

ROGUE

Array LeS technology

TK ROGUE EN01 16-03
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 Manufactured in Finland



DAYLIGHT from LeS

BELIEVE AND CONQUER!
 OUR SOLUTION AGAINST EVERYDAY GREYNESS,
 ROGUE – DAYLIGHT *from LeS*

LUMINAIRE FOR DEMANDING NEEDS

– High luminous flux with less power: 150 lm/W! Energy saving potential up to 92 %

- Daylight color temperature 5000K
- Instant ignition
- Flicker free
- Dimming 0 – 140 %
- Maintenance free
- Produces light, not heat
- 100 % recyclable



Array LeS -innovation produces the best lighting on the market, amazing color rendering index and secures a lifespan of over 200 000 hours.

ROGUE is a very powerful Array LeS luminaire. This product demonstrates all the outstanding features found in LumiTar's luminaires: quality, efficiency, ecology and usability. These luminaires are built to last in demanding conditions. They can be installed from freezing colds to boiling heats. Carefully designed, this luminaire is 100 % recyclable. Aluminum frame, glass lens optics, customizable light angle and dimming possibilities combined with high light intensity from less power offers a new cost-effective solution for the end-user. The luminaire is easily operated due to its small size and light weight.

FLICKER FREE

The ROGUE, like all of our other luminaires, is technically very advanced. Our light is always completely flicker free, has a CRI of over 85 and creates a daylight like environment with a color temperature of 5000 K.

VERSATILE INTERFACE DEVICES

In Array LeS luminaires LumiTar uses custom-built power supply devices. The power supply has a broad voltage range, either Vac or Vdc. The power supply has an efficiency rating of 97.3 % and its lifespan is up to 100 000 hours, when operated within reported range.

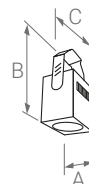
Array LeS luminaires always ignite from zero level so that no power surges are fed back to the grid. Luminaires ignite in 0,75 μ s, basically without delay. The power supply is covered with a strong aluminum frame. It does not cause disturbances to the environment, to the grid or to the control device.

Array LeS luminaires are fully dimmable with a control device from 0–100 (140) %.



DIMENSIONS

	A	B	C
mm	115	240/290	145
Luminaire weight	ROGUE 22: 1.5 kg ROGUE 84: 2.1 kg		



Type key designation ROGUE



ROGUE | **L** | **40** | **S** | **A** | **04** | **01** | **5** | **2**

PRODUCT FAMILY
ROGUE

MODEL
L = Low
H = High

BEAM ANGLE
S = 12-52° SPOT (narrow spotlight)
F = 58-74° FLOOD (general)
A = 90-122° AREA (broad area)

POWER
40 = 40 W
100 = 100 W

HOLDER
 A
 ME

REFLECTOR TYPE / BEAM
Fits holder A:
01 = XW / 92°
02 = W / 64°
03 = M / 51°
04 = S / 39°



Fits holder ME:
12 = 6W / 58°
13 = 7M / 38°
14 = 8S / 36°
15 = 9SS / 30°
16 = 10S6 / 12°



IP-CLASS
1 = IP20
2 = IP44
3 = IP54
4 = IP65
5 = IP67
6 = IP68

COLOR
1 = RAL9010 (white)
2 = RAL9006 (grey)
3 = RAL9005 (black)

LENS TYPE
05 = Clear H
06 = Flood H



11 = Cup IK



Technical data, ROGUE

ROGUE luminaire is truly versatile. It has a broad range of different reflectors to suit your every need. There are also different glass optics. All possible deviations can be found in product range –table.

BEAM WIDTH

ROGUE __ S	ROGUE __ F	ROGUE __ A
Spot	Flood	Area
12-52°	58-77°	90-122°
spotlight	general light	broad area light

ECOLOGY

	Min	Max
Energy		
Luminaire efficiency	120 lm/W	150 lm/W
Dimming		0-140 %
Materials		
RoHS-compatible		Yes
Weight		2.4 kg
Recycling		Yes
Recyclable material		100%
Lifespan (Array LeS)		
Light chip lifespan	200 000 h	200 000 h
Power supply lifespan (within given range)	100 000 h	100 000 h

		ROGUE L_	ROGUE H_
Technical data			
Power	W	40	100
Luminous flux	lm	5 600	12 000
Luminaire efficiency	lm /W	140	120
Color temperature / ANSI CCT	K	4000	5000
Color rendering index CRI/Ra	Ra	85	85
Light chip / Array light module		BxRV1.8	BxRV2.9
Light chip voltage	V DC	30.4	39.4
Energy efficiency class - Energy Star		AAA	AAA
Light chip lifespan	Years	25	25
	Hours	200 000	200 000
Luminaire control			
Luminaire reconnection	ms	0.075	0.075
Dimming	%	0-140	0-140
Manual control	V	0-10	0-10
Control devices: GSM, LAN, DMX, DALI		Yes	Yes
Mechanical data			
Protection class		IP23/IP67	IP23/IP67
Luminaire weight	kg	1.5	2.1
Ambient working temperature, continuous	°C	-42... +70	-42... +70
Ambient working temperature, short-term	°C	-45... +105	-45... +105
Warranty	Years	5	5
Maintenance free		Yes	Yes
Cleaning – allows pressurized water/air	Max. bar	2	2
Ecology: Recyclable material	%	100	100
Installation			
Roof, wall, track		Yes	Yes
Power supply (electronic) class 2, MWHLG			
Luminaire current, 232 V AC	A	0.17	0.43
Efficiency	%	98.7	98.7
Voltage range / 50 - 60 Hz	V AC	90-305	90-305
Power supply protection class		IP67	IP67
Power supply distance from luminaire	m	0-20	0-20
Accessories			
Extension cable		QPD C 3PE 2,5 2x 6-10 BK	QPD C 3PE 2,5 2x 6-10 BK
Protection cup for optics / Protection cup IK-class		IK / IK10	IK / IK10

Materials and handling

Frame: extruded aluminum profile
 Lense: tempered glass
 Seals: silicone
 Surface: anodizing or powder coating

The energy efficiency
can be improved more than 80 %
when replacing old luminaires with
LumiTar Array LeS luminaires.

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