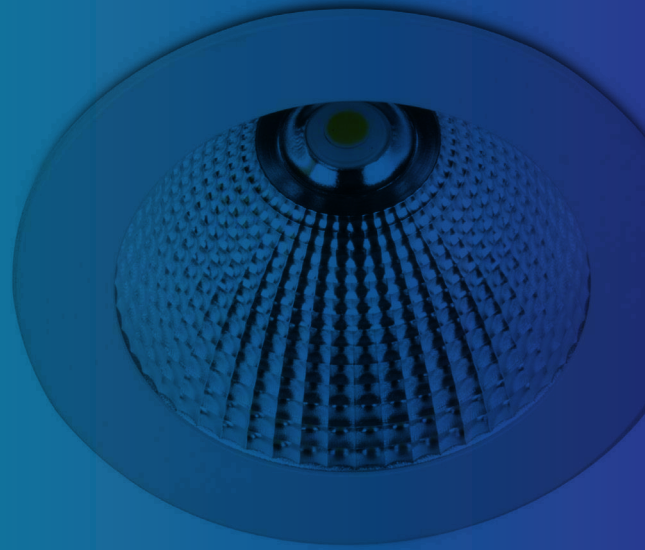


VIGA 120

LED DOWNLIGHT SERIES

Save up to 80% energy and eliminate maintenance for a guaranteed 50,000 hours with this high-performance downlight family that can be dimmed for further energy savings. The VIGA 120 is LM-79 compliant.



Electrical Control, Switchgear
& Energy Saving specialists

lighting@demesne.ie





VIGA 120

**Light on energy,
bright on impact.**

The smart choice for replacing conventional lamps in commercial, industrial, retail and general lighting applications.

Efficiency without compromise on light quality

- Uniform light output through innovative optics
- Quality LED driver included
- 1-10V dimmable
- LM-79 compliant
- Low inrush current, allowing for more luminaires per installation group
- Low power consumption



Advantage

80% less energy with higher lux levels

Spacing

1.8m x 1.8m

Ceiling height

2.7m

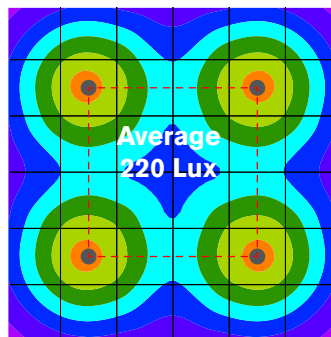
Working plane

0.8m

Fluorescent

75W

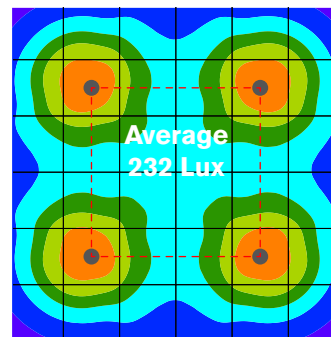
75W - 945 lumen



LED

VIGA 120

15W - 1000 lumen



Achieve savings up to 86% per year

- Lumens per wattage increase of 4 x more compared to 75W halogen fixture
- Improved light uniformity
- 16 times longer lifetime

	75W Halogen	Viga 75	Benefit
Lamp lifetime	3,000	50,000	16 x longer lifetime
Power	75W	15W	
Luminous flux (lm)	945 lm	1000 lm	
Luminous efficacy (lm/W)	13 lm/W	67 lm/W	4 x more lm/W
Annual electricity use	328 kWh	66 kWh	
Annual energy costs per fixture*	€ 49.20	€ 9.90	
Annual relamping cost per fixture*	€ 20.70	€ 0	
Total annual cost per fixture*	€ 69.90	€ 9.90	86% savings

* Operation: 12hrs/d 7d/wk 52wks
Energy costs € 0.15 per kWh

VIGA 120

Input Voltage: 230 - 240Vac 50/60Hz
Power: 15W / 23W (adjustable)
LED colour (Kelvin variance +/- 6%): 3000K
Luminous flux (lm): 1000 lm / 1980 lm / 1850 lm
Luminous efficacy (lm/W): 67 lm/W / 86 lm/W / 80 lm/W
Power factor: 0.97
Drive current (mA): 350 mA
LED lifetime: 50,000 hrs / 70%
Adjustable: 2x 30° tilttable
 350° rotatable
Driver type: Lumotech - L05011i-2 LED driver included (See website for more info)
CRI: 80 / 90
Control: 1-10V dimmable (20-100%) / DALI
Ambient temperature (Ta): 0°C to +42°C
Thermal protection: Yes, automatic against overheating
Beam angle: 38° / 48°
Classifications: Class II, IP44, IP20 (adjustable), F
Cut out (Ø): ø 120 mm
Case material: Aluminium
Case colours: White / Silver Grey
Max. case temperature (Tc): < 80°C
Approvals: CE

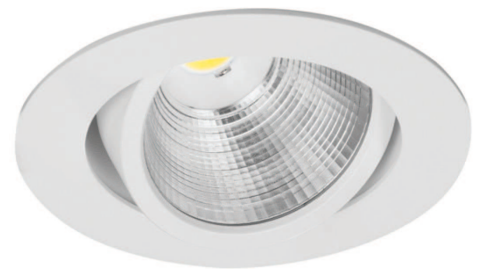









 LM-79 compliant



Ordering information

Description	Article No.
VIGA 120 - 15W - 3000K - CRI 80 - Grey case 1000 lm 38°	L03913
VIGA 120 - 15W - 3000K - CRI 80 - White case 1000 lm 38°	L03912
VIGA 120 - 23W - 3000K - CRI 80 - White case 1980 lm Wide Flood 48° Adjustable	L03932
VIGA 120 - 23W - 3000K - CRI 80 - White case 1980 lm Wide Flood 48° DALI Adjustable	L03932DA
VIGA 120 - 23W - 3000K - CRI 90 - White case 1850 lm Wide Flood 48° Adjustable	L03933
VIGA 120 - 23W - 3000K - CRI 90 - White case 1850 lm Wide Flood 48° DALI Adjustable	L03933DA

CREATING SMARTER SPACES

Nualight is a game-changing LED lighting technology company. We focus on retail, commercial and industrial market segments where application know-how and smart controls dramatically improve results from LED. Our vision is to create Smarter Spaces through LED innovation.

Premium colour, minimal glare and streamlined aesthetics are the hallmarks of Nualight product design while our control philosophy is to deliver practical solutions that can be easily implemented and generate rapid payback. We build deep expertise in target markets and translate this into value for end-users and partners through our lighting solutions division.

Nualight is a trusted LED partner with a proven track record particularly in food retail display lighting where we have built a leadership position. We have delivered large-scale programmes in aggressive timeframes for many of the world's leading supermarket chains, along with flagship projects in new business areas such as airports, parking, industrial buildings and offices.

With headquarters in Europe, extensive reach into North America and a growing business in emerging markets, Nualight is unlocking new impact and profitability from LED across the world.



www.nualight.com - Retail LED lighting

Lumotech www.lumotech.com - LED Electronics & Controls



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