



LED
catalog **2017**



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Learn more about special technologies used in LED lamps production

Each series of lamps includes mail module and its modification with various power options and layout process modules.

Own ultra-thin LED lamps production



About Viled

Viled is the leading Russian manufacturer of energy-saving LED lighting systems. Company has been operating since 2009 on the territory of Russia, CIS countries and the European Union. Due to many years of scientific research the company Viled brought to market the LED lighting technology which quality features exceed the characteristics of the domestics and foreign counterparts. The authors of the innovation are russian scientists meaning the team of the Research Institute of Electric Power Industry of Saint Petersburg State Polytechnical University and SPA «Svetotronika». Viled lamps have wide application areas. Lamps are used for lighting of industrial areas,

factories, lighting of highways, city streets and houses adjoining areas, retail spaces, stores, it is also used for lighting of parks, housing and utilities, private areas, as it is perfect for the office lighting. Clients of Viled are large industrial companies, commercial organizations, administrations of cities and regional centers. As a result Viled actually illuminates the different areas around the world.

Application areas



Streets, houses adjoining areas and parks



Highways and magistral



Spotlight lightning



Industrial and stores areas, housing and utilities



Public spaces and offices

Viled technologies

DCC

Learn more on page 6

NeoPlast

learn more on page 28

More than 120 dealers in the 11 countries

Company benefits

1

Patented innovative technologies of lighting producing. Own production capacity increases several times annually.

2

High quality components. We collaborate with leading manufacturers of the components used in lamp production. Thus the service life of using LEDs is 100,000 hours that is equal to 25 years.

3

The products meet the safety and environmental requirements required for GOST and SNIP standards.

4

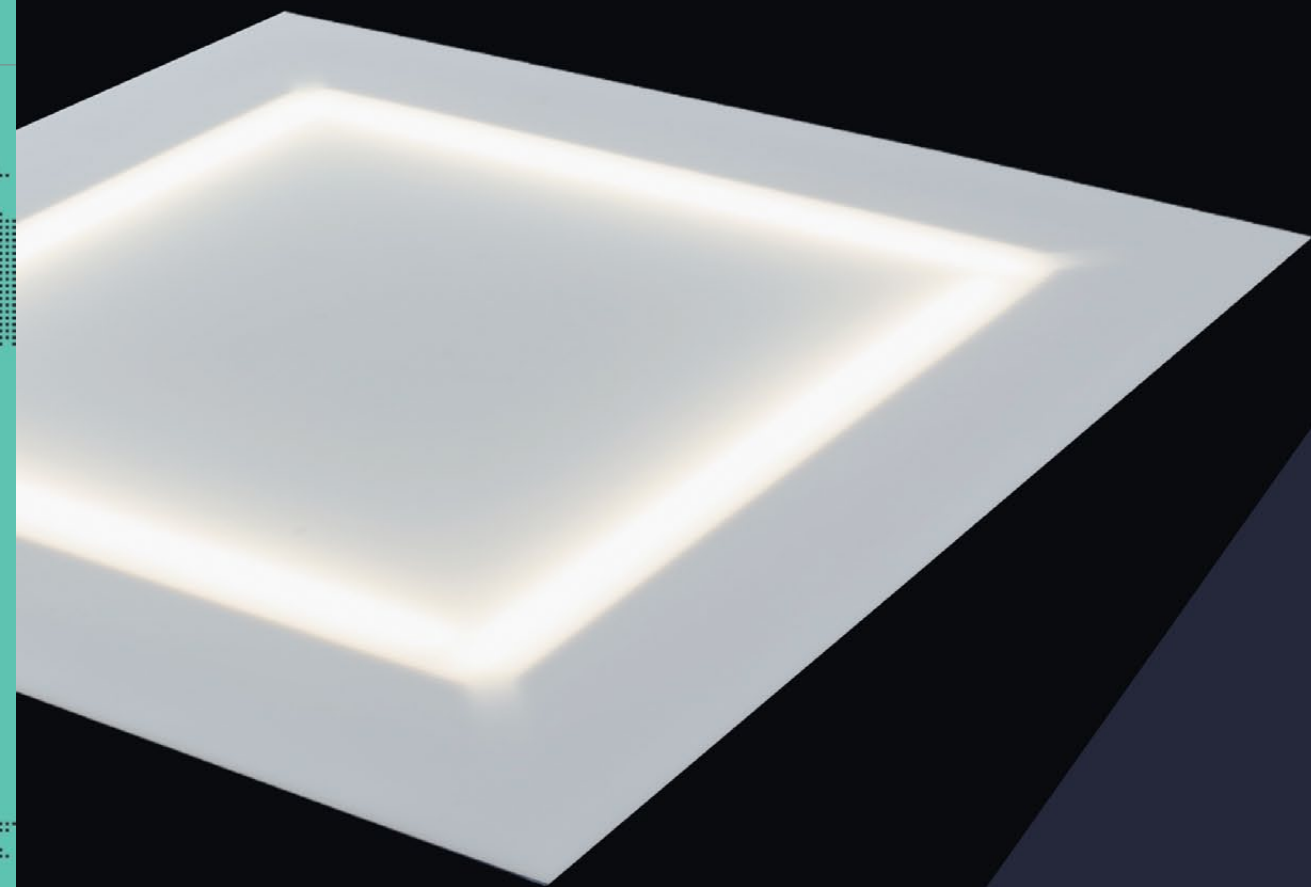
The announced lighting and electrical characteristics are confirmed by the following: Vavilov State Optical Institute testing procedures, Russian quality and Customs Union certificates, and the European Union certificate.

5

Viled lamps have a high degree of protection against water and dust (IP67) and maintain temperature changes from +50 to -60° C. Guarantee maintenance is three years.

€

Affordable price of lamps comparable with the cost of traditional light sources.



NeoPlast Technology

Controlled
temperature mode

DCC Technology

Dynamic convection
cooling



DCC Technology

Reliability and durability

Non-radiator body

Efficient cooling

Minimal weight and dimensions

Maximum moisture protection

Lamps produced by the DCC technology used for lighting of streets, parks, houses adjoining areas, highways, parkings, industrial and commercial spaces.



© DCC technology is a
patented technology company
Viled



Serie
Module



Lamp «Module»
16 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	130x100x130 mm
Net weight	0,65 kg
Weight	0,8 kg
Dimensions of packaging	215x115x70 mm
Body material	Anodized aluminium
Mount 	Universal

Electrical specifications

Permissible power woltage range	50–60 Hz
Consumed power	16 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	1840 ÷ 2000 Lm
Curve of intensity 	D (cosine)

Ordering information

Article
VILED CC M1-Y-E-16-130.100.130-4-0-67

Product code
3372

Lamp modifications

	Console K-1, 16 W
Product code:	3373
Article:	CC M1-K-E-16-130.100.130-4-0-67
Mount 	Console
Lumious intensity	1840 ÷ 2000 Lm
Curve of intensity 	D (cosine)

	Console MK-2, 32 W
Product code:	3374
Article:	CC M1-MK-E-32-130.195.160-4-0-67
Mount 	Console
Lumious intensity	3680 ÷ 4000 Lm
Curve of intensity 	S (Semi expanded)

	Console MK-3, 48 W
Product code:	3375
Article:	CC M1-MK-E-48-130.295.130-4-0-67
Mount 	Console
Lumious intensity	5520 ÷ 6000 Lm
Curve of intensity 	S (Semi expanded)



Lamp «Module»
32 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	250x100x130 mm
Net weight	1,2 kg
Weight	1,4 kg
Dimensions of packaging	265x120x150 mm
Body material	Anodized aluminium
Mount 	Console

Electrical specifications

Permissible power woltage range	50–60 Hz
Consumed power	32 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	3680 ÷ 4000 Lm
Curve of intensity 	D (cosine)

Ordering information

Article
VILED CC M1-K-E-32-250.100.130-4-0-67

Product code
3079

Lamp modifications

	Console K-2, 64 W
Product code:	3080
Article:	CC M1-K-E-64-250.200.150-4-0-67
Mount 	Console
Lumious intensity	7360 ÷ 8000 Lm
Curve of intensity 	D (cosine)

	Console MK-2, 64 W
Product code:	3083
Article:	CC M1-MK-E-64-250.195.160-4-0-67
Mount 	Console
Lumious intensity	7360 ÷ 8000 Lm
Curve of intensity 	S (Semi expanded)

	Console K-3, 96 W
Product code:	3081
Article:	CC M1-K-E-96-250.300.130-4-0-67
Mount 	Console
Lumious intensity	11040 ÷ 12000 Lm
Curve of intensity 	D (cosine)

	Console MK-3, 96 W
Product code:	3084
Article:	CC M1-MK-E-96-250.295.130-4-0-67
Mount 	Console
Lumious intensity	11040 ÷ 12000 Lm
Curve of intensity 	S (Semi expanded)



Lamp «Module»
32 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	250x100x130 mm
Net weight	1,1 kg
Weight	1,3 kg
Dimensions of packaging	340x115x70 mm
Body material	Anodized aluminium
Mount 	Universal

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	32 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	3680 ÷ 4000 Lm
Curve of intensity 	D (cosine)

Ordering information

Article

VILED CC M1-Y-E-32-250.100.130-4-0-67

Product code
3087

Lamp modifications



Universal Y-2, 64 W

Product code: **3085**
Article: CC M1-Y-E-64-250.200.150-4-0-67

Mount 	Universal
Lumious intensity	7360 ÷ 8000 Lm
Curve of intensity 	D (cosine)



Universal Y-3, 96 W

Product code: **3086**
Article: CC M1-Y-E-96-250.300.130-4-0-67

Mount 	Universal
Lumious intensity	11040 ÷ 12000 Lm
Curve of intensity 	D (cosine)



Lamp «Module»
48 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	250x100x130 mm
Net weight	1,2 kg
Weight	1,4 kg
Dimensions of packaging	265x120x150 mm
Body material	Anodized aluminium
Mount 	Console

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	48 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	5520 ÷ 6000 Lm
Curve of intensity 	D (cosine)

Ordering information

Article

VILED CC M1-K-E-48-250.100.130-4-0-67

Product code
3062

Lamp modifications



Console K-2, 96 W

Product code: **3069**
Article: CC M1-K-E-96-250.200.150-4-0-67

Mount 	Console
Lumious intensity	11040 ÷ 12000 Lm
Curve of intensity 	D (cosine)



Console MK-2, 96 W

Product code: **3073**
Article: CC M1-MK-E-96-250.195.160-4-0-67

Mount 	Console
Lumious intensity	11040 ÷ 12000 Lm
Curve of intensity 	S (Semi expanded)



Console K-3, 144 W

Product code: **3075**
Article: CC M1-K-E-144-250.300.130-4-0-67

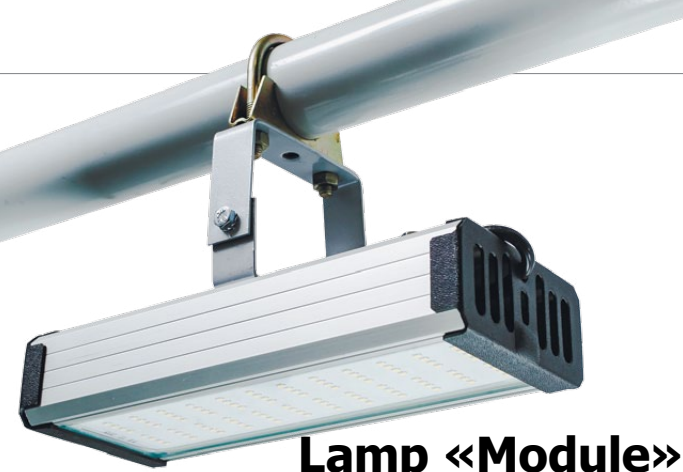
Mount 	Console
Lumious intensity	16560 ÷ 18000 Lm
Curve of intensity 	D (cosine)



Console MK-3, 144 W

Product code: **3076**
Article: CC M1-MK-E-144-250.295.130-4-0-67

Mount 	Console
Lumious intensity	16560 ÷ 18000 Lm
Curve of intensity 	S (Semi expanded)



Lamp «Module»
48 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	250x100x130 mm
Net weight	1,1 kg
Weight	1,3 kg
Dimensions of packaging	340x115x70 mm
Body material	Anodized aluminium
Mount 	Universal

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	48 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	5520 ÷ 6000 Lm
Curve of intensity 	D (cosine)

Ordering information

Article

VILED CC M1-Y-E-48-250.100.130-4-0-67

Product code
3065

Lamp modifications

	Universal Y-2, 96 W
Product code:	3072
Article:	CC M1-Y-E-96-250.200.150-4-0-67
Mount 	Universal
Lumious intensity	11040 ÷ 12000 Lm
Curve of intensity 	D (cosine)

	Universal Y-3, 144 W
Product code:	3074
Article:	CC M1-Y-E-144-250.300.130-4-0-67
Mount 	Universal
Lumious intensity	16560 ÷ 18000 Lm
Curve of intensity 	D (cosine)



Lamp «Module»
64 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	300x100x130 mm
Net weight	1,3 kg
Weight	1,5 kg
Dimensions of packaging	320x120x150 mm
Body material	Anodized aluminium
Mount 	Console

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	64 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	7360 ÷ 8000 Lm
Curve of intensity 	D (cosine)

Ordering information

Article

VILED CC M1-K-E-64-300.100.130-4-0-67

Product code
3061

Lamp modifications

	Console K-2, 128 W
Product code:	3066
Article:	CC M1-K-E-128-300.200.150-4-0-67
Mount 	Console
Lumious intensity	14720 ÷ 16000 Lm
Curve of intensity 	D (cosine)

	Console MK-2, 128 W
Product code:	3067
Article:	CC M1-MK-E-128-300.195.160-4-0-67
Mount 	Console
Lumious intensity	14720 ÷ 16000 Lm
Curve of intensity 	S (Semi expanded)

	Console K-3, 192 W
Product code:	3070
Article:	CC M1-K-E-192-300.300.130-4-0-67
Mount 	Console
Lumious intensity	22080 ÷ 24000 Lm
Curve of intensity 	D (cosine)

	Console MK-3, 192 W
Product code:	3071
Article:	CC M1-MK-E-192-300.295.130-4-0-67
Mount 	Console
Lumious intensity	22080 ÷ 24000 Lm
Curve of intensity 	S (Semi expanded)



Lamp «Module» 64 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	300x100x130 mm
Net weight	1,3 kg
Weight	1,5 kg
Dimensions of packaging	380x120x70 mm
Body material	Anodized aluminium
Mount 	Universal

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	64 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	7360 ÷ 8000 Lm
Curve of intensity 	D (cosine)

Ordering information

Article

VILED CC M1-Y-E-64-300.100.130-4-0-67

Product code
3063

Lamp modifications



Universal Y-2, 128 W

Product code: **3064**

Article: CC M1-Y-E-128-300.200.150-4-0-67

Mount 	Universal
Lumious intensity	14720 ÷ 16000 Lm
Curve of intensity 	D (cosine)



Universal Y-3, 192 W

Product code: **3068**

Article: CC M1-Y-E-192-300.300.130-4-0-67

Mount 	Universal
Lumious intensity	22080 ÷ 24000 Lm
Curve of intensity 	D (cosine)

Lamp «Module» 96 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	400x100x130 mm
Net weight	2,2 kg
Body material	Anodized aluminium
Mount 	Console

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	96 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	11040 ÷ 12000 Lm
Curve of intensity 	D (cosine)

Ordering information

Article

VILED CC M1-K-E-96-400.100.130-4-0-67

Product code
4656

Lamp modifications



Console K-2, 192 W

Product code: **4658**

Article: CC M1-K-E-192-400.200.130-4-0-67

Mount 	Console
Lumious intensity	22080 ÷ 24000 Lm
Curve of intensity 	D (cosine)

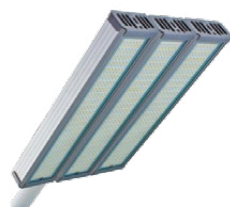


Console MK-2, 192 W

Product code: **4659**

Article: CC M1-MK-E-192-400.195.160-4-0-67

Mount 	Console
Lumious intensity	22080 ÷ 24000 Lm
Curve of intensity 	S (Semi expanded)



Console K-3, 288 W

Product code: **4661**

Article: CC M1-K-E-288-400.300.130-4-0-67

Mount 	Console
Lumious intensity	33120 ÷ 36000 Lm
Curve of intensity 	D (cosine)



Console MK-3, 288 W

Product code: **4662**

Article: CC M1-MK-E-288-400.295.130-4-0-67

Mount 	Console
Lumious intensity	33120 ÷ 36000 Lm
Curve of intensity 	S (Semi expanded)



Lamp «Module»
96 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	400x100x130 mm
Net weight	2,1 kg
Body material	Anodized aluminium
Mount 	Universal

Electrical specifications

Permissible power woltage range	50–60 Hz
Consumed power	96 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	11040 ÷ 12000 Lm
Curve of intensity 	D (cosine)

Ordering information

Article

VILED CC M1-Y-E-96-400.100.130-4-0-67

Product code
4655

Lamp modifications



Universal Y-2, 192 W

Product code: **4657**
Article: CC M1-Y-E-192-400.200.130-4-0-67

Mount 	Universal
Lumious intensity	22080 ÷ 24000 Lm
Curve of intensity 	D (cosine)



Universal Y-3, 288 W

Product code: **4660**
Article: CC M1-Y-E-288-400.300.130-4-0-67

Mount 	Universal
Lumious intensity	33120 ÷ 36000 Lm
Curve of intensity 	D (cosine)



Serie
Module Magistral



Lamp «Module Magistral» 32 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	250x100x130 mm
Net weight	1 kg
Weight	1,1 kg
Dimensions of packaging	265x120x150 mm
Body material	Anodized aluminium
Mount 	Console

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	32 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	3680 ÷ 4000 Lm
Curve of intensity 	W (Wide)

Ordering information

Article

VILED CC M2-K-H-32-250.100.130-4-0-67

Product code

3110



Lamp «Module Magistral» 64 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	350x100x130 mm
Net weight	1,7 kg
Body material	Anodized aluminium
Mount 	Console

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	64 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	7360 ÷ 8000 Lm
Curve of intensity 	W (Wide)

Ordering information

Article

VILED CC M2-K-H-64-350.100.130-4-0-67

Product code

4653

Lamp modifications



Console KMO-2, 128 W

Product code: **4652**

Article: CC M2-K-H-128-350.200.150-4-0-67

Mount 	Console
Lumious intensity	14720 ÷ 16000 Lm
Curve of intensity 	W (Wide)



Lamp «Module
Magistral»
96 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	530x100x130 mm
Net weight	2,5 kg
Body material	Anodized aluminium
Mount 	Console

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	96 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	11040 ÷ 12000 Lm
Curve of intensity 	W (Wide)

Ordering information

Article

VILED CC M2-K-H-96-530.100.130-4-0-67

Product code
4908

Lamp modifications



Console KMO-2, 192 W

Product code: **4909**
Article: CC M2-K-H-192-530.200.130-4-0-67

Mount 

Console

Lumious intensity

22080 ÷ 24000 Lm

Curve of intensity 

W (Wide)



Console KMO-3, 288 W

Product code: **4910**
Article: CC M2-K-H-288-530.300.130-4-0-67

Mount 

Console

Lumious intensity

33120 ÷ 36000 Lm

Curve of intensity 

W (Wide)



Serie
Module Spotlight



Lamp «Module
Spotlight 59°»
32 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	250x100x130 mm
Net weight	0,9 kg
Weight	1,1 kg
Dimensions of packaging	340x115x70 mm
Body material	Anodized aluminium
Mount 	Universal

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	32 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	3680 ÷ 4000 Lm
Curve of intensity 	D (Deep)

This series of lamps available in versions with lens 30°.



Lamp «Module
Spotlight 59°»
64 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	350x100x130 mm
Net weight	1,75 kg
Body material	Anodized aluminium
Mount 	Universal

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	64 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	7360 ÷ 8000 Lm
Curve of intensity 	D (Deep)

This series of lamps available in versions with lens 30°.

Ordering information

Article

VILED CC M3-Y-H-64-350.100.150-4-0-67

Product code
5005

Lamp modifications

	Spotlight, 128 W
Product code:	5002
Article:	CC M3-Y-H-128-350.200.150-4-0-67
Mount 	Universal
Lumious intensity	14720 ÷ 16000 Lm
Curve of intensity 	D (Deep)

	Spotlight, 256 W
Product code:	4644
Article:	CC M3-Y-H-256-350.400.150-4-0-67
Mount 	Universal
Lumious intensity	29440 ÷ 32000 Lm
Curve of intensity 	D (Deep)



Lamp «Module
Spotlight 59°»
96 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	530x100x130 mm
Net weight	2,5 kg
Body material	Anodized aluminium
Mount i	Universal

Electrical specifications

Permissible power woltage range	50–60 Hz
Consumed power	96 W
Power factor	cos φ ≥ 0,9
Operating temperature	-45°C – +50°C

Lighting specifications

Lumious intensity	11040 ÷ 12000 Lm
Curve of intensity i	D (Deep)

This series of lamps available in versions with lens 30°.

Ordering information

Article

VILED CC M3-Y-H-96-530.100.150-4-0-67

Product code
4882

Lamp modifications



Spotlight, 192 W

Product code: 4883
Article: CC M3-Y-H-192-530.200.150-4-0-67

Mount i	Universal
Lumious intensity	22080 ÷ 24000 Lm
Curve of intensity i	D (Deep)



Spotlight, 288 W

Product code: 4843
Article: CC M3-Y-H-288-530.300.150-4-0-67

Mount i	Universal
Lumious intensity	33120 ÷ 36000 Lm
Curve of intensity i	D (Deep)

Modifications
of the lamp «Spotlight»



Spotlight, 384 W

Product code: 4911
Article: CC M3-O-H-384-530.400.250-4-0-67

Lumious intensity	44160 ÷ 48000 Lm
Curve of intensity	D (Deep)
Dimensions	500x415x150 mm
Dimensions of packaging	520x430x80 mm
Net weight (weight)	6,7 kg (7,2 kg)

Sun, 480 W

Product code: 4889
Article: CC M3-O-H-480-530.600.250-4-0-67

Lumious intensity	55200 ÷ 60000 Lm
Curve of intensity	D (Deep)
Dimensions	530x630x250 mm
Dimensions of packaging	540x650x115 mm
Net weight (weight)	10,13 kg (11 kg)

Sun, 960 W

Product code: 4829
Article: CC M3-O-H-960-530.1100.250-4-0-67

Lumious intensity	110400 ÷ 120000 Lm
Curve of intensity	D (Deep)
Dimensions	530x1175x250 mm
Dimensions of packaging	540x1185x115 mm
Net weight (weight)	20,25 kg (21,5 kg)



Serie V Module



Lamp «V Module» 32 W

General specifications

IP protection grade	67 IP
Electrical protection class	I
Dimensions	280x100x150 mm
Net weight	1,4 kg
Weight	1,6 kg
Dimensions of packaging	295x120x100 mm
Body material	Anodized aluminium
Mount 	Universal

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	32 W
Power factor	cos φ ≥ 0,9
Operating temperature	-60°C – +50°C

Lighting specifications

Lumious intensity	3680 ÷ 4000 Lm
Curve of intensity 	D (cosine)

Ordering information

Article

VILED CC T1-Y-E-32-270.100.160-4-0-67

Product code

3376

Lamp modifications



V Module, 64 W

Product code: **3089**

Article: CC T1-Y-E-64-510.100.170-4-0-67

Lumious intensity

7360 ÷ 8000 Lm



V Module, 96 W

Product code: **3093**

Article: CC T1-Y-E-96-510.100.170-4-0-67

Lumious intensity

11040 ÷ 12000 Lm



V Module, 128 W

Product code: **3091**

Article: CC T1-Y-E-128-610.100.170-4-0-67

Lumious intensity

14720 ÷ 16000 Lm



V Module, 192 W

Product code: **3094**

Article: CC T1-Y-E-192-510.200.170-4-0-67

Lumious intensity

22080 ÷ 24000 Lm



V Module, 256 W

Product code: **3092**

Article: CC T1-Y-E-256-610.200.170-4-0-67

Lumious intensity

29440 ÷ 32000 Lm



V Module, 192 W

Product code: **4643**

Article: CC T1-Y-E-192-810.100.170-4-0-67

Lumious intensity

22080 ÷ 24000 Lm



V Module, 384 W

Product code: **4642**

Article: CC T1-Y-E-384-810.200.170-4-0-67

Lumious intensity

44160 ÷ 48000 Lm



NeoPlast Technology

New generation of LED lamps

Ultra-thin plastic body

Secure dust and moisture protection

Fit with the fire safety requirements

Allowed for use in educational spaces (lamp series «School»)

LED lamps created by NeoPlast technology are used to illuminate public spaces and offices, educational, health care institutions.



Serie
School



Lamp
«School»
14 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	595x130x35 mm
Net weight	0,25 kg
Weight	1,3 kg
Dimensions of packaging	610x145x200 mm
Body material	Plastic
Mount 	Surface mount / Suspension
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	14 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	1470 ÷ 1610 Lm
Curve of intensity 	D (cosine)
Ripple factor	< 5 %

Ordering information

Article

VILED CC 03-Y-M-14-590.130.35-4-0-65

Product code
4917



Lamp
«School»
28 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	1190x130x35 mm
Net weight	0,45 kg
Weight	2,7 kg
Dimensions of packaging	1210x145x200 mm
Body material	Plastic
Mount 	Surface mount / Suspension
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	28 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	2940 ÷ 3220 Lm
Curve of intensity 	D (cosine)
Ripple factor	< 5 %

Ordering information

Article

VILED CC 03-Y-M-28-1190.130.35-4-0-65

Product code
4800



Lamp
«School»
26 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	595x595x60 mm
Net weight	1,3 kg
Dimensions of packaging	610x610x70 mm
Body material	Plastic
Mount ⓘ	Built-in mount
Number of lamps in the package	1

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	26 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	3120 ÷ 3380 Lm
Curve of intensity ⓘ	D (cosine)
Ripple factor	< 5 %

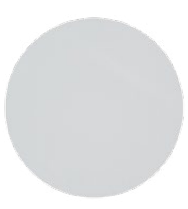
Ordering information

Article	Crushed ice
VILED CC 01-B-K-26-590.590.60-4-0-65	
Product code	4641

Lamp modifications

	Prism
Product code:	4639
Article:	CC 01-B-A-26-590.590.60-4-0-65

Lumious intensity 3120 ÷ 3380 Lm

	Matt
Product code:	4638
Article:	CC 01-B-M-26-590.590.60-4-0-65

Lumious intensity 2990 ÷ 3120 Lm

	Microprisms
Product code:	4640
Article:	CC 01-B-C-26-590.590.60-4-0-65

Lumious intensity 3120 ÷ 3380 Lm



Serie

Office



Lamp

«Office Premium»

28 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	595x595x15 mm
Net weight	1 kg
Weight	6,2 kg
Dimensions of packaging	610x610x110 mm
Body material	Plastic
Mount i	Builtin mount Surface mount
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	28 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	3080 ÷ 3360 Lm
Curve of intensity i	D (cosine)
Ripple factor	< 5 %

Ordering information

Article	Prism
VILED CC 01-Y-A-28-590.590.15-4-0-65	
Product code	3633

Lamp modifications



Crushed ice

Product code:	3675
Article:	CC 01-Y-K-28-590.590.15-4-0-65

Lumious intensity

3080 ÷ 3360 Lm



Matt

Product code:	3616
Article:	CC 01-Y-M-28-590.590.15-4-0-65

Lumious intensity

2800 ÷ 3080 Lm



Microprisms

Product code:	3634
Article:	CC 01-Y-C-28-590.590.15-4-0-65

Lumious intensity

2940 ÷ 3220 Lm





Lamp
«Office Viled»
28 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	595x595x15 mm
Net weight	1 kg
Weight	6,2 kg
Dimensions of packaging	610x610x110 mm
Body material	Plastic
Mount 	Builtin mount Surface mount
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	28 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	2800 ÷ 3080 Lm
Curve of intensity 	D (cosine)
Ripple factor	< 5 %

Ordering information

Article	Matt
VILED CC 02-Y-M-28-590.590.15-4-0-65	
Product code	3907

Lamp modifications

		Crushed ice
Product code:		3906
Article:		CC 02-Y-K-28-590.590.15-4-0-65
Lumious intensity		3080 ÷ 3360 Lm
		Prism
Product code:		3909
Article:		CC 02-Y-A-28-590.590.15-4-0-65
Lumious intensity		3080 ÷ 3360 Lm
		Microprisms
Product code:		3908
Article:		CC 02-Y-C-28-590.590.15-4-0-65
Lumious intensity		2940 ÷ 3220 Lm



Lamp
«Office Viled»
42 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	595x595x15 mm
Net weight	1 kg
Weight	6,2 kg
Dimensions of packaging	610x610x110 mm
Body material	Plastic
Mount 	Builtin mount Surface mount
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	42 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	4620 ÷ 5040 Lm
Curve of intensity 	D (cosine)
Ripple factor	< 5 %

Ordering information

Article	Prism
VILED CC 02-Y-A-42-590.590.15-4-0-65	
Product code	4342

Lamp modifications

		Crushed ice
Product code:		4331
Article:		CC 02-Y-K-42-590.590.15-4-0-65
Lumious intensity		4620 ÷ 5040 Lm
		Matt
Product code:		4337
Article:		CC 02-Y-M-42-590.590.15-4-0-65
Lumious intensity		4200 ÷ 4620 Lm
		Microprisms
Product code:		4341
Article:		CC 02-Y-C-42-590.590.15-4-0-65
Lumious intensity		4410 ÷ 4830 Lm



Lamp
«Office Viled»
56 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	595x595x15 mm
Net weight	1 kg
Weight	6,2 kg
Dimensions of packaging	610x610x110 mm
Body material	Plastic
Mount i	Builtin mount Surface mount
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	56 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	6160 ÷ 6720 Lm
Curve of intensity i	D (cosine)
Ripple factor	< 5 %

Ordering information

Article	Crushed ice
VILED CC 02-Y-K-56-590.590.15-4-0-65	
Product code	4328

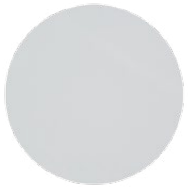
Lamp modifications



Prism

Product code:	4334
Article:	CC 02-Y-A-56-590.590.15-4-0-65

Lumious intensity6160 ÷ 6720 Lm



Matt

Product code:	4329
Article:	CC 02-Y-M-56-590.590.15-4-0-65

Lumious intensity5600 ÷ 6160 Lm



Microprisms

Product code:	4335
Article:	CC 02-Y-C-56-590.590.15-4-0-65

Lumious intensity5880 ÷ 6440 Lm



Serie
Iceberg

Lamp
«Iceberg»
14 W



General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	590x130x15 mm
Net weight	0,2 kg
Weight	1,5 kg
Dimensions of packaging	610x145x110 mm
Body material	Plastic
Mount 	Surface mount Suspension
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	14 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

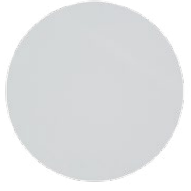
Lighting specifications

Lumious intensity	1470 ÷ 1610 Lm
Curve of intensity 	D (cosine)
Ripple factor	< 5 %

Ordering information

Article	Microprisms
VILED CC 03-Y-C-14-590.130.15-4-0-65	
Product code	3641

Lamp modifications

	Crushed ice
	Product code: 3799 Article: CC 03-Y-K-14-590.130.15-4-0-65
Lumious intensity 1540 ÷ 1680 Lm	
	Prism
	Product code: 3640 Article: CC 03-Y-A-14-590.130.15-4-0-65
Lumious intensity 1540 ÷ 1680 Lm	
	Matt
	Product code: 3639 Article: CC 03-Y-M-14-590.130.15-4-0-65
Lumious intensity 1400 ÷ 1540 Lm	



Acoustic sensor (option)

Lamp
«Iceberg»
28 W



General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	1190x130x15 mm
Net weight	0,45 kg
Weight	2,5 kg
Dimensions of packaging	1210x145x110 mm
Body material	Plastic
Mount 	Surface mount Suspension
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	28 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	3080 ÷ 3360 Lm
Curve of intensity 	D (cosine)
Ripple factor	< 5 %

Ordering information

Article	Prism
VILED CC 03-Y-A-28-1190.130.15-4-0-65	
Product code	3764

Lamp modifications

	Crushed ice
	Product code: 3800 Article: CC 03-Y-K-28-1190.130.15-4-0-65
Lumious intensity 3080 ÷ 3360 Lm	
	Microprisms
	Product code: 3763 Article: CC 03-Y-C-28-1190.130.15-4-0-65
Lumious intensity 2940 ÷ 3220 Lm	
	Matt
	Product code: 3762 Article: CC 03-Y-M-28-1190.130.15-4-0-65
Lumious intensity 2800 ÷ 3080 Lm	

Lamp «Iceberg» 42 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	1190x130x15 mm
Net weight	0,55 kg
Weight	2,9 kg
Dimensions of packaging	1210x145x110 mm
Body material	Plastic
Mount 	Surface mount Suspension
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	42 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	4200 ÷ 4620 Lm
Curve of intensity 	D (cosine)
Ripple factor	< 5 %

Ordering information

Article

Matt

VILED CC 03-Y-M-42-1190.130.15-4-0-65

Product code
4353

Lamp modifications

Crushed ice



Product code: 4352
Article: CC 03-Y-K-42-1190.130.15-4-0-65

Lumious intensity 4620 ÷ 5040 Lm

Prism



Product code: 4355
Article: CC 03-Y-A-42-1190.130.15-4-0-65

Lumious intensity 4620 ÷ 5040 Lm

Microprisms



Product code: 4354
Article: CC 03-Y-C-42-1190.130.15-4-0-65

Lumious intensity 4410 ÷ 4830 Lm

Lamp «Iceberg» 56 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	1190x130x15 mm
Net weight	0,55 kg
Weight	2,9 kg
Dimensions of packaging	1210x145x110 mm
Body material	Plastic
Mount 	Surface mount Suspension
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	56 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	6160 ÷ 6720 Lm
Curve of intensity 	D (cosine)
Ripple factor	< 5 %

Ordering information

Article

Crushed ice

VILED CC 03-Y-K-56-1190.130.15-4-0-65

Product code
4439

Lamp modifications

Prism



Product code: 4441
Article: CC 03-Y-A-56-1190.130.15-4-0-65

Lumious intensity 6160 ÷ 6720 Lm

Microprisms



Product code: 4440
Article: CC 03-Y-C-56-1190.130.15-4-0-65

Lumious intensity 5880 ÷ 6440 Lm

Matt



Product code: 4438
Article: CC 03-Y-M-56-1190.130.15-4-0-65

Lumious intensity 5600 ÷ 6160 Lm



Serie Net

Lamp «Net» 28 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	1500x65x15 mm
Net weight	0,35 kg
Weight	2 kg
Dimensions of packaging	1520x145x110 mm
Body material	Plastic
Mount i	Suspension Surface mount
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	28 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	3080 ÷ 3360 Lm
Curve of intensity i	D (cosine)
Ripple factor	< 5 %

Ordering information

Article	Crushed ice
VILED CC 04-Y-K-28-1500.65.15-4-0-65	
Product code	4253

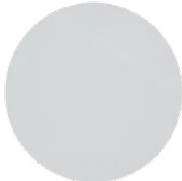
Lamp modifications

	Prism
Product code:	4256
Article:	CC 04-Y-A-28-1500.65.15-4-0-65

Lumious intensity 3080 ÷ 3360 Lm

	Microprisms
Product code:	4255
Article:	CC 04-Y-C-28-1500.65.15-4-0-65

Lumious intensity 2940 ÷ 3220 Lm

	Matt
Product code:	4254
Article:	CC 04-Y-M-28-1500.65.15-4-0-65

Lumious intensity 2800 ÷ 3080 Lm



Lamp
«Net»
42 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	1500x130x15 mm
Net weight	0,65 kg
Weight	3,6 kg
Dimensions of packaging	1520x145x110 mm
Body material	Plastic
Mount 	Suspension Surface mount
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	42 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	4200 ÷ 4620 Lm
Curve of intensity 	D (cosine)
Ripple factor	< 5 %

Ordering information

Article	Matt
VILED CC 04-Y-M-42-1500.130.15-4-0-65	
Product code	4362

Lamp modifications

	Prism
Product code:	4363
Article:	CC 04-Y-A-42-1500.130.15-4-0-65
Lumious intensity	4620 ÷ 5040 Lm

	Microprisms
Product code:	4361
Article:	CC 04-Y-C-42-1500.130.15-4-0-65
Lumious intensity	4410 ÷ 4830 Lm

	Crushed ice
Product code:	4360
Article:	CC 04-Y-K-42-1500.130.15-4-0-65
Lumious intensity	4620 ÷ 5040 Lm



Lamp
«Net»
56 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	1500x130x15 mm
Net weight	0,65 kg
Weight	3,6 kg
Dimensions of packaging	1520x145x110 mm
Body material	Plastic
Mount 	Suspension Surface mount
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	56 W
Power factor	cos φ ≥ 0,9
Operating temperature	+1°C – +35°C

Lighting specifications

Lumious intensity	6160 ÷ 6720 Lm
Curve of intensity 	D (cosine)
Ripple factor	< 5 %

Ordering information

Article	Prism
VILED CC 04-Y-A-56-1500.130.15-4-0-65	
Product code	4240

Lamp modifications

	Crushed ice
Product code:	4177
Article:	CC 04-Y-K-56-1500.130.15-4-0-65
Lumious intensity	6160 ÷ 6720 Lm

	Microprisms
Product code:	4241
Article:	CC 04-Y-C-56-1500.130.15-4-0-65
Lumious intensity	5880 ÷ 6440 Lm

	Matt
Product code:	4239
Article:	CC 04-Y-M-56-1500.130.15-4-0-65
Lumious intensity	5600 ÷ 6160 Lm



Serie Public

Lamp «Public» 5 W



General specifications

IP protection grade	54 IP
Electrical protection class	I
Dimensions	150x150x18 mm
Net weight	0,1 kg
Weight	1,5 kg
Dimensions of packaging	165x330x125 mm
Body material	Plastic
Mount i	Surface mount
Number of lamps in the package	10

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	5 W
Power factor	cos φ ≥ 0,9
Operating temperature	-45°C – +50°C

Lighting specifications

Lumious intensity	500 ÷ 550 Lm
Curve of intensity i	D (cosine)

Ordering information

Article	Matt
VILED CC 05-H-M-5-150.150.18-4-0-54	
Product code	5070

Lamp modifications



Public, 8 W

Product code:	5072
Article:	CC 05-H-M-8-150.150.18-4-0-54

Lumious intensity	800 ÷ 880 Lm
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Public, 11 W

Product code:	5068
Article:	CC 05-H-M-11-150.150.18-4-0-54

Lumious intensity	1100 ÷ 1210 Lm
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Acoustic sensor (option)



Lamp
«Public»
5 W

General specifications

IP protection grade	54 IP
Electrical protection class	I
Dimensions	220x120x18 mm
Net weight	0,1 kg
Body material	Plastic
Mount 	Surface mount

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	5 W
Power factor	cos φ ≥ 0,9
Operating temperature	-45°C – +50°C

Lighting specifications

Lumious intensity	500 ÷ 550 Lm
Curve of intensity 	D (cosine)

Ordering information

Matt

Coming soon!

Lamp modifications



Public, 8 W

Lumious intensity 800 ÷ 880 Lm



Public, 11 W

Lumious intensity 1100 ÷ 1210 Lm



Acoustic sensor (option)



Lamp
«Public»
14 W

General specifications

IP protection grade	65 IP
Electrical protection class	I
Dimensions	590x130x15 mm
Net weight	0,2 kg
Weight	1,5 kg
Dimensions of packaging	610x145x110 mm
Body material	Plastic
Mount 	Surface mount
Number of lamps in the package	5

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	14 W
Power factor	cos φ ≥ 0,9
Operating temperature	-45°C – +50°C

Lighting specifications

Lumious intensity	1400 ÷ 1540 Lm
Curve of intensity 	D (cosine)

Ordering information

Article

Matt

VILED CC 05-Y-M-14-590.130.15-4-0-65

Product code
4261



Acoustic sensor (option)



Serie
Ball



Lamp
«Ball»
32 W

General specifications

IP protection grade	54 IP
Electrical protection class	I
Dimensions	Ø300 mm
Net weight	1,1 kg
Weight	1,4 kg
Dimensions of packaging	315x315x315 mm
Body material	Plastic, aluminium
Mount i	Console for balls

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	32 W
Power factor	cos φ ≥ 0,9
Operating temperature	-45°C – +50°C

Lighting specifications

Lumious intensity	3070 ÷ 3400 Lm
Curve of intensity i	U (Uniform)

Ordering information

Article	Gold
VILED CC 07-K-PB-32-300.300.300-4-0-54	
Product code	3832

Lamp modifications



	Milk
Product code:	3834
Article:	CC 07-K-O-32-300.300.300-4-0-54

Lumious intensity	2800 ÷ 3100 Lm
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	Transparent
Product code:	3835
Article:	CC 07-K-P-32-300.300.300-4-0-54

Lumious intensity	3530 ÷ 3900 Lm
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Lamp
«Ball»
48 W



General specifications

IP protection grade	54 IP
Electrical protection class	I
Dimensions	Ø300 mm
Net weight	1,1 kg
Weight	1,4 kg
Dimensions of packaging	315x315x315 mm
Body material	Plastic, aluminium
Mount 	Console for balls

Electrical specifications

Permissible power voltage range	50–60 Hz
Consumed power	48 W
Power factor	cos φ ≥ 0,9
Operating temperature	-45°C – +50°C

Lighting specifications

Lumious intensity	5295 ÷ 5850 Lm
Curve of intensity 	U (Uniform)

Ordering information

Article	Transparent
VILED CC 07-K-P-48-300.300.300-4-0-54	
Product code	3839

Lamp modifications



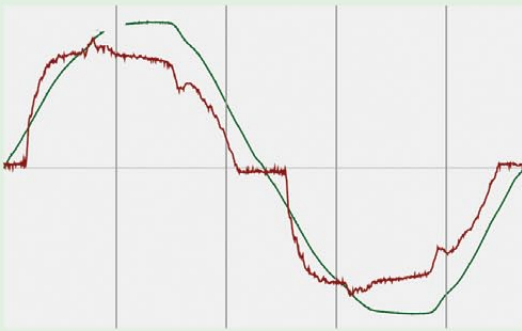
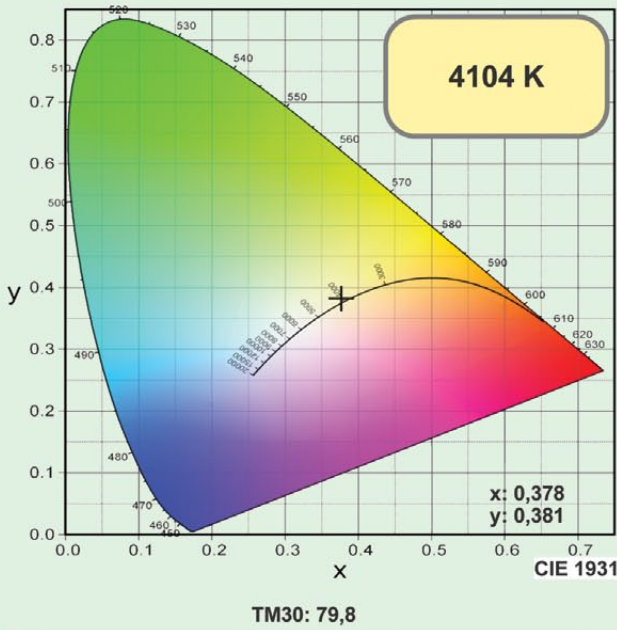
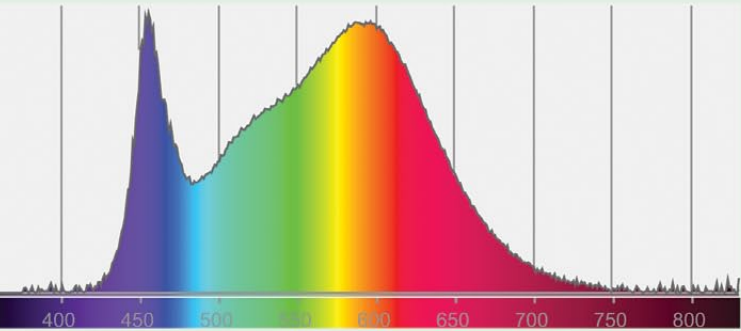
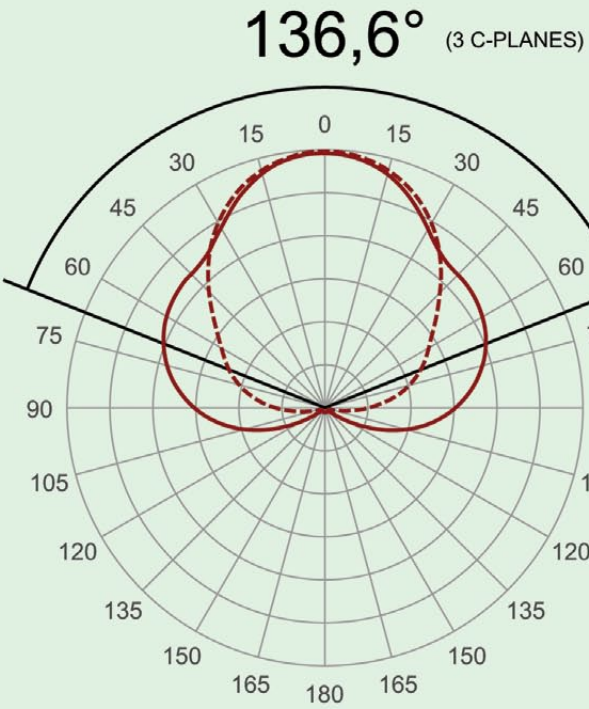
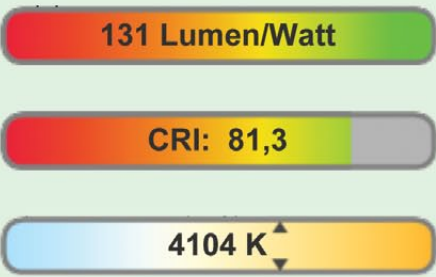
Milk	
Product code:	3838
Article:	CC 07-K-O-48-300.300.300-4-0-54

Lumious intensity 4200 ÷ 4650 Lm



Gold	
Product code:	3836
Article:	CC 07-K-PB-48-300.300.300-4-0-54

Lumious intensity 4605 ÷ 5100 Lm



User manual

User manual

General specifications for all lamps

Warranty period	Over 3 years
Power supply	170–264 V
Bandwidth	50–60 Hz
Color rendering index	Ra ≥ 80
Color temperature	4000 K
L.E.D resource	100 000 hours

Specifications comments

IP protection grade

IP (Ingress Protection Rating). System of classification electrical facilities’ body ingress protection from solid objects and water penetration. The first digit indicates protection level provided with body: 2 - fingers protection, 4 - Most wires, slender screws, ants etc. 5 - ingress of dust is not entirely prevented, 6 - No ingress of dust; complete protection against contact (dust tight). The second digit indicates the level of protection that the enclosure provides against harmful ingress of water: 0 - not protected, 3 - protected against spraying water, 4 - protected against splashing of water, 5 - water projected by a nozzle (6.3 mm) against enclosure from any direction shall have no harmful effects, 6 - water projected in powerful jets against the enclosure from any direction shall have no harmful effects, 7 - ingress of water in harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time (up to 1 m of submersion), 8 - complete protection.

1 protection index against electrical shock

For safe use, the body of lamp must be grounded.

Color rendering index

The parameter indicates the ability of a light source to reveal the colors of various objects faithfully in comparison with an ideal or natural light source. Color rendering index Ra ≥ 80 is considered to be good color rendering.

Ripple factor

The value equal to the maximum relative value of the variable component of ripple voltage (current) to its constant component. Pulsation factor lower than 5% is considered to be low.

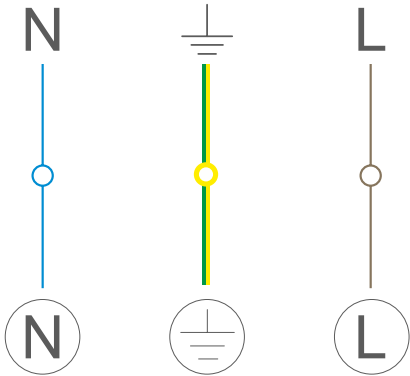
Power factor

This factor defines how phase-shifted alternating current flowing through the load with respect to the voltage applied thereto. The lower power factor, the less power consumption. Power factor value cos f ≥ 0,95 points to high quality energy.

Luminous intensity

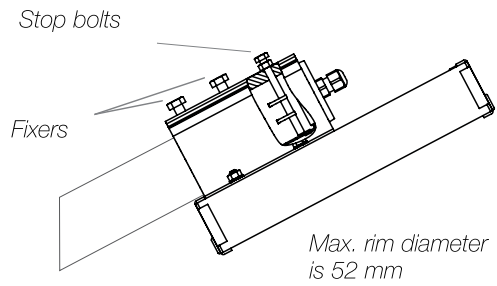
The physical quantity that indicates the amount of luminous intensity in the corresponding stream of radiation where a light output refers to light energy carried by radiation through a surface per selected unit of time. Light efficiency more than lm/W is considered to be very high.

Wiring diagram



User manual

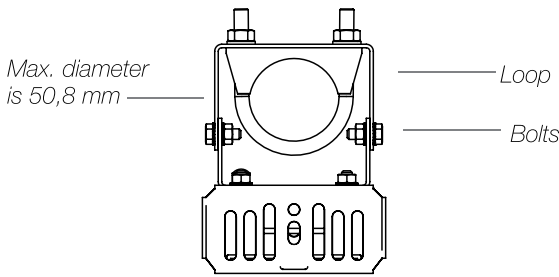
Mounting units’ types



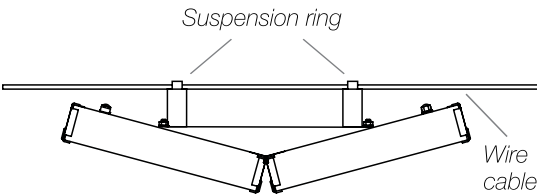
Console
Applies to series
«Module» and «Module Magistral»



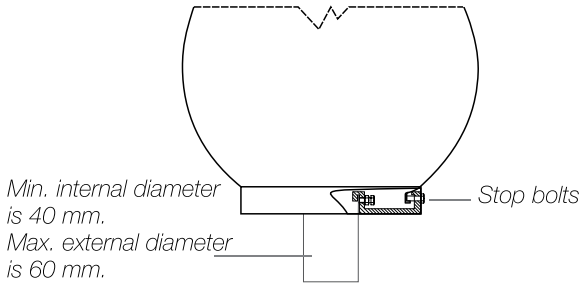
Builtin mount
Applies to series
«School», «Office»



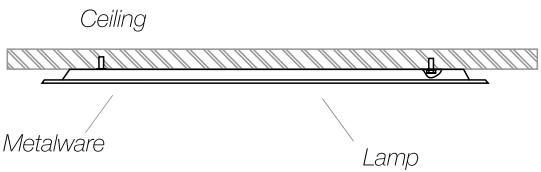
Universal
Applies to series
«Module» and «Module Spotlight»



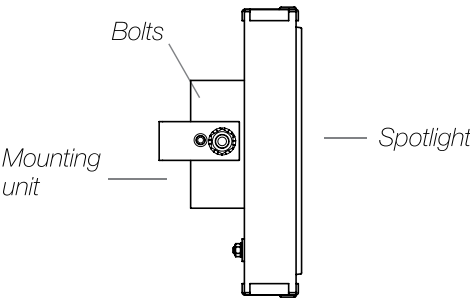
Wire cable mount
Applies to series «V Module», «Module»,
«Module Spotlight»



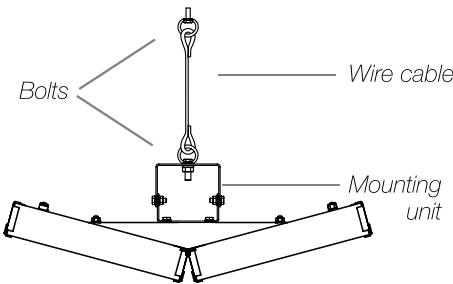
Console for balls
Applies to series «Ball»



Surface mount
Applies to series
«Iceberg», «Net», «Public»



Spotlight mount
Applies to series
«Spotlight»

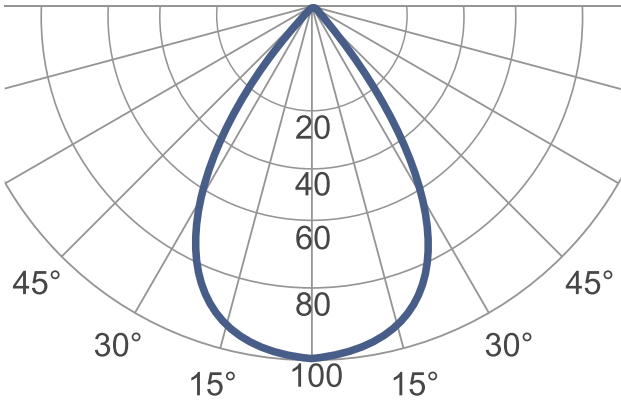


Suspension mount
Applies to series «Module», «V Module»,
«Module Spotlight», «Iceberg», «Net»

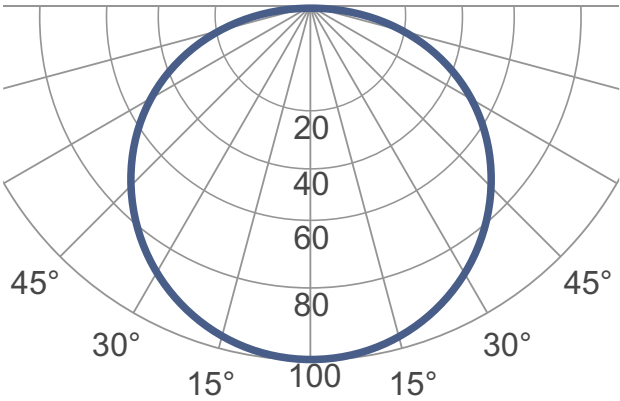
User manual

light intensity curve

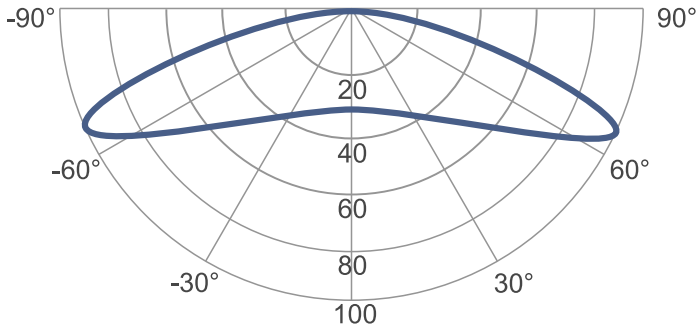
— luminous intensity, cd



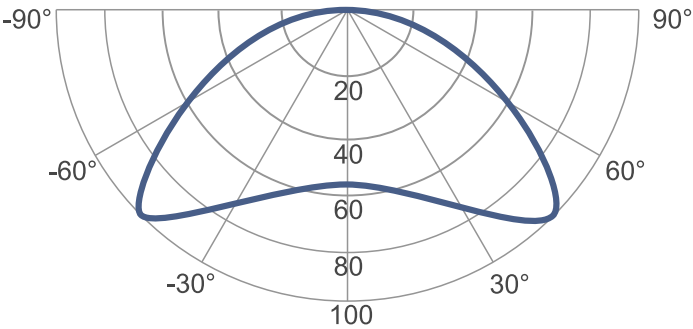
D (Deep)
Applies to series
«Module Spotlight»



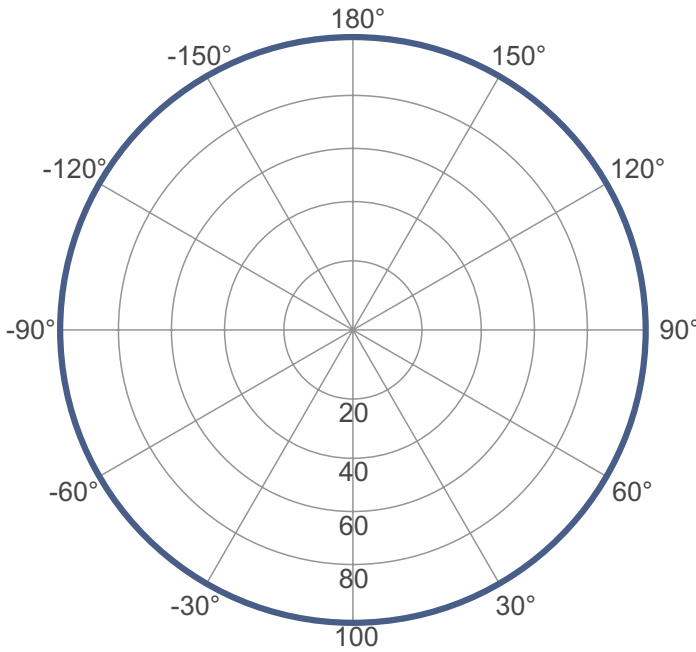
D (cosine)
Applies to series «Module», «V Module»,
«Office», «Iceberg», «Net», «Public»



W (Wide)
Applies to series
«Module Magistral»



S (Semi expanded)
Applies to series
«Module»



U (Uniform)
Applies to series
«Ball»

Contact details

Address

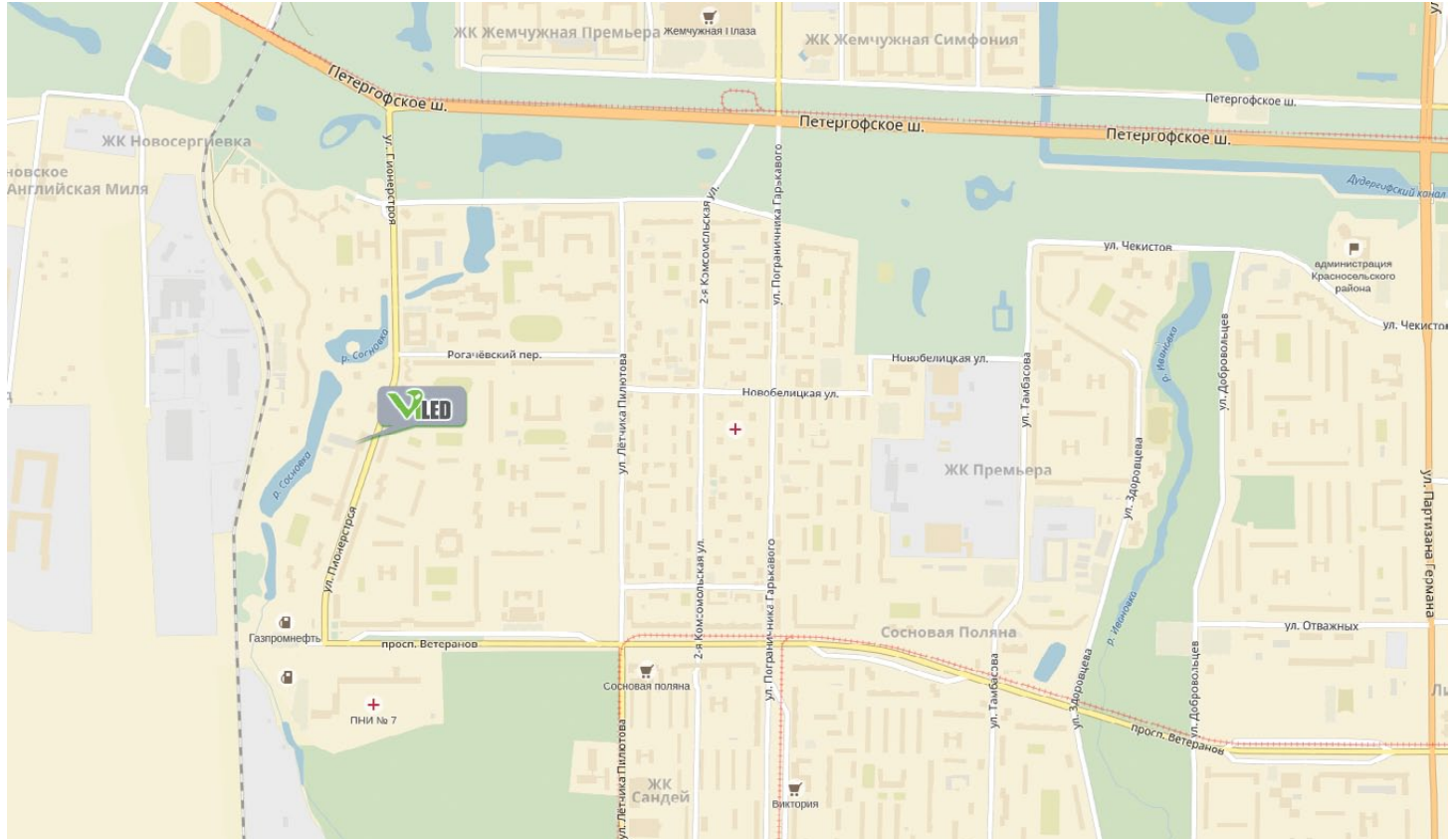
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