

NPK DESIGN IS ONE OF THE MOST VALUED INTERNATIONAL DESIGN AGENCIES IN THE NETHERLANDS, WITH OVER 40 YEARS OF EXPERIENCE. THE COMPANY OFFERS A WIDE RANGE OF SERVICES INCLUDING STRATEGIC ADVICE, INDUSTRIAL DESIGN, SERVICE DESIGN, GRAPHIC DESIGN, AND PUBLIC DOMAIN PROJECTS, AS WELL AS SUPPLY MANAGEMENT.

NPK DESIGN

LEIDEN, THE NETHERLANDS



PURATI

FUSI / CEILING LUMINAIRES
FUSI / TRACK LUMINAIRES



↑
GALLERIES
TERRACE SHOP
BAR

PURATI

FUSI / CEILING LUMINAIRES
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THE QUALITY OF DESIGN

A series of architectural spotlight

The design of Fusi family is based on circle and square, fused together. Hence the name 'Fusi'

The minimalist visual identity is a reference to purity and this reflects the geometric form of the light fittings. It's originally designed by npk design, which in typical modular design with their pure and sophisticated shapes and discrete meet finish in white and black, they can be used in high-end residential, hospitality, retail and office environments, and other spaces.

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Discover our customized Solutions

Design by **npk design**, Leiden, Netherlands

In 2010, we cooperated with a strong partner, NPK design agency in the Netherlands, and have since succeeded in adding new innovative design with new functionality to our product series every year.

As a result, we produce premium quality and high-performance LED luminaires, which are distributed to more than 30 countries around the world.





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Features & Details

- Single beam and double beam versions
- Material: die casting aluminum in white, black with a matte finish
- A spotlight with a rotational adjustment of 350° and an angular adjustment of 180°
- A versatile general or accent lighting tool
- Can be surface-mounted, semi-recessed mounted or used on a (magnetic) track system
- Available in light colours 2700 K, 3000 K, 4000 K; CRI >95, SDCM<3, UGR<13
- Min. 80% of the luminous flux after 50.000 hours
- Incl. high quality lens system
- On board power selection (all led drivers equipped with a DIP switch which allows to set the luminaire working in high or low power)
- Replaceable lenses with different beam angles (15°/ 24°/ 36°/ 50°)
- Phase cut dimming, DALI dimming

Accessories (optional)

- Honeycomb Louver
- Cross Louver

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LIGHT, EMOTION...

Fusi 46 Ceiling

Thanks to their powerful LEDs, our swiveling spotlights deliver ideal indoor lighting. Our spotlights are available in surface-mounted, semi-recessed or track-mounted versions, with wide to focused beam angles. They can be used for presentations, in retail situations, or in museums. Very powerful and energy-efficient illumination.

The spotlights are great for accentuation, thanks to the precise alignment of the light points. They can be glare-reduced by applying optical accessories such as the Honeycomb Louver. The rotating design allows the light to be turned in the required direction.



“ With this book, Poketo is painting a full-spectrum picture of these creative individuals, so as you’re reading this right now, you can hold a little part of their creativity, and humanity, in your hands. ”

- Jane Doolittle of Design Milk

Geleno Color



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Let's take a look at the Fusi surface mounted single beam version to light up the coffee shop.

The ceiling arm adjustable system makes the light to be turned in the required direction like up, side, down.

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FUSI / TRACK LUMINAIRES



Fusi 46 Ceiling

The Fusi series in typical modular design. Thanks to their powerful LEDs, our swiveling spotlights deliver ideal for indoor lighting. Our spotlights are available in surface-mounted, semi-recessed or track mounted versions, with wide to focused beam angles. They can be used for presentation, in retail situation, or in museums. Very powerful and energy-efficient illumination. The spotlights are great for accentuation, thanks to the precise alignment of the light points. They can be glare-reduced by applying optical accessories such as the Honeycomb Louver. The rotating design allows the light to be turned in the required direction.

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FEATURES

Fusi 46 Ceiling

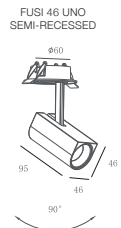
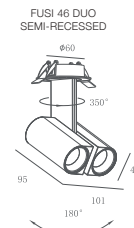
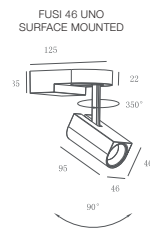
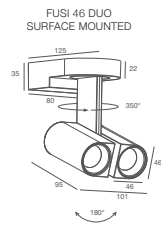
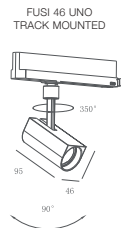
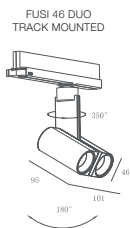
Thanks to their powerful LEDs, our swiveling spotlights deliver ideal indoor lighting. Our spotlights are available in surface-mounted, semi-recessed or track-mounted versions, with wide to focused beam angles. They can be used for presentations, in retail situations, or in museums. Very powerful and energy-efficient illumination. The spotlights are great for accentuation, thanks to the precise alignment of the light points. They can be glare-reduced by applying optical accessories such as the Honeycomb Louver. The rotating design allows the light to be turned in the required direction.

Features & Details

- Single beam and double beam versions
- Material: die casting aluminum in white, black with a matte finish
- A spotlight with a rotational adjustment of 350° and an angular adjustment of 180°
- A versatile general or accent lighting tool
- Can be surface-mounted, semi-recessed mounted or used on a (magnetic) track system
- Available in light colours 2700 K, 3000 K, 4000 K; CRI >95, SDCM<3, UGR<13
- Min. 80% of the luminous flux after 50.000 hours
- Incl. high quality lens system
- On board power selection (all led drivers equipped with a DIP switch which allows to set the luminaire working in high or low power)
- Replaceable lenses with different beam angles (15°/ 24°/ 36°/ 50°)
- Phase cut dimming, DALI dimming

Accessories (optional)

- Honeycomb Louver
- Cross Louver





The Fusi 46 Wall Version

Fusi wall lamps can be directed on the wall upwards or downwards with different beam angles. They bring basic brightness to the room or accentuate the wall with visible light shapes to create a more decorative element.

FEATURES

Fusi 46 Wall

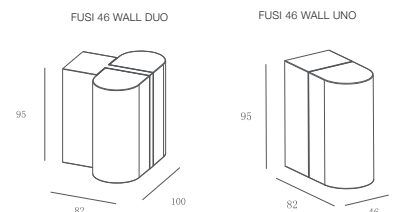
The wall-mounted luminaires offer a discreet and functional solution to general or accent architectural lighting. The luminaires provide a high level of visual comfort. A special lens diffuses light and directs it on the wall upwards and downwards with different beam angles. The lens covers the source of light and provides homogeneous and ambient lighting. Our wall lights provide seamless integration with their surroundings, with subtle light in the required space. They bring basic brightness to the room or accentuate the wall with visible light shapes. Any glare can be reduced by applying optical accessories such as the Honeycomb Louver.

Features & Details

- Single beam and double beam version
- Luminaire bodies made of die-cast aluminum in white and black with a matte finish
- A versatile general and accent lighting tool
- Replaceable lens with different beam angles (15°/24°/36°/50°)
- Available in light colors 2700K, 3000k, 4000k; CRI>95, SDCM<3, UGR<13
- Min. 80% of the luminous flux after >50,000 hours
- On-board power selection (all led drivers are equipped with a DIP switch, which allows the luminaire operation to be set to high or low power)

Accessories (optional)

- Honeycomb Louver
- Cross Louver



FUSI / CEILING LUMINAIRES



Fusi 46 Spot Duo
Surface mounted
Matte Black



Fusi 46 Spot Uno
Surface mounted
Matte Black



Fusi 46 Spot Duo
Surface mounted
Matte White



Fusi 46 Spot Uno
Surface mounted
Matte White



Fusi 46 Spot Duo
Semi-recessed
Matte Black



Fusi 46 Spot Uno
Semi-recessed
Matte Black



Fusi 46 Spot Duo
Semi-recessed
Matte White



Fusi 46 Spot Uno
Semi-recessed
Matte White



Fusi 46 Spot Duo
Track mounted
Matte Black



Fusi 46 Spot Uno
Track mounted
Matte Black



Fusi 46 Spot Duo
Track mounted
Matte White



Fusi 46 Spot Uno
Track mounted
Matte White

NEED MORE INFORMATION ON A SPECIFIC PRODUCT?

Download the specification sheet from the product pages on our website for technical further information such as: IES files, Installation instructions, product images and line drawings.

Uniqueness and performance

We get our inspiration from people who share our passion for beautiful things, and we search for the balance between appealing design and high-quality function.

We know that architectural lighting is all about finding the right balance between the aesthetic appeal of a space and the performance of the light. That's why we have thoroughly studied and incorporated the science of lighting.

Our own design labs develop and produce aesthetical LED, technological and high-quality lighting systems, and lighting controls. We are always trying to push the boundaries of what is technically feasible, to enable visionary designs.

Timeless and unique design with pure and refined forms.





Fusi 46 Wall Uno
Matte Black



Fusi 46 Wall Duo
Matte Black



Fusi 46 Wall Uno
Matte White



Fusi 46 Wall Duo
Matte White

FUSI

CEILING LUMINAIRES

General

Ceiling mounted	Surface mounted Semi-recessed Track mounted
IP Rating	IP20
IK Rating	IK08
Warranty	5 years
Material	Die cast aluminium
Finishes	White (RAL 9016) Black (RAL 9005)
Safety	Class II
Energy Efficiency	Class F

Light

CCT	3000/4000K
CRI	>95
SDCM	<3
UGR	<13
Beam	15°/ 24°/ 36°/ 50°
Lifetime	L80 / 50,000h
Flickering	SVM < 0.3 Pst LM < 0.7

Lumens Flux

Beam Angle 15°	Uno 720lm 11W / 570lm 8W Duo 1400lm 20W / 1100lm 15W
Beam Angle 24°	Uno 780lm 11W / 620lm 8W Duo 1500lm 20W / 1200lm 15W
Beam Angle 36°	Uno 770lm 11W / 620lm 8W Duo 1500lm 20W / 1200lm 15W
Beam Angle 50°	Uno 740lm 11W / 590lm 8W Duo 1550lm 20W / 1200lm 15W

Electrical

Input Voltage	220-240VAC / 216V DC
Input Current	Uno 35/50 mA Duo 65/85 mA
Power	Uno 11/8W Duo 20/15W
Out Voltage	Uno 18V / Duo 36V
Output Voltage	Uno 350 / 500 mA Duo 350 / 500 mA
Dimming Options	No DIM / DIM / DALI (DL6)



Fusi 46 Spot Uno

m	Ø cm	Lux AVG	Lux MAX
1	28.98	4077	5905
2	57.97	1019	1476
3	86.95	453	656
4	115.94	254	369
5	144.92	163	236
Angle: 15°			

m	Ø cm	Lux AVG	Lux MAX
1	39.41	3109	4492
2	78.81	777	1123
3	118.22	345	499
4	157.63	194	280
5	197.04	124	179
Angle: 24°			

m	Ø cm	Lux AVG	Lux MAX
1	59.33	1568	2305
2	118.66	392	576
3	177.99	174	256
4	237.32	98	144
5	296.64	62	92
Angle: 36°			

m	Ø cm	Lux AVG	Lux MAX
1	73.28	945	1405
2	146.57	236	362
3	219.85	105	161
4	293.13	59	90
5	366.41	37	57
Angle: 50°			

Fusi 46 Spot Duo

m	Ø cm	Lux AVG	Lux MAX
1	30.00	8278	11960
2	60.00	2069	2990
3	90.00	919	1329
4	120.00	517	747
5	150.00	331	478
Angle: 15°			

m	Ø cm	Lux AVG	Lux MAX
1	41.97	5719	8098
2	83.94	1430	2025
3	125.91	635	899
4	167.88	357	506
5	209.85	228	323
Angle: 24°			

m	Ø cm	Lux AVG	Lux MAX
1	62.94	2866	4090
2	128.87	716	1023
3	188.81	318	454
4	251.75	179	255
5	314.68	114	163
Angle: 36°			

m	Ø cm	Lux AVG	Lux MAX
1	87.65	1544	2375
2	175.29	386	593
3	262.94	171	263
4	350.58	96	148
5	438.23	61	94
Angle: 50°			

FUSI

WALL LUMINAIRES

General

Wall mounted	
IP Rating	IP20
IK Rating	IK08
Warranty	5 years
Material	Die cast aluminium
Finishes	White (RAL 9016)
	Black (RAL 9005)
Safety	Class II
Energy Efficiency	Class F

Light

CCT	3000/4000K
CRI	>95
SDCM	<3
UGR	<13
Beam	15° / 24° / 36° / 50°
Lifetime	L80 / 50,000h
Flickering	SVM < 0.3
	Pst LM < 0.7

Lumens Flux

Beam Angle 15°	Uno 460 lm 6 W Duo 900 lm 12 W
Beam Angle 24°	Uno 510 lm 6 W Duo 960 lm 12 W
Beam Angle 36°	Uno 500 lm 6 W Duo 960 lm 12 W
Beam Angle 50°	Uno 480 lm 6 W Duo 920 lm 12 W

Electrical

Input Voltage	220-240VAC / 216V DC
Input Current	Uno 30 mA Duo 55 mA
Power	Uno 6W Duo 12W
Out Voltage	Uno 18V / Duo 36V
Output Voltage	Uno 280 mA Duo 270 mA
Dimming Options	No DIM / DALI (DL6)



Fusi 46 Wall Uno

m	∅ cm	Lux AVG	Lux MAX
1	29,95	2847	4067
2	59,89	712	1017
3	89,84	316	452
4	119,79	178	254
5	149,74	114	163

Angle: 15°

m	∅ cm	Lux AVG	Lux MAX
1	41,75	1999	2823
2	83,50	499	705
3	125,26	222	313
4	167,01	124	176
5	208,76	76	112

Angle: 24°

m	∅ cm	Lux AVG	Lux MAX
1	63,69	978	1393
2	125,37	244	348
3	188,06	108	154
4	250,00	61	87
5	313,44	39	55

Angle: 36°

m	∅ cm	Lux AVG	Lux MAX
1	87,19	524	799
2	174,38	131	199
3	261,56	58	88
4	348,75	32	49
5	435,94	20	31

Angle: 50°

Fusi 46 Wall Duo

m	∅ cm	Lux AVG	Lux MAX
1	30,18	5582	7934
2	60,36	1396	1983
3	90,54	620	881
4	120,72	348	495
5	150,90	223	317

Angle: 15°

m	∅ cm	Lux AVG	Lux MAX
1	41,37	3776	5379
2	82,74	944	1345
3	124,11	419	597
4	165,68	236	336
5	206,85	151	215

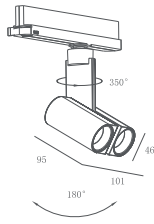
Angle: 24°

m	∅ cm	Lux AVG	Lux MAX
1	62,04	1870	2682
2	124,07	467	670
3	186,11	207	298
4	248,14	116	167
5	310,18	74	107

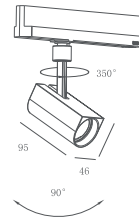
Angle: 36°

m	∅ cm	Lux AVG	Lux MAX
1	84,48	1057	1610
2	168,96	264	402
3	253,44	117	178
4	337,92	66	100
5	422,40	42	64

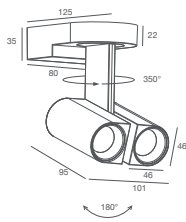
Angle: 50°



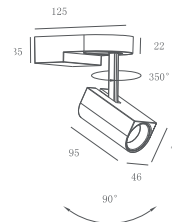
**FUSI 46 SPOT DUO
TRACK MOUNTED**



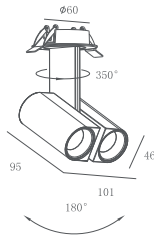
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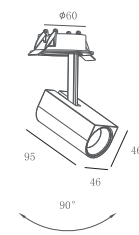
**FUSI 46 SPOT DUO
SURFACE MOUNTED**



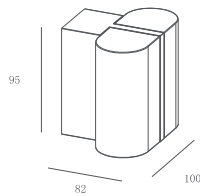
**FUSI 46 SPOT UNO
SURFACE MOUNTED**



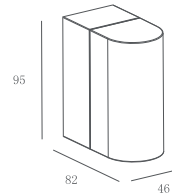
**FUSI 46 SPOT DUO
SEMI-RECESSED**



**FUSI 46 SPOT UNO
SEMI-RECESSED**



FUSI 46 WALL DUO



FUSI 46 WALL UNO

Visit the Purati website to view the complete range of other technical information and download contains a comprehensive database of IES files, intallation instructions and product images.



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Unique & performance

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