



next generation led

info@nextgenerationled.be  
www.nextgenerationled.be  
Tel + 32 53 71 09 42

## VEGA NT



### Properties

- Lifespan L70B10: 50.000 hours
- Surface or suspended mounting
- Diffusion cover for optimal uniformity
- Body: sheet steel powder-coated
- Protection class: I
- Integrated light source in LED technology is distinguished by its elegant form
- Has a decorative character and is perfectly suited for the illumination of hotels, offices or public institutions
- Fixture can be painted into any color from the RAL palette
- Warranty : 5 years

DALI

RAL colors

IP20

Excellent Uniformity

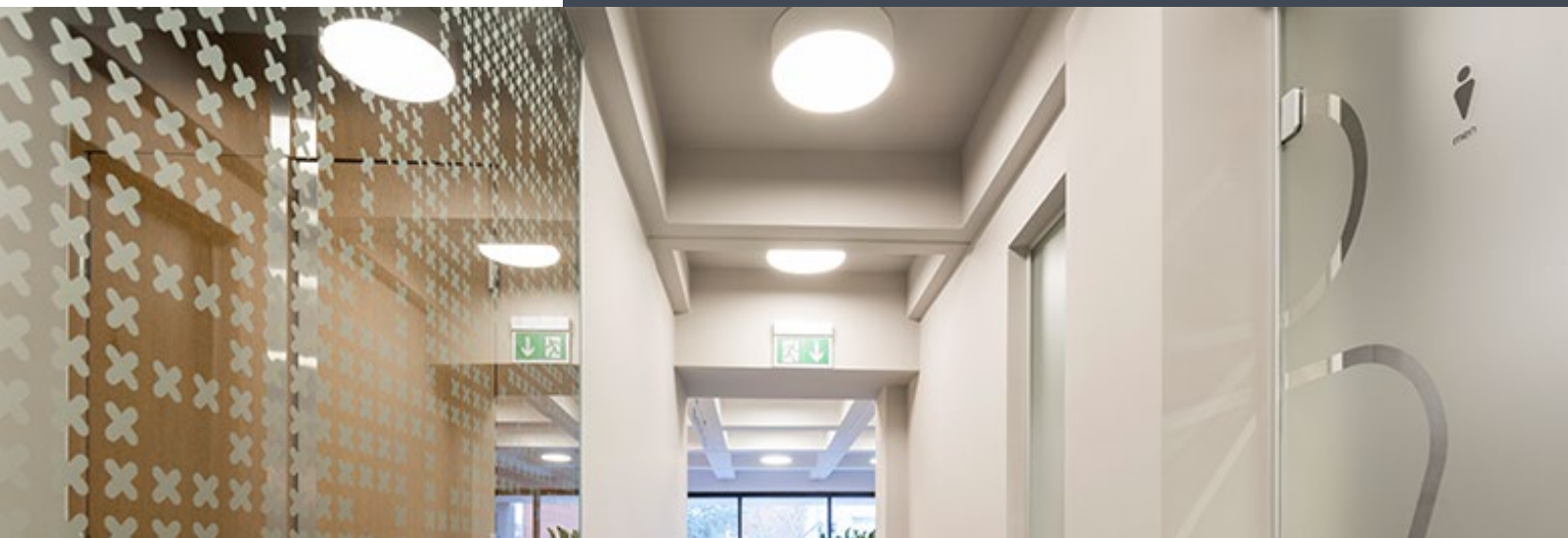
### Specifications

VEGA NT					
Power	15W	23W	58W	41W	88W
Luminous intensity	1500lm	2300lm	5500lm	4300lm	9300lm
Power factor (Pf)	0.99				
Input voltage	220~240 V / 50 Hz				
Color rendering index	Ra >85				
Color temperature	4000K				
Ambient temperature	0°C ~ +35°C				
Ambient humidity	20~80%				
Control system	None / DALI				

### Application

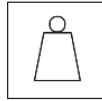
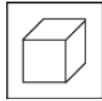
Offices, hotels, restaurants, residential premises, public utility buildings, ...

Updated: October 2018

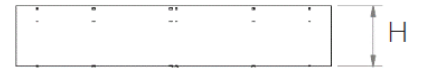
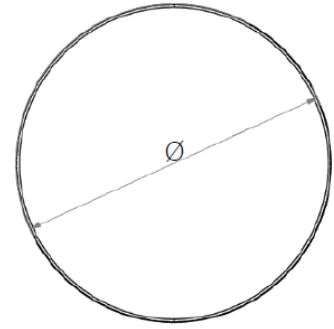


## DIMENSIONS

CODE

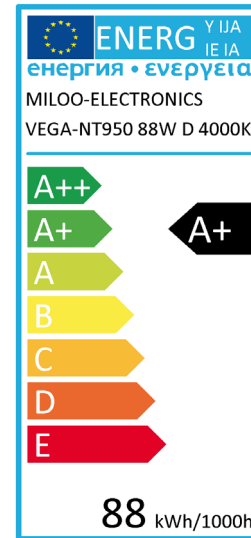


CODE	∅ [mm]	H [mm]	[kg]
VEGA-NT350	350	114	3,6
VEGA-NT450	450	114	4,4
VEGA-NT600	600	114	5,6
VEGA-NT650	650	114	6,0
VEGA-NT950	950	114	8,4

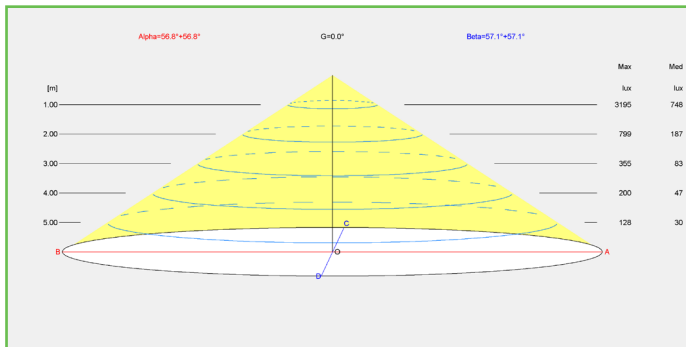


## ENERGY LABEL

Electrical appliances carry an energy label. This label prints the so-called energy efficiency score in classes. These classes range from 'very energy efficient' (A++) to 'very waste of energy' (E). A more expensive new device may eventually turn out to be cheaper if the energy score is good. IPEA is the new system for luminaire energy efficiency assessment.



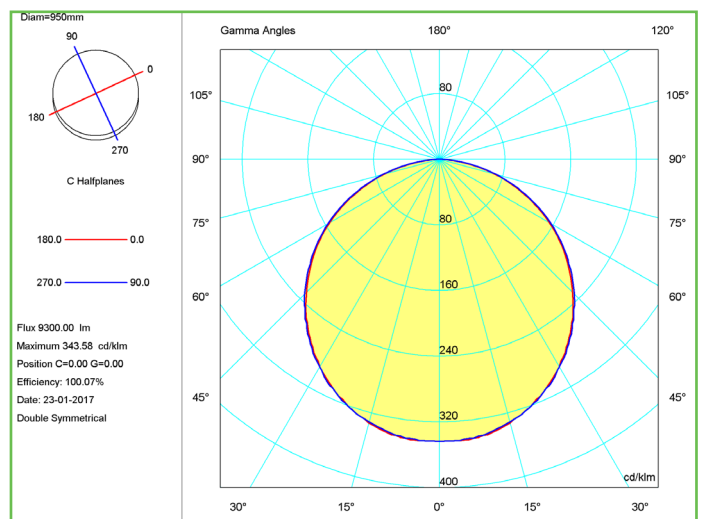
## BEAM



The Illuminance Cone Diagram indicates the maximum illuminance at different distances from the fixture.

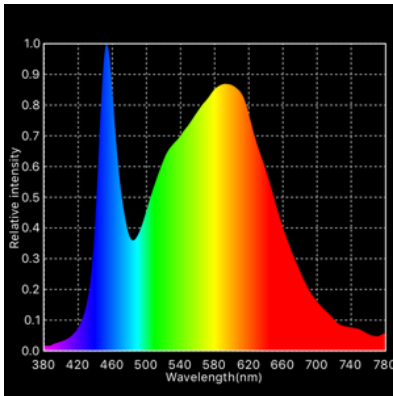
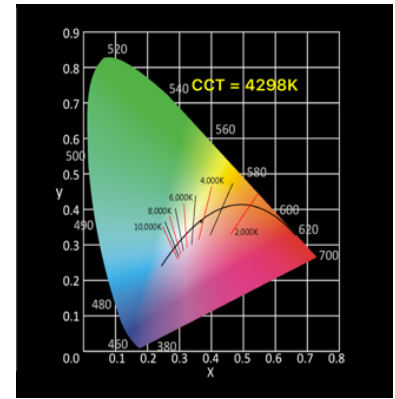
## POLAR DIAGRAM

The polar luminous intensity graph illustrates the distribution of luminous intensity, in candelas, for the transverse (solid line) and axial (dashed line) planes of the luminaire. The shown curve provides a visual guide to the type of distribution expected from the luminaire e.g. wide, narrow, direct, indirect... in addition to intensity.



## CIE 1931

The CIE color space, developed in 1931, is still used to define colors, and as a reference for other color spaces. The figure is a two-dimensional display of colors of the same intensity (brightness), which is based on observations of color measurements by people.

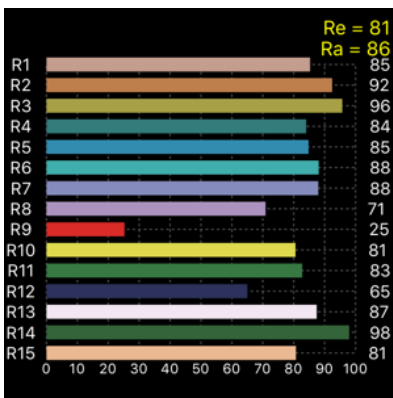
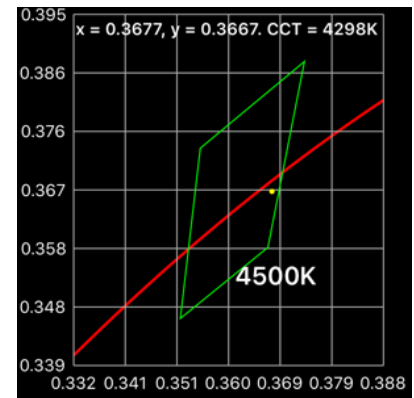


## SPECTRUM

Isaac Newton used the Latin word spectrum to define the color series which arose when he dropped a bundle of sunlight through a glass prism. The color spectrum consists of the colors of the rainbow with the color sequence red-orange-yellow-green-blue-indigo-violet, which corresponds to bearish wave length (increasing frequency) of the light waves.

## C78 377

ANSI C 78.377 is now the standard for color quality, as determined by the American National Standards Institute. ANSI recommends lamp manufacturers to stay within a 4-step ellipse. This means that manufacturers with a particular focus on the CIE diagram have a broad range of observable differences.



## CRI HISTOGRAM

The color reproduction of a light source indicates whether the color of an object can be displayed true to nature. The graph shows whether we can accurately determine color, depending on the color rendering properties of the light source.

Ra = average of R1 to R8

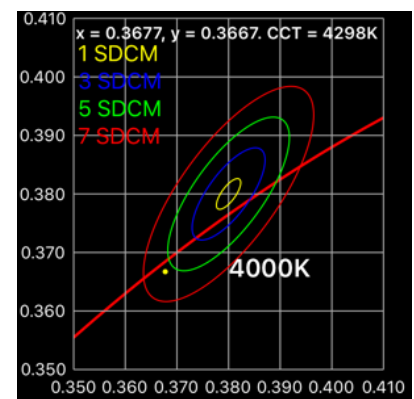
Re = average of R1 to R15

R9 = saturated red. Should be as high as possible.

## SDCM

SDCM is an acronym which stands for Standard Deviation Colour Matching. SDCM has the same meaning as a "MacAdam ellipse". A 1-step MacAdam ellipse defines a zone in the CIE 1931 2 deg (xy) colour space within which the human eye cannot discern colour difference. Most LEDs are binned at the 4-7 step level, in other words you certainly can see colour differences in LEDs that are ostensibly the same colour.

SDCM	CCT @ 3000K	$\Delta UV$
1x	±30K	±0.0007
2x	±60K	±0.0010
4x	±100K	±0.0020
7-8x	±175K	±0.0060



## VEGA

REFERENCE	WATT	LUMEN	COLOR	CONTROL
156-0238	15W	1500lm	4000K	ON/OFF
156-0239	23W	2300lm	4000K	ON/OFF
156-0240	58W	5500lm	4000K	ON/OFF
156-0241	41W	4300lm	4000K	ON/OFF
156-0242	88W	9300lm	4000K	ON/OFF
156-0243	15W	1500lm	4000K	DALI
156-0244	23W	2300lm	4000K	DALI
156-0245	58W	5500lm	4000K	DALI
156-0246	41W	4300lm	4000K	DALI
156-0247	88W	9300lm	4000K	DALI
156-0248	Suspension wire (1m) - 4 wires required			
156-0249	Suspension wire (2m) - 4 wires required			

\* available in surface mounted and suspended models, please specify upon ordering