

system DCC

DCC technology
Dynamic convection cooling

VILED[®]

2017



Key advantages of DCC



Dynamic convection cooling

Protected by patent RU 124361 U1 dd. September 6, 2012



Radiator-less aluminium case

Effective operation despite the minimum weight and dimensions; non-corrodible



Proprietary circuit design

Best lighting characteristics on the market; luminous efficacy is over 130 lm/W



Versatile modular design

The possibility of combining 1 to 28 modules in a single fixture



Reliable dust and moisture protection

Full dust protection; capable of operating during short-term submersion down to a depth of 1m



LED Lamp series «Module» **16 W**

Areas of application



industrial premises



logistics centres



building surrounding areas



streets



building faces



construction sites



parking lots, garages



parks



Power consumption, W	16
Light intensity curve (LIC)	D (cosine)
Lumious intensity, lm	1840 ÷ 2000
Fixture dimensions, mm	130x100x130
Fixture net weight, kg	0,65
LED lifespan, h	100000

Modifications:



- 16 W
- 1920 lm
- LIC D



- 32 W
- 3840 lm
- LIC L



- 48 W
- 5760 lm
- LIC L

LED Lamp series «Module» 32 W

Areas of application



industrial premises



logistics centres



building surrounding areas



streets



building faces



construction sites



parking lots, garages



parks



Modifications:



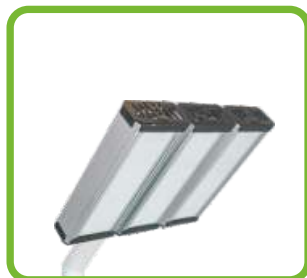
- 64 W
- 7680 lm
- LIC D



- 64 W
- 7680 lm
- LIC L



- 64 W
- 7680 lm
- LIC D



- 96 W
- 11520 lm
- LIC D



- 96 W
- 11520 lm
- LIC L



- 96 W
- 11520 lm
- LIC D

Power consumption, W	32
Light intensity curve (LIC)	D (cosine)
Lumious intensity, lm	3680 ÷ 4000
Fixture dimensions, mm	250x100x130
Fixture net weight, kg	1,1
LED lifespan, h	100000

LED Lamp series «Module» 48 W

Areas of application



industrial premises



logistics centres



building surrounding areas



streets



building faces



construction sites



parking lots, garages



parks



Modifications:



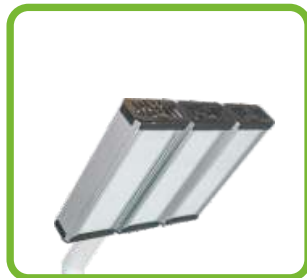
- 96 W
- 11520 lm
- LIC D



- 96 W
- 11520 lm
- LIC L



- 96 W
- 11520 lm
- LIC D



- 144 W
- 17280 lm
- LIC D



- 144 W
- 17280 lm
- LIC L



- 144 W
- 17280 lm
- LIC D

Power consumption, W	48
Light intensity curve (LIC)	D (cosine)
Lumious intensity, lm	5520 ÷ 6000
Fixture dimensions, mm	250x100x130
Fixture net weight, kg	1,1
LED lifespan, h	100000

LED Lamp series «Module» 64 W

Areas of application



industrial premises



logistics centres



building surrounding areas



streets



building faces



construction sites



parking lots, garages



parks



Modifications:



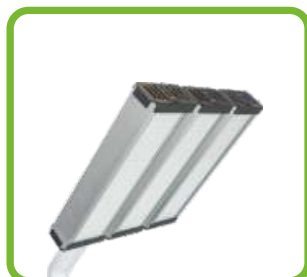
- 128 W
- 15360 lm
- LIC D



- 128 W
- 15360 lm
- LIC L



- 128 W
- 15360 lm
- LIC D



- 192 W
- 23040 lm
- LIC D



- 192 W
- 23040 lm
- LIC L



- 192 W
- 23040 lm
- LIC D

Power consumption, W	64
Light intensity curve (LIC)	D (cosine)
Lumious intensity, lm	7360 ÷ 8000
Fixture dimensions, mm	300x100x130
Fixture net weight, kg	1,3
LED lifespan, h	100000

LED Lamp series «Module» 96 W

Areas of application



industrial premises



logistics centres



building surrounding areas



streets



building faces



construction sites



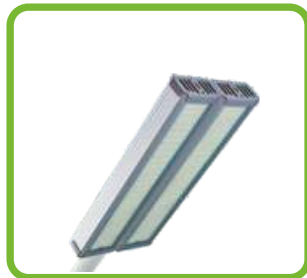
parking lots, garages



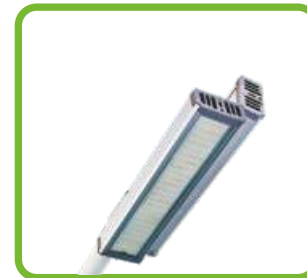
parks



Modifications:



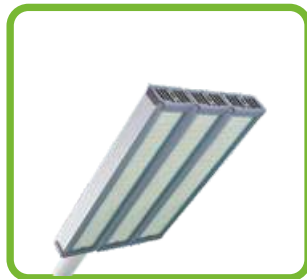
- 192 W
- 23040 lm
- LIC D



- 192 W
- 23040 lm
- LIC L



- 192 W
- 22040 lm
- LIC D



- 288 W
- 34560 lm
- LIC D



- 288 W
- 34560 lm
- LIC L



- 288 W
- 34560 lm
- LIC D

Power consumption, W	96
Light intensity curve (LIC)	D (cosine)
Lumious intensity, lm	11040 ÷ 12000
Fixture dimensions, mm	400x100x130
Fixture net weight, kg	2,1
LED lifespan, h	100000

LED Lamp series «V Module» 32 W



Power consumption, W	32
Light intensity curve (LIC)	D (cosine)
Lumious intensity, lm	3680 ÷ 4000
Fixture dimensions, mm	280x100x150
Fixture net weight, kg	1,4
LED lifespan, h	100000

Areas of application



industrial premises



logistics centres



building surrounding areas



streets



building faces



construction sites



parking lots, garages



parks

Modifications:



- 64 W
- 7680 lm
- LIC D



- 96 W
- 11520 lm
- LIC D



- 128 W
- 15360 lm
- LIC D



- 192 W
- 22040 lm
- LIC D



- 192 W
- 22040 lm
- LIC D



- 256 W
- 30720 lm
- LIC D



- 384 W
- 46080 lm
- LIC D



Applications



LED Lamp series «Module Magistral» 32 W

Areas of application



roads and highway lighting



streets



building surrounding areas



parks



Modifications:



- 64 W
- 7680 lm
- LIC W



- 96 W
- 11520 lm
- LIC W



- 128 W
- 15360 lm
- LIC W



- 192 W
- 23040 lm
- LIC W

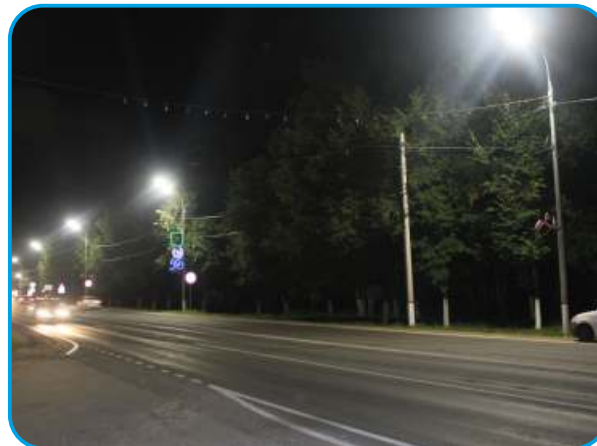


- 288 W
- 34560 lm
- LIC W

Power consumption, W	32
Light intensity curve (LIC)	W (Wide)
Lumious intensity, lm	3680 ÷ 4000
Fixture dimensions, mm	250x100x130
Fixture net weight, kg	1,0
LED lifespan, h	100000



Applications



LED Lamp series «Module Spotlight» **32 W**

Areas of application



sports facilities



logistics centres



building faces



construction sites



Power consumption, W	32
Light intensity curve (LIC)	D (Deep)
Lumious intensity, lm	3680 ÷ 4000
Fixture dimensions, mm	250x100x130
Fixture net weight, kg	0,9
LED lifespan, h	100000

Modifications:



- 64 W
- 7680 lm
- LIC D



- 96 W
- 11520 lm
- LIC D



- 128 W
- 15360 lm
- LIC D



- 192 W
- 23040 lm
- LIC D



- 256 W
- 30720 lm
- LIC D



- 288 W
- 34560 lm
- LIC D

LED Lamp series «Module Spotlight»

Areas of application



sports facilities



logistics centres



building faces



construction sites



- 384 W
- 46080 lm
- LIC D



- 480 W
- 57600 lm
- LIC D



- 960 W
- 115200 lm
- LIC D



Applications





**Delivery
geography**

Contacts



Thank you!



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