



# Ion Vertical

Designed to deliver.  
On time. Easily integrated. Industry leading solution.

Introducing ION 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, ION is simple to install and maintain whilst providing visually colour rich, vibrant, high impact retail displays. With lifetime costs cheaper than conventional lighting, ION also has industry leading lumens per watt output significantly reducing energy bills. ION from Nualight is offered in a range of lengths, colour temperatures including Red-Tone. There is also a range of complementary cables and brackets, available to order separately.



## KEY BENEFITS

- Fast delivery times for stocked products
- 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 100,000 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

- Bakery
- Dairy
- Drinks
- Fresh Fish
- Fresh Meat
- Frozen
- Grocery
- Refrigeration

## WARRANTY



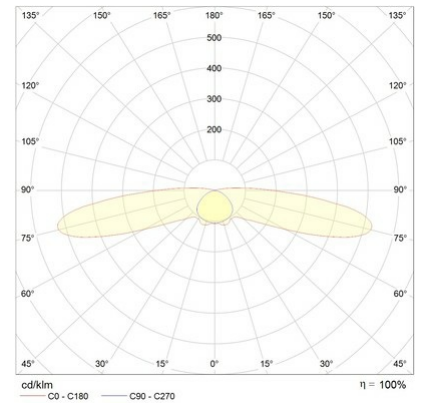
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**true brilliance**

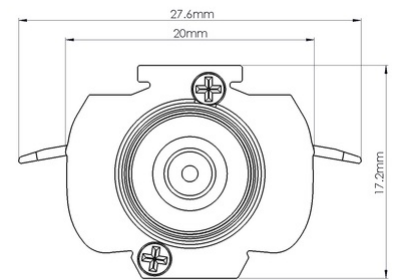
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Article Description	Power (W)	Lumens	Efficacy (lm/W)	Part Number
ION V FREEZER 750 C 5000K	6	775	130	N14500-12X
ION V FREEZER 876 C 5000K	8	1050	130	N14504-12X
ION V FREEZER 1176 C 5000K	12	1550	130	N14508-12X
ION V FREEZER 1476 C 5000K	14	1825	130	N14512-12X
ION V FREEZER 1676 C 5000K	15	1950	130	N14516-12X
ION V FREEZER 876 C RT	8	850	105	N14517-12X
ION V FREEZER 1176 C RT	12	1250	105	N14518-12X
ION V FREEZER 1476 C RT	14	1475	105	N14519-12X
ION V FREEZER 1676 C RT	15	1575	105	N14520-12X
ION V FREEZER 876 C 3000K Vivace	8	875	110	N14522-12X
ION V FREEZER 876 C 3500K Vivace	8	925	115	N14523-12X
ION V FREEZER 876 C 4000K Vivace	8	925	115	N14524-12X
ION V FREEZER 1176 C 3000K Vivace	12	1325	110	N14526-12X
ION V FREEZER 1176 C 3500K Vivace	12	1375	115	N14527-12X
ION V FREEZER 1176 C 4000K Vivace	12	1375	115	N14528-12X
ION V FREEZER 1476 C 3000K Vivace	14	1550	110	N14530-12X
ION V FREEZER 1476 C 3500K Vivace	14	1600	115	N14531-12X
ION V FREEZER 1476 C 4000K Vivace	14	1600	115	N14532-12X
ION V FREEZER 1676 C 3000K Vivace	15	1650	110	N14534-12X
ION V FREEZER 1676 C 3500K Vivace	15	1725	115	N14535-12X
ION V FREEZER 1676 C 4000K Vivace	15	1725	115	N14536-12X
ION V FREEZER 750 E 5000K	3	400	130	N14538-12X
ION V FREEZER 876 E 5000K	4	525	130	N14542-12X
ION V FREEZER 1176 E 5000K	6	775	130	N14546-12X
ION V FREEZER 1476 E 5000K	7	900	130	N14550-12X
ION V FREEZER 1676 E 5000K	7.5	975	130	N14554-12X
ION V FREEZER 876 E RT	4	425	105	N14555-12X
ION V FREEZER 1176 E RT	6	625	105	N14556-12X
ION V FREEZER 1476 E RT	7	725	105	N14557-12X
ION V FREEZER 1676 E RT	7.5	800	105	N14558-12X
ION V FREEZER 876 E 3000K Vivace	4	450	110	N14560-12X
ION V FREEZER 876 E 3500K Vivace	4	450	115	N14561-12X
ION V FREEZER 876 E 4000K Vivace	4	450	115	N14562-12X
ION V FREEZER 1176 E 3000K Vivace	6	650	110	N14564-12X
ION V FREEZER 1176 E 3500K Vivace	6	700	115	N14565-12X
ION V FREEZER 1176 E 4000K Vivace	6	700	115	N14566-12X
ION V FREEZER 1476 E 3000K Vivace	7	775	110	N14568-12X
ION V FREEZER 1476 E 3500K Vivace	7	800	115	N14569-12X
ION V FREEZER 1476 E 4000K Vivace	7	800	115	N14570-12X
ION V FREEZER 1676 E 3000K Vivace	7.5	825	110	N14572-12X
ION V FREEZER 1676 E 3500K Vivace	7.5	875	115	N14573-12X
ION V FREEZER 1676 E 4000K Vivace	7.5	875	115	N14574-12X
ION V CHILLER 876 C 5000K	21	2725	130	N14579-12X
ION V CHILLER 1176 C 5000K	26	3380	130	N14583-12X
ION V CHILLER 1476 C 5000K	30	3900	130	N14587-12X
ION V CHILLER 1676 C 5000K	32	4150	130	N14591-12X
ION V CHILLER 876 C RT	21	2100	100	N14592-12X
ION V CHILLER 1176 C RT	26	2600	100	N14593-12X
ION V CHILLER 1476 C RT	30	3000	100	N14594-12X

## PHOTOMETRY



## DIMENSIONAL SKETCH



## MATERIALS/FINISH

Clear anodise aluminium, with UV stabilised polycarbonate

## INSTALLATION/MOUNTING

Range of complementary cables, brackets and sleeve options, are available to order separately

## STANDARDS AND CERTIFICATES

EN55015, EN60335-1, EN60335-2-24, EN60335-2-89, EN60598-1, EN60598-2-1, EN61000-3-2, EN61000-3-3

## PATENTS

US7,513,637 B2  
US7,976,181 B2  
US 7,871,176 B2  
EP1,828,677 B1

ION V CHILLER 1676 C RT	32	3200	100	N14595-12X
ION V CHILLER 876 C 3000K Vivace	21	2300	110	N14596-12X
ION V CHILLER 876 C 3500K Vivace	21	2425	115	N14597-12X
ION V CHILLER 876 C 4000K Vivace	21	2425	115	N14598-12X
ION V CHILLER 1176 C 3000K Vivace	26	2850	110	N14600-12X
ION V CHILLER 1176 C 3500K Vivace	26	3000	115	N14601-12X
ION V CHILLER 1176 C 4000K Vivace	26	3000	115	N14602-12X
ION V CHILLER 1476 C 3000K Vivace	30	3300	110	N14604-12X
ION V CHILLER 1476 C 3500K Vivace	30	3450	115	N14605-12X
ION V CHILLER 1476 C 4000K Vivace	30	3450	115	N14606-12X
ION V CHILLER 1676 C 3000K Vivace	32	3525	110	N14608-12X
ION V CHILLER 1676 C 3500K Vivace	32	3675	115	N14609-12X
ION V CHILLER 1676 C 4000K Vivace	32	3675	115	N14610-12X
ION V CHILLER 876 E 5000K	10	1300	130	N14615-12X
ION V CHILLER 1176 E 5000K	13	1700	130	N14619-12X
ION V CHILLER 1476 E 5000K	15	1950	130	N14623-12X
ION V CHILLER 1676 E 5000K	16	2075	130	N14627-12X
ION V CHILLER 876 E RT	10	1000	100	N14628-12X
ION V CHILLER 1176 E RT	13	1300	100	N14629-12X
ION V CHILLER 1476 E RT	15	1500	100	N14630-12X
ION V CHILLER 1676 E RT	16	1600	100	N14631-12X
ION V CHILLER 876 E 3000K Vivace	10	1100	110	N14632-12X
ION V CHILLER 876 E 3500K Vivace	10	1150	115	N14633-12X
ION V CHILLER 876 E 4000K Vivace	10	1150	115	N14634-12X
ION V CHILLER 1176 E 3000K Vivace	13	1425	110	N14636-12X
ION V CHILLER 1176 E 3500K Vivace	13	1500	115	N14637-12X
ION V CHILLER 1176 E 4000K Vivace	13	1500	115	N14638-12X
ION V CHILLER 1476 E 3000K Vivace	15	1650	110	N14640-12X
ION V CHILLER 1476 E 3500K Vivace	15	1725	115	N14641-12X
ION V CHILLER 1476 E 4000K Vivace	15	1725	115	N14642-12X
ION V CHILLER 1676 E 3000K Vivace	16	1750	110	N14644-12X
ION V CHILLER 1676 E 3500K Vivace	16	1850	115	N14645-12X
ION V CHILLER 1676 E 4000K Vivace	16	1850	115	N14646-12X
ION V CHILLER HO 1176 C 3000K Vivace	33	3475	105	N14654-12X
ION V CHILLER HO 1176 C 3500K Vivace	33	3625	110	N14655-12X
ION V CHILLER HO 1176 C 4000K Vivace	33	3625	110	N14656-12X
ION V CHILLER HO 1476 C 3000K Vivace	43	4500	105	N14657-12X
ION V CHILLER HO 1476 C 3500K Vivace	43	4725	110	N14658-12X
ION V CHILLER HO 1476 C 4000K Vivace	43	4725	110	N14659-12X
ION V CHILLER HO 1176 E 3000K Vivace	16.5	1725	105	N14666-12X
ION V CHILLER HO 1176 E 3500K Vivace	16.5	1800	110	N14667-12X
ION V CHILLER HO 1176 E 4000K Vivace	16.5	1800	110	N14668-12X
ION V CHILLER HO 1476 E 3000K Vivace	21.5	2250	105	N14669-12X
ION V CHILLER HO 1476 E 3500K Vivace	21.5	2350	110	N14670-12X
ION V CHILLER HO 1476 E 4000K Vivace	21.5	2350	110	N14671-12X
ION V CHILLER 1276 C 3500K Vivace	26	3000	115	N14738-12X
ION V CHILLER 1276 C 4000K Vivace	26	3000	115	N14739-12X
ION V CHILLER 1276 E 3500K Vivace	13	1500	115	N14740-12X
ION V CHILLER 1276 E 4000K Vivace	13	1500	115	N14741-12X
ION V CHILLER HO 1276 C 3500K Vivace	36	3950	110	N14747-12X
ION V CHILLER HO 1276 C 4000K Vivace	36	3950	110	N14748-12X
ION V CHILLER HO 1276 E 3500K Vivace	18	1975	110	N14749-12X

ION V CHILLER HO 1276 E 4000K Vivace	18	1975	110	N14750-12X
ION V CHILLER 1276 C 3000K Vivace	26	2850	110	N14751-12X
ION V CHILLER HO 1276 C 3000K Vivace	36	3775	105	N14752-12X
ION V CHILLER 1276 E 3000K Vivace	13	1425	110	N14753-12X
ION V CHILLER HO 1276 E 3000K Vivace	18	1900	105	N14754-12X
ION V FREEZER LO 1476 C 3500K	10	1300	130	N14982-24X
ION V FREEZER LO 1476 C 4000K	10	1300	130	N14983-24X
ION V FREEZER LO 1476 E 3500K	5	650	130	N14984-24X
ION V FREEZER LO 1476 E 4000K	5	650	130	N14985-24X



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