

Specification Sheet

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



LIGHTING CONSIDERATIONS	VANTIUM PORTO SOLUTION	RETAILER BENEFIT
Dark areas, particularly on end doors or where limited space exists between shelf and door.	Our angled luminaires throw light into the centre of the door.	More uniform lighting across the entire case.
Higher energy consumption in the doors of multiple cases.	Equal energy consumption in all doors.	Lower energy consumption overall.
Difficulty with supplying an efficient luminaire for half doors and scaling lengths for retro-fits.	Scalable solution which is just as efficient for half doors as full doors.	End to end digital (LED) lighting solution for refrigerated display doors.
Display optimisation requires different levels of illumination and more than one colour temperature.	Choice of full range of colour temperatures available. Dimming functionality is also provided.	Each door can be specified in different colour temperatures to maximise the selling opportunity, offering vibrant, appealing displays that make produce look its best.
Retailers need to offer uniform illumination across all refrigerated merchandising cases, not just on doors.	Vantium has a lighting product for every type of refrigeration equipment: ▪ Doors ▪ Shelves ▪ Islands ▪ Counters ▪ Combi ▪ Rooms ▪ Private Label	Uniform illumination across all types of equipment and the ability to introduce digital (LED) lighting on a phased basis.

N11 Product Series Options

The Vantium Porto 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 its own lighting solution by selecting from the table below. Vantium Porto is supplied complete with mounting hardware, power supplies and cables. Custom mounting brackets or retro-fit clips/posts are also available.

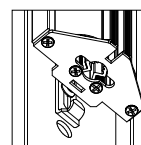
TYPE	EXTRUSION COLOUR	LED COLOUR	LENGTH	POWER	LUMENS OUTPUT		
					3500K	4200K	5100K
	Options	Options	mm	W			
N110 Centre	Clear	3500K	681	16	600	660	720
		4200K	901	21	800	880	960
	Black	5100K	1118	26	1000	1100	1200
			1337	32	1200	1320	1440
			1500	37	1360	1496	1632
			1555	38	1400	1540	1680
		1769	42	1600	1760	1920	
N111 Left	Clear	3500K	681	8	300	330	360
N113 Right	Black	4200K	901	10.5	400	440	480
		5100K	1118	13	500	550	600
		1337	16	600	660	720	
		1500	18.5	680	748	816	
		1555	19	700	770	840	
		1769	21	800	880	960	

Functionality

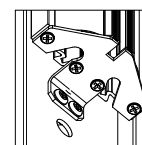
DIMMING:	Variable and step dimming options available. This enables the retailers to reduce the energy consumption by 50% with only a 40% impact on illumination, using a switch contact or occupancy sensor.
TIMERS:	Preset-dimming option can be used during periods of peak rate electricity or periods of 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 PSU specification to allow you to source the power supply directly from an approved manufacturer or use an approved 24vDC power rail which is already available in the display case.



Clip/post mounting brackets on lighting fixture assembly



Fixed (OEM) brackets on lighting fixtures assembly

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