency while resolving performance issues typically associated with fluorescent lighting in low temperature retail environments. Vantium Centro is already designed into major global case manufacturers, is fully certified and is easy to retro-fit into existing island stock.



LIGHTING CONSIDERATIONS	VANTIUM SOLUTION	RETAILER BENEFIT
Island (horizontal) freezers have traditionally been illuminated using fluorescent lights or high-power overhead spotlights.	Energy-efficient lighting that is optimally positioned to maximise illumination of food products on display.	Lower energy consumption, brighter illumination on the face of the food products on display and a more robust assembly for greater durability.
Limited options for handrail mounting using fixed length/fragile fluorescent bulbs protected by semi-translucent covers.	Scalable luminaires which can be neatly mounted internally or externally to handrails (projecting light through the glass side panels) .	A continuous and uniform line of illumination. Energy efficient luminaire generate very little heat which in turn reduces the energy load on the refrigeration unit. Externally mounted luminaires eliminate any heat load on the refrigeration cycle.
The trend in island freezers is to install sliding glass covers for energy conservation.	Luminaire which is integrated into the glass cover support frame or mounted onto the rear wall of the case.	Optimally positioned luminaire which uses the support frame to extract any luminaire heat to the outside ambient.

N15 Product Series Options

The Vantium Centro design enables you to build the optimum solution offering an unrivalled choice in terms of scale, style, illumination and colour temperature. Each customer can configure their own lighting solution by selecting from the table below. Vantium Centro is supplied complete with mounting hardware, power supplies and cables for both OEM and retro-fit installations.

TYPE	EXTRUSION COLOUR	LED COLOUR	LENGTH	POWER	LUMENS OUTPUT			
					STANDARD		HIGH	
	Options	Options	mm	W	2800K	3900K	2800K	3900K
Handrail	Clear	2800K	825	10	456	456	592	592
		3900K	1225	15	684	684	888	888
			1605	20	912	912	1184	1184

Functionality

DIMMING:	Variable and step dimming options available. Step-dimming enables the retailers to reduce the energy consumption by 50% with only a 40% impact on illumination, using a switch contact or occupancy sensor.
TIMERS:	Preset-dimming option can be used during periods of peak rate electricity or periods of low aisle traffic.
DIFFUSER:	Clear or opal lens covers.
WIRING:	Easy installation with cable length customised for each application.

Accessories

Nualight maintains a stock of power supplies which meet with international safety approvals (UL/CSA/CE). Nualight can also provide the power supply specification to allow you to source the PSU directly from an approved manufacturer or use an approved 24vDC power rail which is already available in the display case.



Fix orientation of luminaire with two screws (one in each end)



Fixed (OEM) brackets on lighting fixtures assembly

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