ROLD Gruppo

GENERAL CATALOGUE

LED PRODUCTS

2016

Roldlighting

made in Italy

ROLD Gruppo

ROLD Lighting is the **ROLD Group** business unit dedicated to the illuminating engineering that capitalizes the Group consolidate experience, solidity and reliability, gained through **over fifty years of international presence** in home appliances parts & components manufacturing, with specialized and high level electrotechnics and electronics skills.

In the last years the Group decided to extend its offer to LED Lighting trade starting up with a new range of lighting products, a range of **high efficiency lamps that use LEDs as lighting source: effectively, energy saving with LEDs reaches 80%** compared to the traditional incandescent or linear fluorescent lighting sources.

ROLD Group has also developed a **new "management & monitoring" system**, which can be perfectly integrated with lamps (on request): taking advantage of the traditional and common power line for data transmission, it allows a real time using control on the single lamp or groups of them.

The 'integrated intelligence' allows not only to verify in real time the lamps energy costs (watt consumption and economics), but also enables a controlled and managed 'smart use' through the creation of usage scenarios modeled according to the specific application of the lamp and the context of the implementation.
All this with the data transmission via power line!

CSQ IQNet

Roldlighting

made in Italy

NIKA *SERIES*

LED lamp versatile and modular

Industrial fixture luminaire in die-cast aluminum, which is a replacement of different modules for industrial equipment with large luminous flux.
The body with a modern and minimalist design has been studied to obtain a good heat dissipation allowing the LED module greater durability and a perfect performance during its use. The structure is compact and designed for use in places with harsh environments.

The glass is tempered with 4 mm thickness to ensure greater safety in every possible use. The product is also fitted with the anticondensation valve.

Its modularity allows the realization and the assembly of various forms and at the same time to vary the light fluxes from 8.000 at 50W up to 50.000 at 400 W.

In addition, thanks of various optics support, you can get the direction of the light beam according to your needs. The versatility of this product includes several methods of fixing: suspension, ceiling, wall or floodlight.

Mechanical features

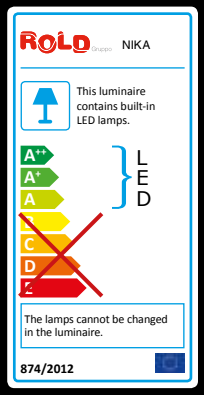
Chassis	Die-cast aluminum UNI EN 1706
Dissipator	Cast aluminum UNI EN 1706 with fins
Bracket	4 mm thick, in galvanized steel and painting polyester powder
Gasket	Silicon compliant with Led lighting
Vents Protection	IP69K
Glass	Tempered 4 mm
Thermal and mechanic resistance	IK08
Optical Unit configurable	PMMA anti UV(PC anti UV optional) 6 dedicated optics
Compression cable glands	IP68
Protection against mechanical impacts	IK08 (5 J vandal-protected)
Protection Degree	IP66 dust penetration-protected, jet-proof
Maintenance	Limited

Electrical features

Driver included - Failure rate	0.15% per 5.000 hr
Insulation class	I
Power supply	110÷240V - 50/60 Hz
Power factor	>0.9 (fully loaded)
Colour	Anthracite RAL 7016, painting termosetting polyester powder
Options of Energy Saving	Dimming driver, ROLD SmartPower (by power line)
Markings	CE mark
Operating Temperature Range of the lighting device	From -30 to +50°C
Operating Temperature Range of the Driver IP65/IP67	From -30 to +50°C
Luminous Source	Integrated Led module
Driver	IP67 / IP65 laminated aluminum
Driver lifetime	7 Years (Case Temperature 75°C or less)

Optical features

CRI ≥ 80
L80 - B10 - 60000 hrs @85°C (IESNA LM80)
Risk Group 0 - exempt IEC/EN 62471
On request lamps with different CRI / Color temperature (K)



NIKA

SUSPENSION

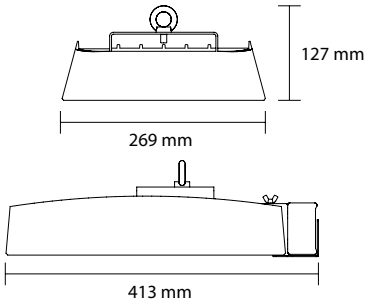
Roldlighting

NIKA

SUSPENSION

NIKA 1MS RT

OPTIC TYPE **NO LENS**
BEAM ANGLE **120°**
USE TYPE **LOW BAY**



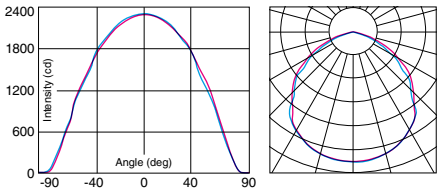
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MS RT 00*	150	54	7800	5000	0,7	6,5	Osram Duris E5	144	7016
NIK 1MS RT 01	12	105	13320	5000	0,7	6,5	Lumileds Luxeon M	127	7016
NIK 1MS RT 02	12	125	15984	5000	0,9	6,5	Lumileds Luxeon M	128	7016
NIK 1MS RT 03	16	135	17760	5000	0,7	6,5	Lumileds Luxeon M	132	7016
NIK 1MS RT 04	16	185	21120	5000	0,9	6,5	Lumileds Luxeon M	114	7016
NIK 1MS RT 05	16	200	24640	5000	1,04	6,5	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

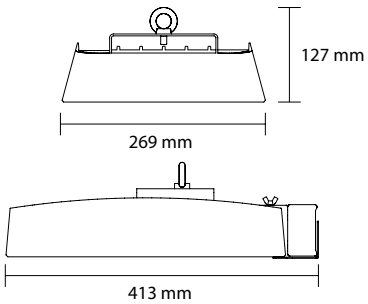
***PHOTOMETRY**

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	11,7	12,3	143,4
5	14,6	15,4	91,8
6	17,5	18,4	63,7
8	23,4	24,6	35,8
10	29,3	30,7	22,9



NIKA 1MS CY

OPTIC TYPE **WIDE BEAM LENS**
BEAM ANGLE **115°**
USE TYPE **LOW BAY**



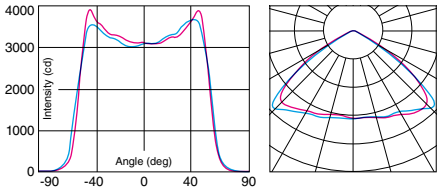
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MS CY 00	12	105	13320	5000	0,7	6,5	Lumileds Luxeon M	127	7016
NIK 1MS CY 01*	12	125	15984	5000	0,9	6,5	Lumileds Luxeon M	128	7016
NIK 1MS CY 02	16	135	17760	5000	0,7	6,5	Lumileds Luxeon M	132	7016
NIK 1MS CY 03	16	185	21120	5000	0,9	6,5	Lumileds Luxeon M	114	7016
NIK 1MS CY 04	16	200	24640	5000	1,04	6,5	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

***PHOTOMETRY**

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	13,00	12,5	193,4
5	16,2	15,6	123,8
6	19,5	18,8	85,9
8	26,0	25,1	48,3
10	32,5	31,3	30,9



OPTIONAL COLOUR

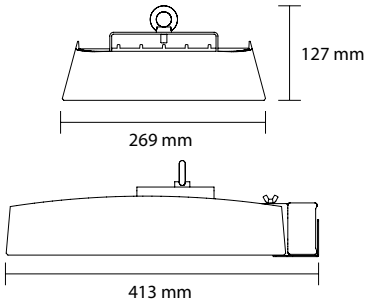
WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

NIKA 1MS HC

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 150°**
USE TYPE **WAREHOUSE**



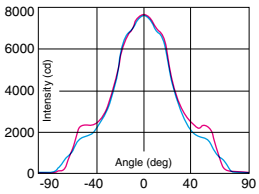
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MS HC 00*	12	105	13320	5000	0,7	6,5	Lumileds Luxeon M	127	7016
NIK 1MS HC 01	12	125	15984	5000	0,9	6,5	Lumileds Luxeon M	128	7016
NIK 1MS HC 02	16	135	17760	5000	0,7	6,5	Lumileds Luxeon M	132	7016
NIK 1MS HC 03	16	185	21120	5000	0,9	6,5	Lumileds Luxeon M	114	7016
NIK 1MS HC 04	16	200	24640	5000	1,04	6,5	Lumileds Luxeon M	123	7016

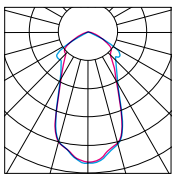
t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

*PHOTOMETRY

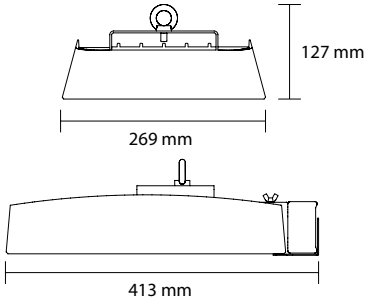
Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	4.0	4.1	475,8
5	5.0	5.1	304,5
6	6.0	6.1	211,5
8	8.1	8.2	118,9
10	10.1	10.2	76,1





NIKA 1MS HB

OPTIC TYPE **NORROW LENS**
BEAM ANGLE **50°**
USE TYPE **HIGH BAY**



CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MS HB 00	12	105	13320	5000	0,7	6,5	Lumileds Luxeon M	127	7016
NIK 1MS HB 01*	12	125	15984	5000	0,9	6,5	Lumileds Luxeon M	128	7016
NIK 1MS HB 02	16	135	17760	5000	0,7	6,5	Lumileds Luxeon M	132	7016
NIK 1MS HB 03	16	185	21120	5000	0,9	6,5	Lumileds Luxeon M	114	7016
NIK 1MS HB 04	16	200	24640	5000	1,04	6,5	Lumileds Luxeon M	123	7016

t = 50° C
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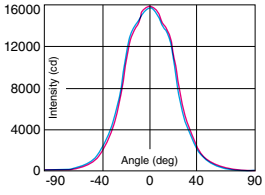
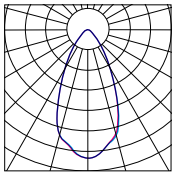
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

*PHOTOMETRY

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	3.6	3.6	984,0
5	4.5	4.5	629,7
6	5.4	5.4	437,3
8	7.3	7.3	246,0
10	9.1	9.1	157,4





OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

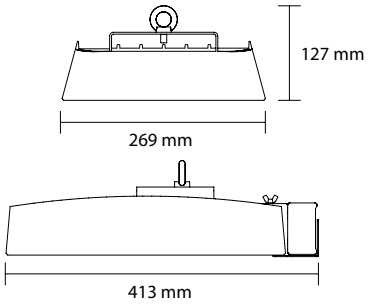
Roldlighting

NIKA

SUSPENSION

NIKA 1MS FN

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 130°**
USE TYPE **WAREHOUSE**



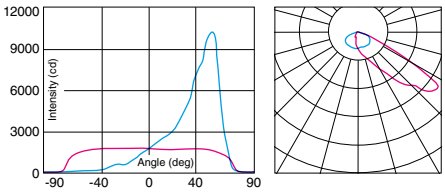
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MS FN 00	12	105	13320	5000	0,7	6,5	Lumileds Luxeon M	127	7016
NIK 1MS FN 01*	12	125	15984	5000	0,9	6,5	Lumileds Luxeon M	128	7016
NIK 1MS FN 02	16	135	17760	5000	0,7	6,5	Lumileds Luxeon M	132	7016
NIK 1MS FN 03	16	185	21120	5000	0,9	6,5	Lumileds Luxeon M	114	7016
NIK 1MS FN 04	16	200	24640	5000	1,04	6,5	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

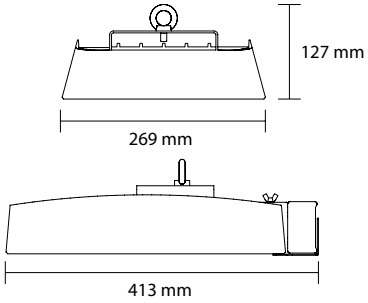
*PHOTOMETRY

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	12,0	21,6	109,3
5	15,0	27,0	70,0
6	18,0	32,4	48,6
8	24,0	43,2	27,3
10	30,0	54,0	17,5



NIKA 1MS FN2

OPTIC TYPE **ELLIPTIC LENS**
BEAM ANGLE **80° + 120°**
USE TYPE **WAREHOUSE**



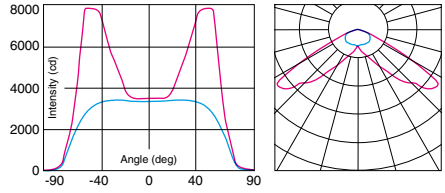
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MS FN2 00	12	105	13320	5000	0,7	6,5	Lumileds Luxeon M	127	7016
NIK 1MS FN2 01	12	125	15984	5000	0,9	6,5	Lumileds Luxeon M	128	7016
NIK 1MS FN2 02	16	135	17760	5000	0,7	6,5	Lumileds Luxeon M	132	7016
NIK 1MS FN2 03	16	185	21120	5000	0,9	6,5	Lumileds Luxeon M	114	7016
NIK 1MS FN2 04*	16	200	24640	5000	1,04	6,5	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

*PHOTOMETRY

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	20,6	17,5	214,4
5	25,8	21,9	137,2
6	31,0	26,3	95,3
8	41,3	35,1	53,6
10	51,6	43,9	34,3



OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

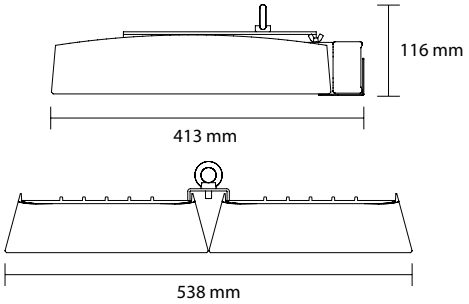
The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

SUSPENSION

NIKA 2MS RT

OPTIC TYPE **NO LENS**
BEAM ANGLE **120°**
USE TYPE **WAREHOUSE**



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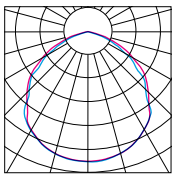
NIK 2MS RT 00	300	108	15600	5000	0,7	14	Osram Duris E5	144	7016
NIK 2MS RT 01	24	210	26640	5000	0,7	14	Lumileds Luxeon M	127	7016
NIK 2MS RT 02	24	250	31960	5000	0,9	14	Lumileds Luxeon M	128	7016
NIK 2MS RT 03	32	270	35520	5000	0,7	14	Lumileds Luxeon M	132	7016
NIK 2MS RT 04	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MS RT 05	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

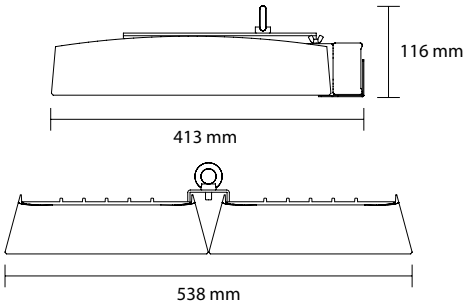
IK08 IP66 CE

PHOTOMETRY



NIKA 2MS CY

OPTIC TYPE **WIDE BEAM LENS**
BEAM ANGLE **115°**
USE TYPE **WAREHOUSE**



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NIK 2MS CY 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	127	7016
NIK 2MS CY 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	128	7016
NIK 2MS CY 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	132	7016
NIK 2MS CY 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MS CY 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

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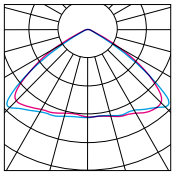
IK08 IP66 CE

PHOTOMETRY



OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

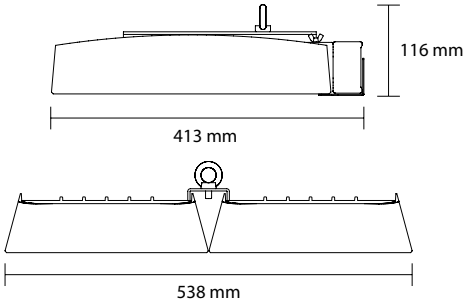
Roldlighting

NIKA

SUSPENSION

NIKA 2MS HC

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 150°**
USE TYPE **WAREHOUSE**



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NIK 2MS HC 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	127	7016
NIK 2MS HC 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	128	7016
NIK 2MS HC 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	132	7016
NIK 2MS HC 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
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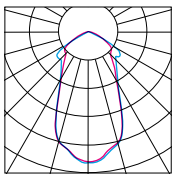
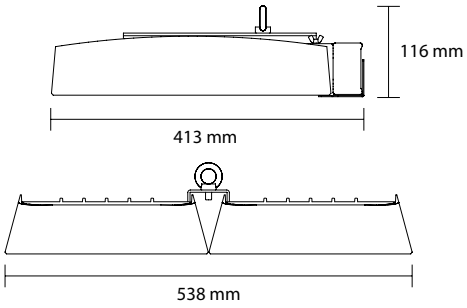
IK08 IP66 CE

PHOTOMETRY



NIKA 2MS HB

OPTIC TYPE **NORROW LENS**
BEAM ANGLE **50°**
USE TYPE **HIGH BAY**



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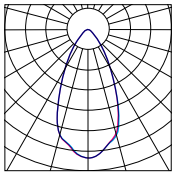
NIK 2MS HB 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	127	7016
NIK 2MS HB 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	128	7016
NIK 2MS HB 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	132	7016
NIK 2MS HB 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MS HB 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

PHOTOMETRY



OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

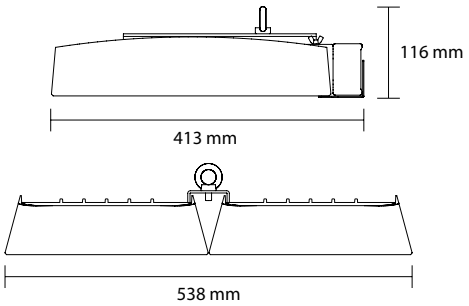
The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

SUSPENSION

NIKA 2MS FN

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 130°**
USE TYPE **WAREHOUSE**

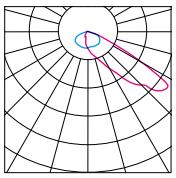


CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MS FN 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	127	7016
NIK 2MS FN 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	128	7016
NIK 2MS FN 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	132	7016
NIK 2MS FN 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MS FN 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

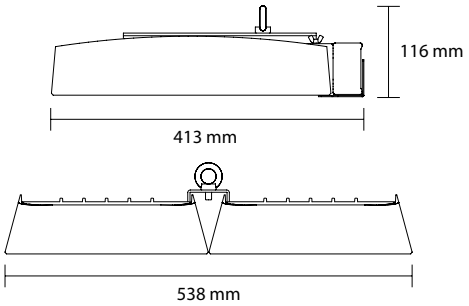
IK08 IP66 CE

PHOTOMETRY



NIKA 2MS FN2

OPTIC TYPE **ELLIPTIC LENS**
BEAM ANGLE **80° + 120°**
USE TYPE **WAREHOUSE**

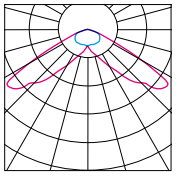


CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MS FN2 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	127	7016
NIK 2MS FN2 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	128	7016
NIK 2MS FN2 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	132	7016
NIK 2MS FN2 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MS FN2 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

PHOTOMETRY



OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

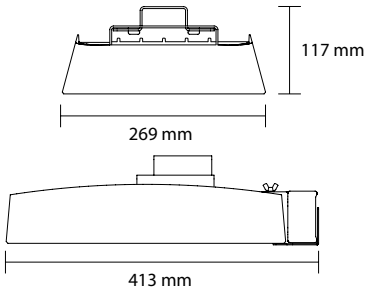
NIKA

CEILING

Roldlighting

NIKA 1MC RT

OPTIC TYPE **NO LENS**
BEAM ANGLE **120°**
USE TYPE **LOW BAY**



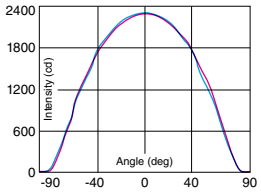
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MC RT 00*	150	54	7800	5000	0,7	6,8	Osram Duris E5	144	7016
NIK 1MC RT 01	12	105	13320	5000	0,7	6,8	Lumileds Luxeon M	127	7016
NIK 1MC RT 02	12	125	15984	5000	0,9	6,8	Lumileds Luxeon M	128	7016
NIK 1MC RT 03	16	135	17760	5000	0,7	6,8	Lumileds Luxeon M	132	7016
NIK 1MC RT 04	16	185	21120	5000	0,9	6,8	Lumileds Luxeon M	114	7016
NIK 1MC RT 05	16	200	24640	5000	1,04	6,8	Lumileds Luxeon M	123	7016

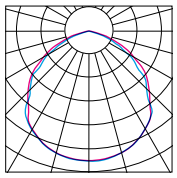
t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

***PHOTOMETRY**

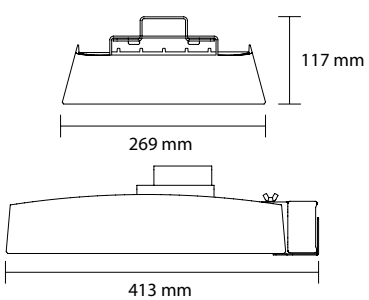
Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	11.7	12.3	143,4
5	14.6	15.4	91,8
6	17.5	18.4	63,7
8	23.4	24.6	35,8
10	29.3	30.7	22,9





NIKA 1MC CY

OPTIC TYPE **WIDE BEAM LENS**
BEAM ANGLE **115°**
USE TYPE **LOW BAY**



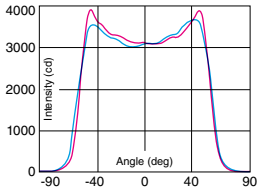
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MC CY 00	12	105	13320	5000	0,7	6,8	Lumileds Luxeon M	127	7016
NIK 1MC CY 01*	12	125	15984	5000	0,9	6,8	Lumileds Luxeon M	128	7016
NIK 1MC CY 02	16	135	17760	5000	0,7	6,8	Lumileds Luxeon M	132	7016
NIK 1MC CY 03	16	185	21120	5000	0,9	6,8	Lumileds Luxeon M	114	7016
NIK 1MC CY 04	16	200	24640	5000	1,04	6,8	Lumileds Luxeon M	123	7016

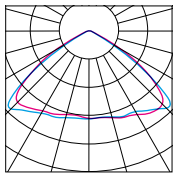
t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

***PHOTOMETRY**

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	13.00	12.5	193,4
5	16.2	15.6	123,8
6	19.5	18.8	85,9
8	26.0	25.1	48,3
10	32.5	31.3	30,9





OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

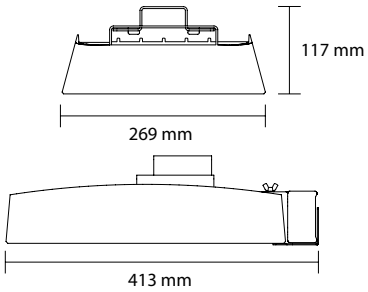
The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

CEILING

NIKA 1MC HC

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 150°**
USE TYPE **WAREHOUSE**



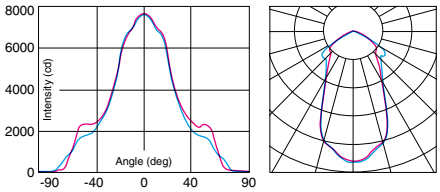
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MC HC 00*	12	105	13320	5000	0,7	6,8	Lumileds Luxeon M	127	7016
NIK 1MC HC 01	12	125	15984	5000	0,9	6,8	Lumileds Luxeon M	128	7016
NIK 1MC HC 02	16	135	17760	5000	0,7	6,8	Lumileds Luxeon M	132	7016
NIK 1MC HC 03	16	185	21120	5000	0,9	6,8	Lumileds Luxeon M	114	7016
NIK 1MC HC 04	16	200	24640	5000	1,04	6,8	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

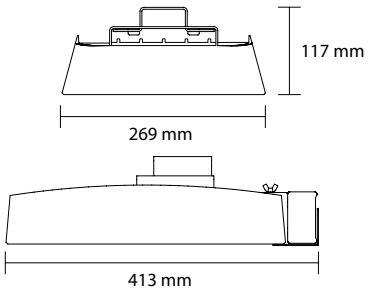
***PHOTOMETRY**

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	4,0	4,1	475,8
5	5,0	5,1	304,5
6	6,0	6,1	211,5
8	8,1	8,2	118,9
10	10,1	10,2	76,1



NIKA 1MC HB

OPTIC TYPE **NORROW LENS**
BEAM ANGLE **50°**
USE TYPE **HIGH BAY**



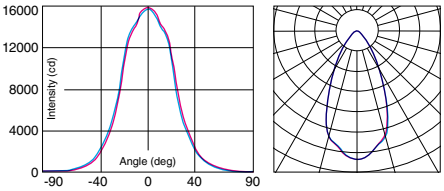
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MC HB 00	12	105	13320	5000	0,7	6,8	Lumileds Luxeon M	127	7016
NIK 1MC HB 01*	12	125	15984	5000	0,9	6,8	Lumileds Luxeon M	128	7016
NIK 1MC HB 02	16	135	17760	5000	0,7	6,8	Lumileds Luxeon M	132	7016
NIK 1MC HB 03	16	185	21120	5000	0,9	6,8	Lumileds Luxeon M	114	7016
NIK 1MC HB 04	16	200	24640	5000	1,04	6,8	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

***PHOTOMETRY**

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	3,6	3,6	984,0
5	4,5	4,5	629,7
6	5,4	5,4	437,3
8	7,3	7,3	246,0
10	9,1	9,1	157,4



OPTIONAL COLOUR

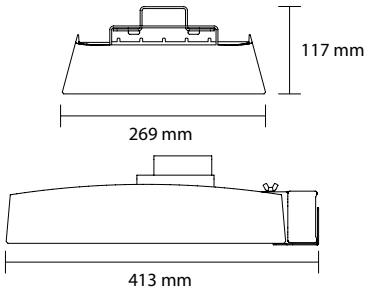
WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

NIKA 1MC FN

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 130°**
USE TYPE **WAREHOUSE**



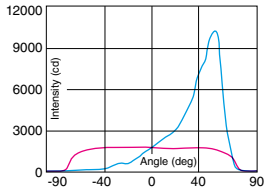
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MC FN 00	12	105	13320	5000	0,7	6,8	Lumileds Luxeon M	127	7016
NIK 1MC FN 01*	12	125	15984	5000	0,9	6,8	Lumileds Luxeon M	128	7016
NIK 1MC FN 02	16	135	17760	5000	0,7	6,8	Lumileds Luxeon M	132	7016
NIK 1MC FN 03	16	185	21120	5000	0,9	6,8	Lumileds Luxeon M	114	7016
NIK 1MC FN 04	16	200	24640	5000	1,04	6,8	Lumileds Luxeon M	123	7016

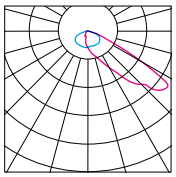
t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

***PHOTOMETRY**

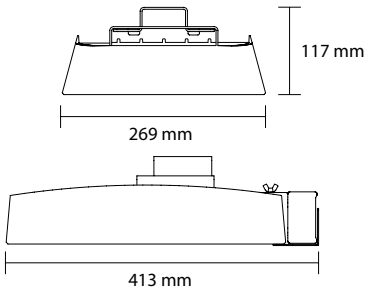
Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	12,0	21,6	109,3
5	15,0	27,0	70,0
6	18,0	32,4	48,6
8	24,0	43,2	27,3
10	30,0	54,0	17,5





NIKA 1MC FN2

OPTIC TYPE **ELLIPTIC LENS**
BEAM ANGLE **80° + 120°**
USE TYPE **WAREHOUSE**



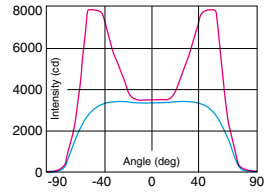
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MC FN2 00	12	105	13320	5000	0,7	6,8	Lumileds Luxeon M	127	7016
NIK 1MC FN2 01	12	125	15984	5000	0,9	6,8	Lumileds Luxeon M	128	7016
NIK 1MC FN2 02	16	135	17760	5000	0,7	6,8	Lumileds Luxeon M	132	7016
NIK 1MC FN2 03	16	185	21120	5000	0,9	6,8	Lumileds Luxeon M	114	7016
NIK 1MC FN2 04*	16	200	24640	5000	1,04	6,8	Lumileds Luxeon M	123	7016

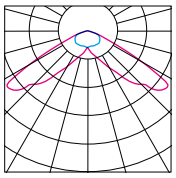
t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

***PHOTOMETRY**

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	20,6	17,5	214,4
5	25,8	21,9	137,2
6	31,0	26,3	95,3
8	41,3	35,1	53,6
10	51,6	43,9	34,3





OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

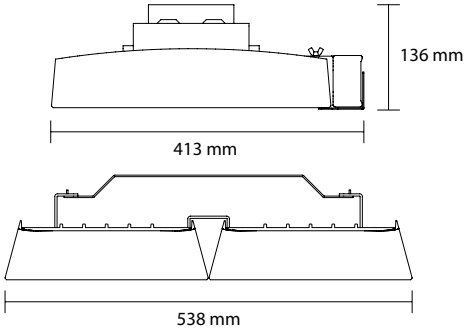
Roldlighting

NIKA

CEILING

NIKA 2MC RT

OPTIC TYPE **NO LENS**
BEAM ANGLE **120°**
USE TYPE **WAREHOUSE**

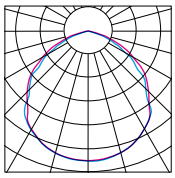


CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MC RT 00	300	108	15600	5000	0,7	14	Osram Duris E5	144	7016
NIK 2MC RT 01	24	210	26640	5000	0,7	14	Lumileds Luxeon M	127	7016
NIK 2MC RT 02	24	250	31960	5000	0,9	14	Lumileds Luxeon M	128	7016
NIK 2MC RT 03	32	270	35520	5000	0,7	14	Lumileds Luxeon M	132	7016
NIK 2MC RT 04	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MC RT 05	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

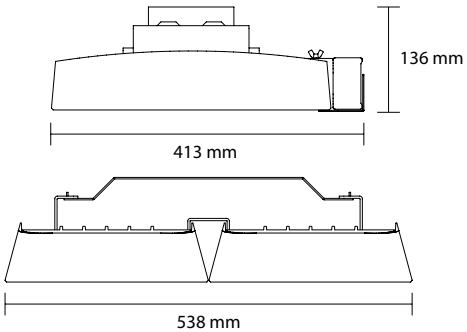
IK08 IP66 CE

PHOTOMETRY



NIKA 2MC CY

OPTIC TYPE **WIDE BEAM LENS**
BEAM ANGLE **115°**
USE TYPE **WAREHOUSE**

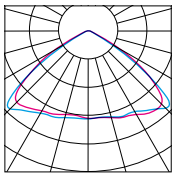


CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MC CY 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	127	7016
NIK 2MC CY 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	128	7016
NIK 2MC CY 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	132	7016
NIK 2MC CY 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MC CY 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

PHOTOMETRY



OPTIONAL COLOUR

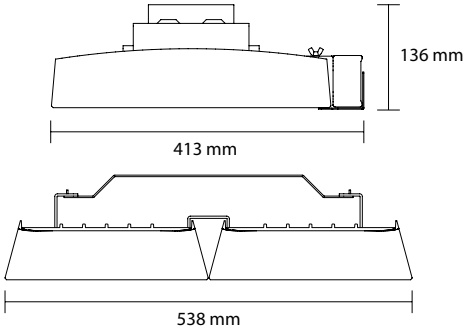
WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

NIKA 2MC HC

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 150°**
USE TYPE **WAREHOUSE**

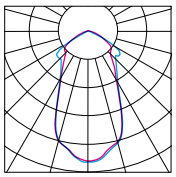


CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MC HC 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	127	7016
NIK 2MC HC 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	128	7016
NIK 2MC HC 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	132	7016
NIK 2MC HC 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MC HC 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

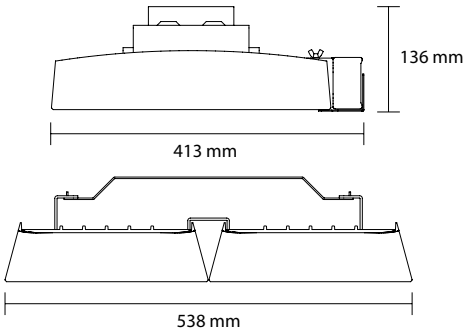
IK08 IP66 CE

PHOTOMETRY



NIKA 2MC HB

OPTIC TYPE **NORROW LENS**
BEAM ANGLE **50°**
USE TYPE **HIGH BAY**

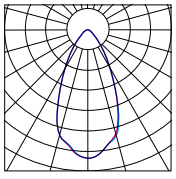


CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MC HB 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	127	7016
NIK 2MC HB 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	128	7016
NIK 2MC HB 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	132	7016
NIK 2MC HB 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MC HB 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

PHOTOMETRY



OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

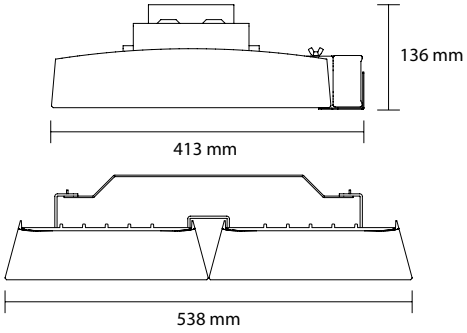
Roldlighting

NIKA

CEILING

NIKA 2MC FN

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 130°**
USE TYPE **WAREHOUSE**

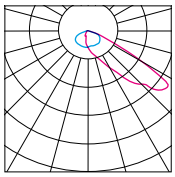


CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MC FN 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	127	7016
NIK 2MC FN 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	128	7016
NIK 2MC FN 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	132	7016
NIK 2MC FN 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MC FN 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

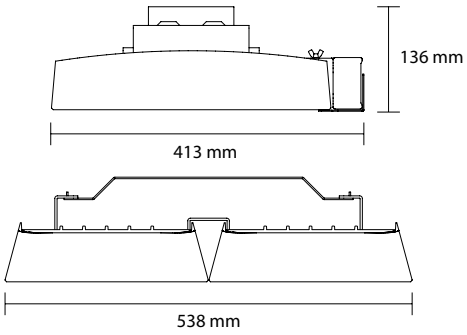
IK08 IP66 CE

PHOTOMETRY



NIKA 2MC FN2

OPTIC TYPE **ELLIPTIC LENS**
BEAM ANGLE **80° + 120°**
USE TYPE **WAREHOUSE**

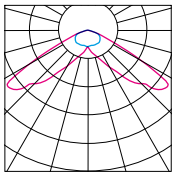


CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MC FN2 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	127	7016
NIK 2MC FN2 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	128	7016
NIK 2MC FN2 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	132	7016
NIK 2MC FN2 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MC FN2 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

PHOTOMETRY



OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

NIKA

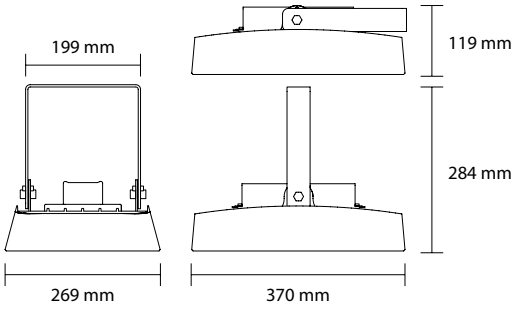
FLOODLIGHT

Roldlighting

FLOODLIGHT

NIKA 1MM RT

OPTIC TYPE **NO LENS**
BEAM ANGLE **120°**



CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MM RT 00*	150	54	7800	5000	0,7	6,5	Osram Duris E5	144	7016
NIK 1MM RT 01	12	105	13320	5000	0,7	6,5	Lumileds Luxeon M	127	7016
NIK 1MM RT 02	12	125	15984	5000	0,9	6,5	Lumileds Luxeon M	128	7016
NIK 1MM RT 03	16	135	17760	5000	0,7	6,5	Lumileds Luxeon M	132	7016
NIK 1MM RT 04	16	185	21120	5000	0,9	6,5	Lumileds Luxeon M	114	7016
NIK 1MM RT 05	16	200	24640	5000	1,04	6,5	Lumileds Luxeon M	123	7016

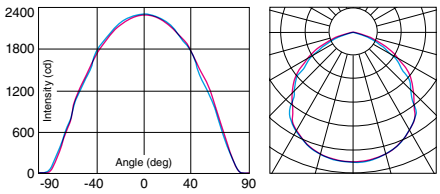
t= 50° C
IEE = A++ / A
EN 60598-1:2015
EN 60598-2-5:1998

DIN 18032-3
EN 13964 annex D

IK08 IP66 CE

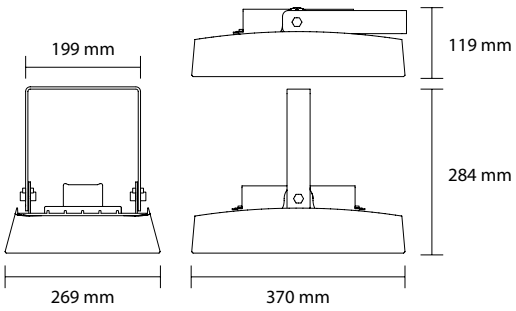
*PHOTOMETRY

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	11,7	12.3	143,4
5	14,6	15,4	91,8
6	17,5	18.4	63,7
8	23,4	24,6	35,8
10	29,3	30,7	22,9



NIKA 1MM CY

OPTIC TYPE **WIDE BEAM LENS**
BEAM ANGLE **115°**



CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MM CY 00	12	105	13320	5000	0,7	6,5	Lumileds Luxeon M	127	7016
NIK 1MM CY 01*	12	125	15984	5000	0,9	6,5	Lumileds Luxeon M	128	7016
NIK 1MM CY 02	16	135	17760	5000	0,7	6,5	Lumileds Luxeon M	132	7016
NIK 1MM CY 03	16	185	21120	5000	0,9	6,5	Lumileds Luxeon M	114	7016
NIK 1MM CY 04	16	200	24640	5000	1,04	6,5	Lumileds Luxeon M	123	7016

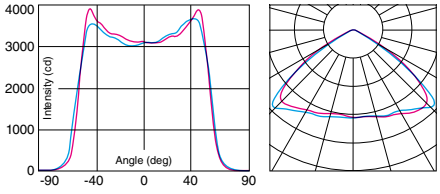
t= 50° C
IEE = A++ / A
EN 60598-1:2015
EN 60598-2-5:1998

DIN 18032-3
EN 13964 annex D

IK08 IP66 CE

*PHOTOMETRY

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	13.00	12.5	193,4
5	16,2	15,6	123,8
6	19,5	18,8	85,9
8	26,0	25,1	48,3
10	32,5	31,3	30,9



OPTIONAL COLOUR

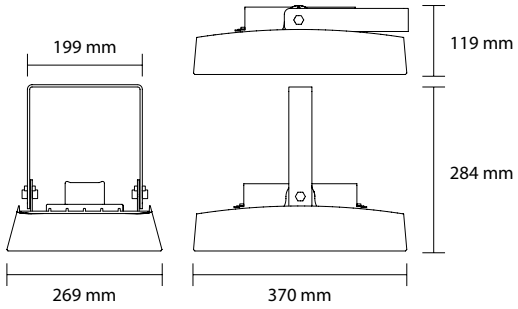
WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

NIKA 1MM HC

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 150°**



CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MM HC 00*	12	105	13320	5000	0,7	6,5	Lumileds Luxeon M	127	7016
NIK 1MM HC 01	12	125	15984	5000	0,9	6,5	Lumileds Luxeon M	128	7016
NIK 1MM HC 02	16	135	17760	5000	0,7	6,5	Lumileds Luxeon M	132	7016
NIK 1MM HC 03	16	185	21120	5000	0,9	6,5	Lumileds Luxeon M	114	7016
NIK 1MM HC 04	16	200	24640	5000	1,04	6,5	Lumileds Luxeon M	123	7016

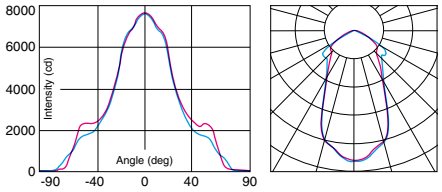
t= 50° C
IEE = A++ / A
EN 60598-1:2015
EN 60598-2-5:1998

DIN 18032-3
EN 13964 annex D

IK08 IP66 CE

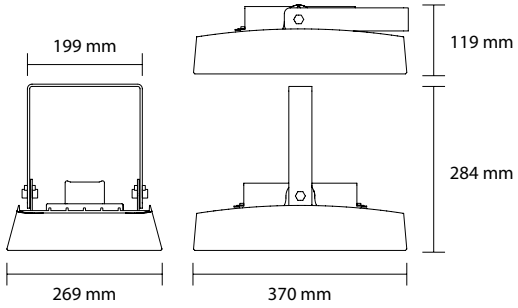
*PHOTOMETRY

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	4.0	4.1	475,8
5	5.0	5.1	304,5
6	6.0	6.1	211,5
8	8.1	8.2	118,9
10	10.1	10.2	76,1



NIKA 1MM HB

OPTIC TYPE **NORROW LENS**
BEAM ANGLE **50°**



CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MM HB 00	12	105	13320	5000	0,7	6,5	Lumileds Luxeon M	127	7016
NIK 1MM HB 01*	12	125	15984	5000	0,9	6,5	Lumileds Luxeon M	128	7016
NIK 1MM HB 02	16	135	17760	5000	0,7	6,5	Lumileds Luxeon M	132	7016
NIK 1MM HB 03	16	185	21120	5000	0,9	6,5	Lumileds Luxeon M	114	7016
NIK 1MM HB 04	16	200	24640	5000	1,04	6,5	Lumileds Luxeon M	123	7016

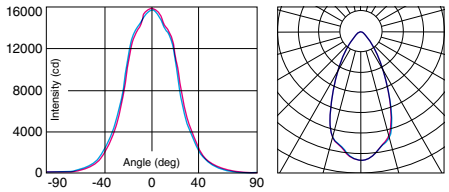
t= 50° C
IEE = A++ / A
EN 60598-1:2015
EN 60598-2-5:1998

DIN 18032-3
EN 13964 annex D

IK08 IP66 CE

*PHOTOMETRY

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	3.6	3.6	984,0
5	4.5	4.5	629,7
6	5.4	5.4	437,3
8	7.3	7.3	246,0
10	9.1	9.1	157,4



OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

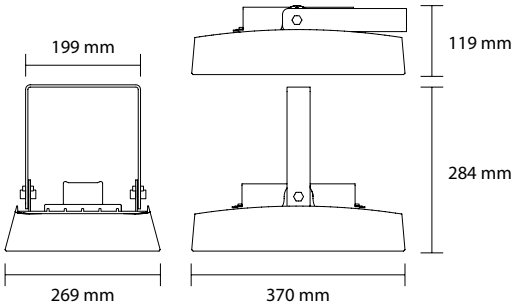
The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

FLOODLIGHT

NIKA 1MM FN

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 130°**



CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MM FN 00	12	105	13320	5000	0,7	6,5	Lumileds Luxeon M	127	7016
NIK 1MM FN 01*	12	125	15984	5000	0,9	6,5	Lumileds Luxeon M	128	7016
NIK 1MM FN 02	16	135	17760	5000	0,7	6,5	Lumileds Luxeon M	132	7016
NIK 1MM FN 03	16	185	21120	5000	0,9	6,5	Lumileds Luxeon M	114	7016
NIK 1MM FN 04	16	200	24640	5000	1,04	6,5	Lumileds Luxeon M	123	7016

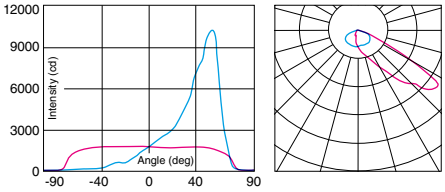
t= 50° C
IEE = A++ / A
EN 60598-1:2015
EN 60598-2-5:1998

DIN 18032-3
EN 13964 annex D

IK08 IP66 CE

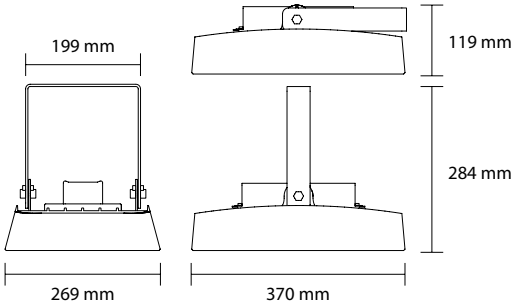
*PHOTOMETRY

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	12,0	21,6	109,3
5	15,0	27,0	70,0
6	18,0	32,4	48,6
8	24,0	43,2	27,3
10	30,0	54,0	17,5



NIKA 1MM FN2

OPTIC TYPE **ELLIPTIC LENS**
BEAM ANGLE **80° + 120°**



CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MM FN2 00	12	105	13320	5000	0,7	6,5	Lumileds Luxeon M	127	7016
NIK 1MM FN2 01	12	125	15984	5000	0,9	6,5	Lumileds Luxeon M	128	7016
NIK 1MM FN2 02	16	135	17760	5000	0,7	6,5	Lumileds Luxeon M	132	7016
NIK 1MM FN2 03	16	185	21120	5000	0,9	6,5	Lumileds Luxeon M	114	7016
NIK 1MM FN2 04*	16	200	24640	5000	1,04	6,5	Lumileds Luxeon M	123	7016

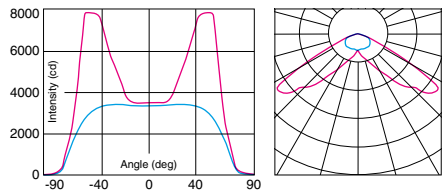
t= 50° C
IEE = A++ / A
EN 60598-1:2015
EN 60598-2-5:1998

DIN 18032-3
EN 13964 annex D

IK08 IP66 CE

*PHOTOMETRY

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	20,6	17,5	214,4
5	25,8	21,9	137,2
6	31,0	26,3	95,3
8	41,3	35,1	53,6
10	51,6	43,9	34,3



OPTIONAL COLOUR

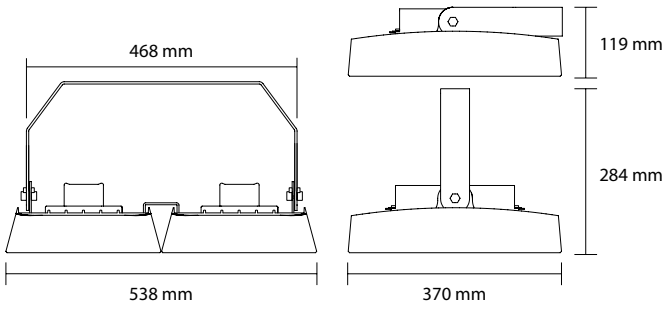
WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

NIKA 2MM RT

OPTIC TYPE **NO LENS**
BEAM ANGLE **120°**



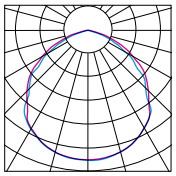
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MM RT 00	300	108	15600	5000	0,7	14	Osram Duris E5	144	7016
NIK 2MM RT 01	24	210	26640	5000	0,7	14	Lumileds Luxeon M	126	7016
NIK 2MM RT 02	24	250	31960	5000	0,9	14	Lumileds Luxeon M	127	7016
NIK 2MM RT 03	32	270	35520	5000	0,7	14	Lumileds Luxeon M	131	7016
NIK 2MM RT 04	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MM RT 05	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t= 50° C
IEE = A++ / A
EN 60598-1:2015
EN 60598-2-5:1998

DIN 18032-3
EN 13964 annex D

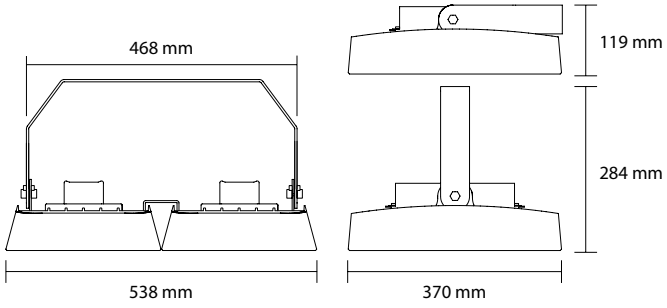
m² 0,094 IK08 IP66 CE

PHOTOMETRY



NIKA 2MM CY

OPTIC TYPE **WIDE BEAM LENS**
BEAM ANGLE **115°**



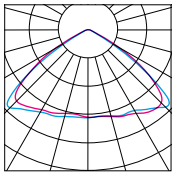
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MM CY 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	126	7016
NIK 2MM CY 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	127	7016
NIK 2MM CY 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	131	7016
NIK 2MM CY 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MM CY 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t= 50° C
IEE = A++ / A
EN 60598-1:2015
EN 60598-2-5:1998

DIN 18032-3
EN 13964 annex D

m² 0,094 IK08 IP66 CE

PHOTOMETRY



OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

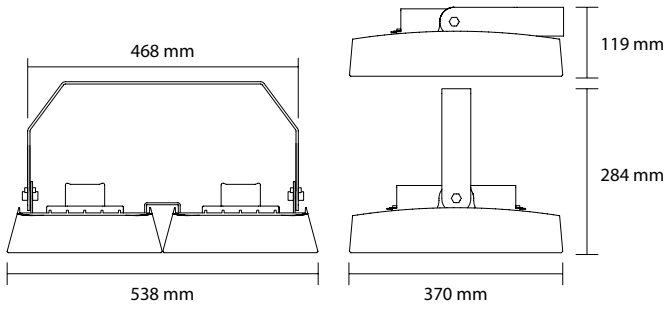
Roldlighting

NIKA

FLOODLIGHT

NIKA 2MM HC

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 150°**



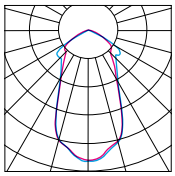
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MM HC 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	126	7016
NIK 2MM HC 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	127	7016
NIK 2MM HC 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	131	7016
NIK 2MM HC 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MM HC 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t= 50° C
IEE = A++ / A
EN 60598-1:2015
EN 60598-2-5:1998

DIN 18032-3
EN 13964 annex D

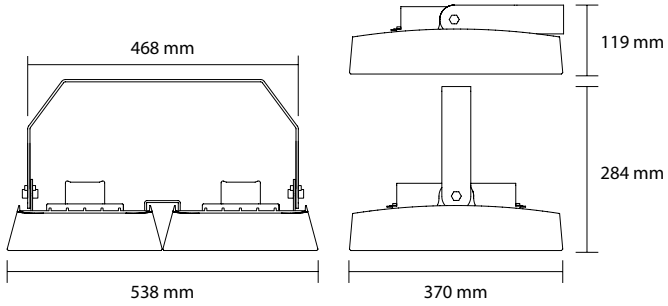
m² 0,094 IK08 IP66 CE

PHOTOMETRY



NIKA 2MM HB

OPTIC TYPE **NORROW LENS**
BEAM ANGLE **50°**



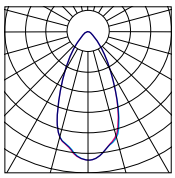
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MM HB 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	126	7016
NIK 2MM HB 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	127	7016
NIK 2MM HB 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	131	7016
NIK 2MM HB 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MM HB 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t= 50° C
IEE = A++ / A
EN 60598-1:2015
EN 60598-2-5:1998

DIN 18032-3
EN 13964 annex D

m² 0,094 IK08 IP66 CE

PHOTOMETRY



OPTIONAL COLOUR

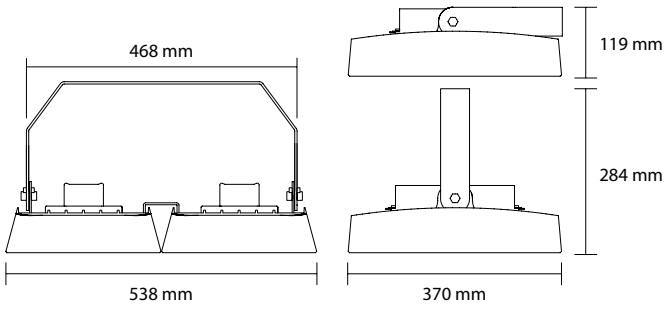
WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

NIKA 2MM FN

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 130°**



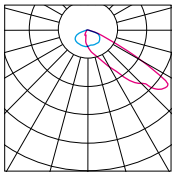
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MM FN 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	126	7016
NIK 2MM FN 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	127	7016
NIK 2MM FN 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	131	7016
NIK 2MM FN 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MM FN 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t= 50° C
IEE = A++ / A
EN 60598-1:2015
EN 60598-2-5:1998

DIN 18032-3
EN 13964 annex D

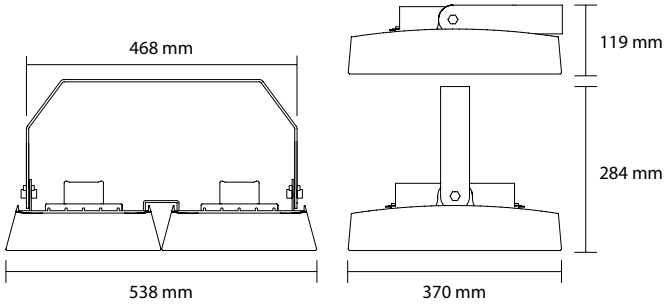
m² 0,094 IK08 IP66 CE

PHOTOMETRY



NIKA 2MM FN2

OPTIC TYPE **ELLIPTIC LENS**
BEAM ANGLE **80° + 120°**



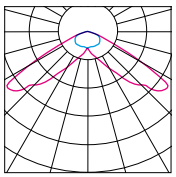
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 2MM FN2 00	24	210	26640	5000	0,7	14	Lumileds Luxeon M	126	7016
NIK 2MM FN2 01	24	250	31960	5000	0,9	14	Lumileds Luxeon M	127	7016
NIK 2MM FN2 02	32	270	35520	5000	0,7	14	Lumileds Luxeon M	131	7016
NIK 2MM FN2 03	32	370	42240	5000	0,9	14	Lumileds Luxeon M	114	7016
NIK 2MM FN2 04	32	400	49280	5000	1,04	14	Lumileds Luxeon M	123	7016

t= 50° C
IEE = A++ / A
EN 60598-1:2015
EN 60598-2-5:1998

DIN 18032-3
EN 13964 annex D

m² 0,094 IK08 IP66 CE

PHOTOMETRY



OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

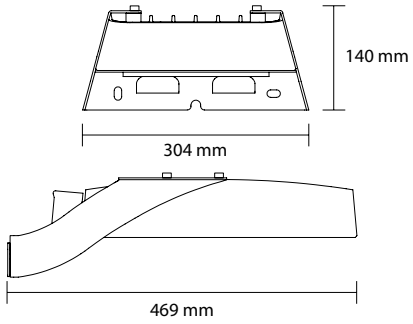
NIKA

WALL

Roldlighting

NIKA 1MW RT

OPTIC TYPE **NO LENS**
BEAM ANGLE **120°**
USE TYPE **ARCHITECTURAL LIGHTING**



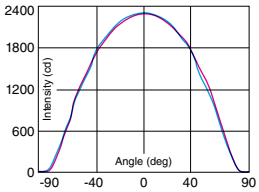
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MW RT 00*	150	54	7800	5000	0,7	7	Osram Duris E5	144	7016
NIK 1MW RT 01	12	105	13560	5000	0,7	7	Lumileds Luxeon M	129	7016
NIK 1MW RT 02	12	125	13560	5000	0,9	7	Lumileds Luxeon M	108	7016
NIK 1MW RT 03	16	135	18080	5000	0,7	7	Lumileds Luxeon M	134	7016
NIK 1MW RT 04	16	185	21120	5000	0,9	7	Lumileds Luxeon M	114	7016
NIK 1MW RT 05	16	200	24640	5000	1,04	7	Lumileds Luxeon M	123	7016

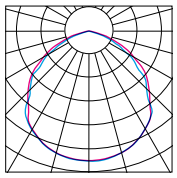
t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

***PHOTOMETRY**

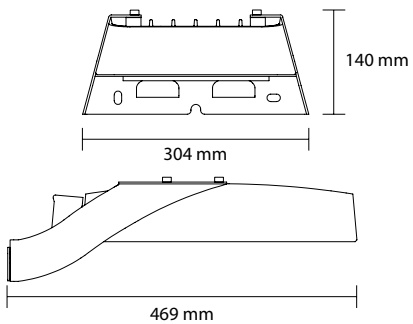
Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	11.7	12.3	143,4
5	14.6	15.4	91,8
6	17.5	18.4	63,7
8	23.4	24.6	35,8
10	29.3	30.7	22,9





NIKA 1MW CY

OPTIC TYPE **WIDE BEAM LENS**
BEAM ANGLE **115°**
USE TYPE **ARCHITECTURAL LIGHTING**



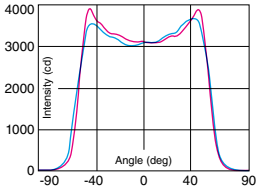
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MW CY 00	12	105	13560	5000	0,7	7	Lumileds Luxeon M	129	7016
NIK 1MW CY 01*	12	125	13560	5000	0,9	7	Lumileds Luxeon M	108	7016
NIK 1MW CY 02	16	135	18080	5000	0,7	7	Lumileds Luxeon M	134	7016
NIK 1MW CY 03	16	185	21120	5000	0,9	7	Lumileds Luxeon M	114	7016
NIK 1MW CY 04	16	200	24640	5000	1,04	7	Lumileds Luxeon M	123	7016

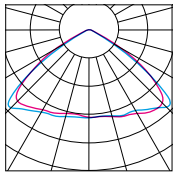
t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

***PHOTOMETRY**

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	13.00	12.5	193,4
5	16.2	15.6	123,8
6	19.5	18.8	85,9
8	26.0	25.1	48,3
10	32.5	31.3	30,9





OPTIONAL COLOUR

WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

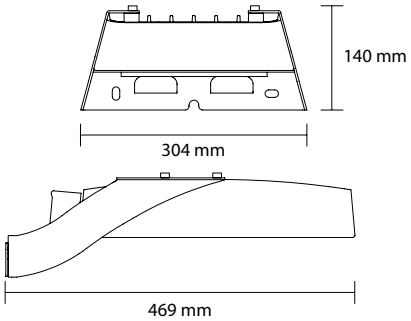
The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

WALL

NIKA 1MW HC

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 150°**
USE TYPE **ARCHITECTURAL LIGHTING**



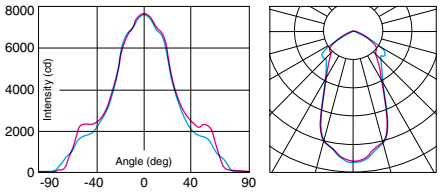
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MW HC 00*	12	105	13560	5000	0,7	7	Lumileds Luxeon M	129	7016
NIK 1MW HC 01	12	125	13560	5000	0,9	7	Lumileds Luxeon M	108	7016
NIK 1MW HC 02	16	135	18080	5000	0,7	7	Lumileds Luxeon M	134	7016
NIK 1MW HC 03	16	185	21120	5000	0,9	7	Lumileds Luxeon M	114	7016
NIK 1MW HC 04	16	200	24640	5000	1,04	7	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

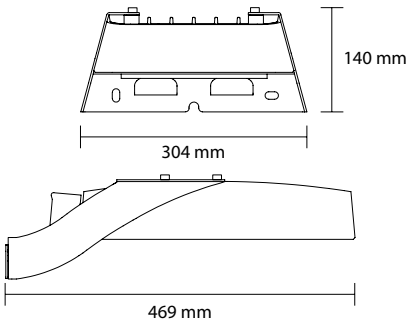
***PHOTOMETRY**

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	4,0	4,1	475,8
5	5,0	5,1	304,5
6	6,0	6,1	211,5
8	8,1	8,2	118,9
10	10,1	10,2	76,1



NIKA 1MW HB

OPTIC TYPE **NORROW LENS**
BEAM ANGLE **50°**
USE TYPE **ARCHITECTURAL LIGHTING**



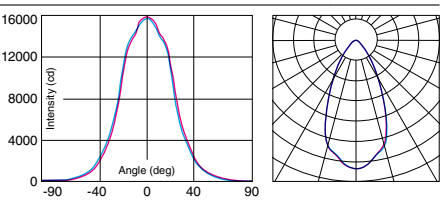
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MW HB 00	12	105	13560	5000	0,7	7	Lumileds Luxeon M	129	7016
NIK 1MW HB 01*	12	125	13560	5000	0,9	7	Lumileds Luxeon M	108	7016
NIK 1MW HB 02	16	135	18080	5000	0,7	7	Lumileds Luxeon M	134	7016
NIK 1MW HB 03	16	185	21120	5000	0,9	7	Lumileds Luxeon M	114	7016
NIK 1MW HB 04	16	200	24640	5000	1,04	7	Lumileds Luxeon M	123	7016

t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

***PHOTOMETRY**

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	3,6	3,6	984,0
5	4,5	4,5	629,7
6	5,4	5,4	437,3
8	7,3	7,3	246,0
10	9,1	9,1	157,4



OPTIONAL COLOUR

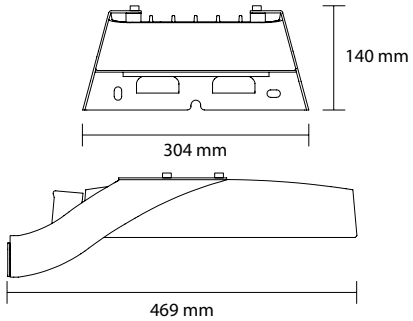
WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

Roldlighting

NIKA 1MW FN

OPTIC TYPE **ASYMMETRIC LENS**
BEAM ANGLE **60° + 130°**
USE TYPE **ARCHITECTURAL LIGHTING**



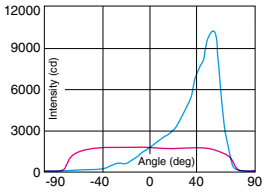
CODE	NUMBER OF LED	POWER W	FLUX Lm Tc = 25°C	COLOUR K	ELECTRICAL CURRENT mA	NET WEIGHT Kg	LED SOURCE	LIGHT EFFICIENCY lm/w	COLOUR RAL
NIK 1MW FN 00	12	105	13560	5000	0,7	7	Lumileds Luxeon M	129	7016
NIK 1MW FN 01*	12	125	13560	5000	0,9	7	Lumileds Luxeon M	108	7016
NIK 1MW FN 02	16	135	18080	5000	0,7	7	Lumileds Luxeon M	134	7016
NIK 1MW FN 03	16	185	21120	5000	0,9	7	Lumileds Luxeon M	114	7016
NIK 1MW FN 04	16	200	18080	5000	0,7	7	Lumileds Luxeon M	134	7016

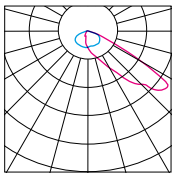
t = 50° C
IEE = A++ / A
EN 60598-1:2008 + A11:2009
EN 60598-2-1:1989

IK08 IP66 CE

***PHOTOMETRY**

Mounting Height (m)	Beam Cone Width (m)	Orthogonal Beam Cone Width (m)	Projected Illuminance (lux)
4	12,0	21,6	109,3
5	15,0	27,0	70,0
6	18,0	32,4	48,6
8	24,0	43,2	27,3
10	30,0	54,0	17,5





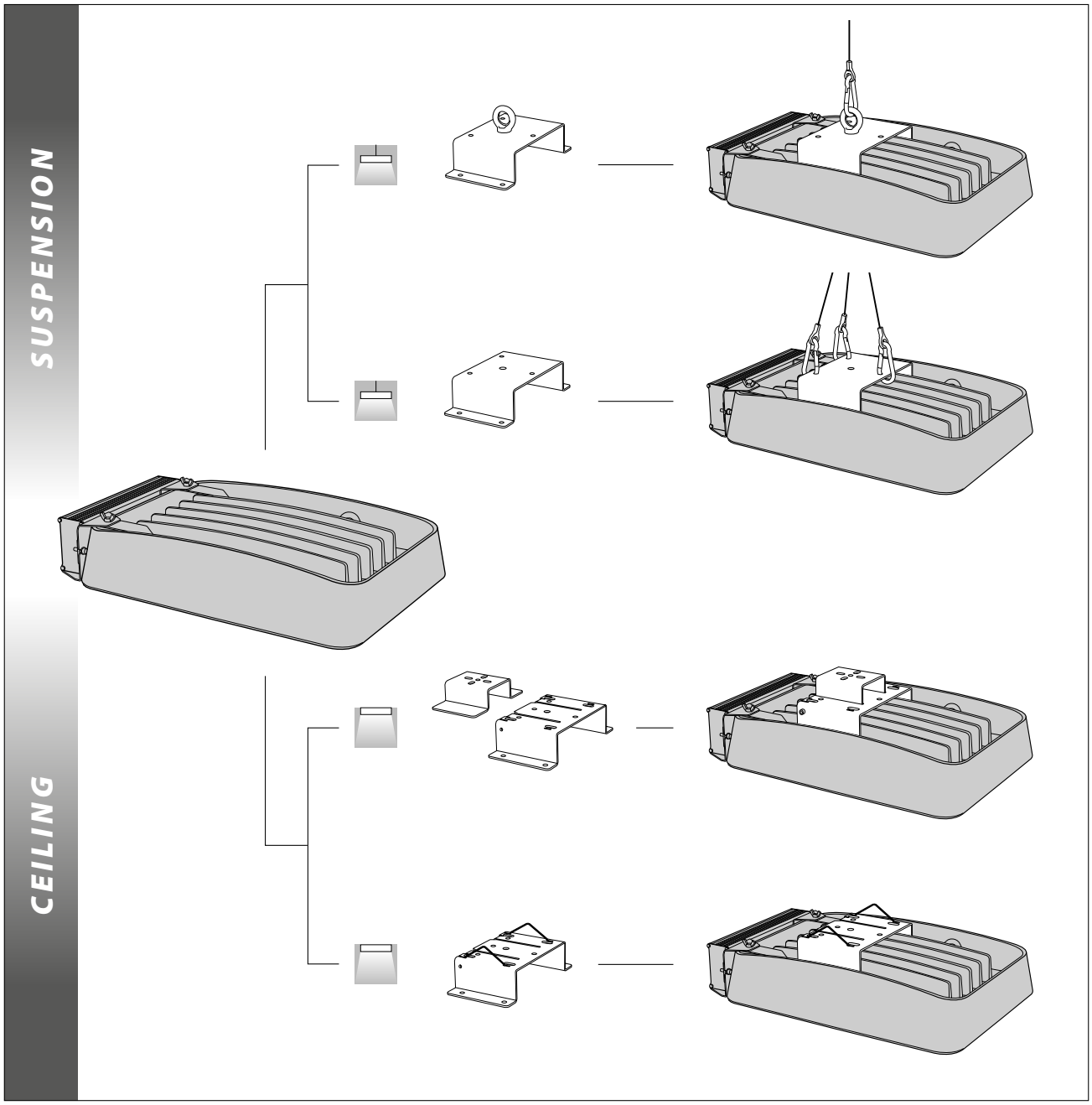
OPTIONAL COLOUR

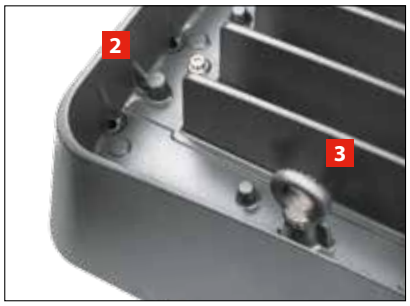
WHITE RAL 9003 | SAND RAL 7032 | BLACK RAL 9005 | SILVER RAL 7001 | GOLD RAL 1004

The measured luminous flux of the lamp will be 10/15% lower of the Led typical one

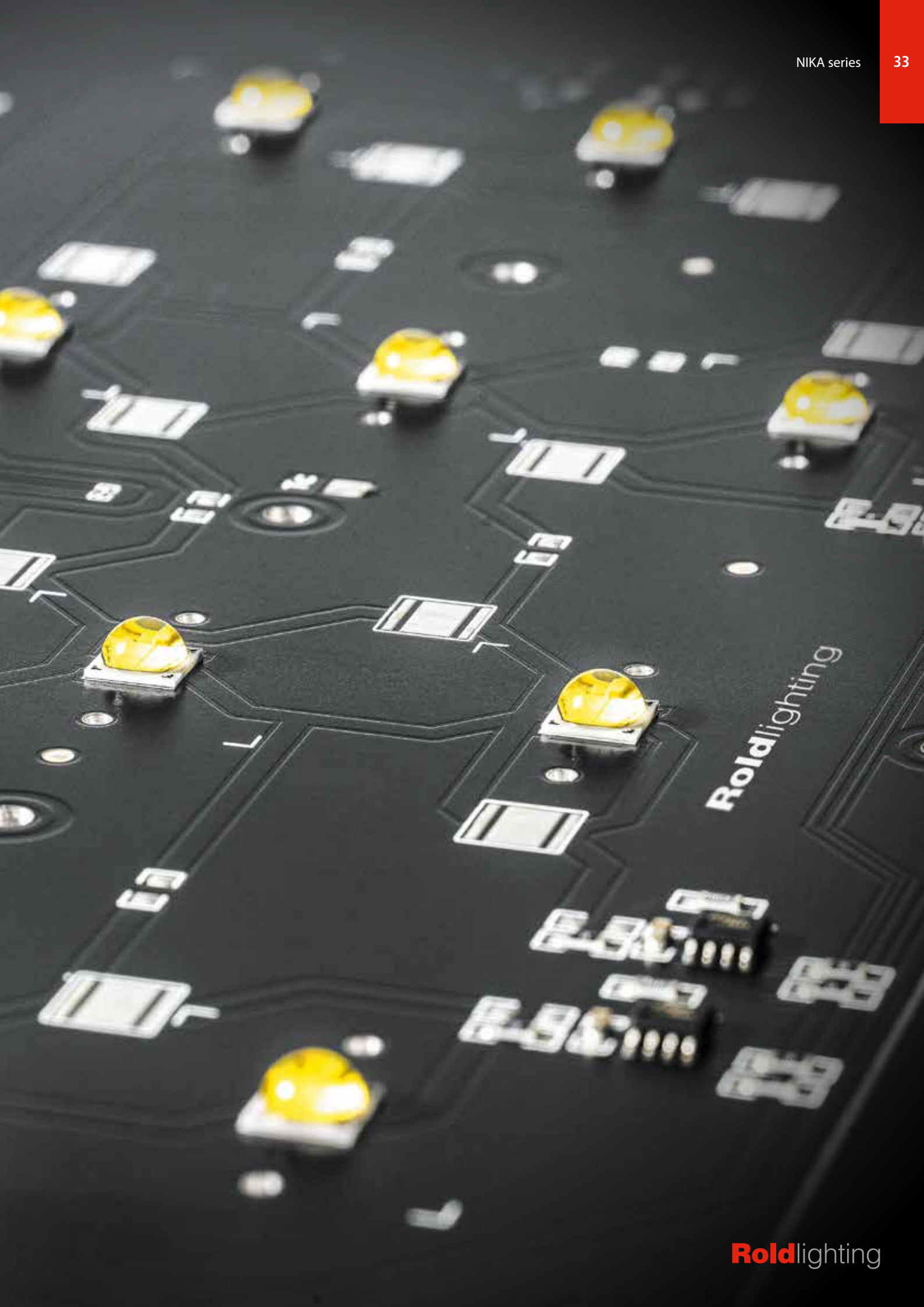
Roldlighting

Installation Systems





1 Anticondensation valve.
2 Draining holes.
3 Safety eyebolt.


Roldlighting

Mark of compliance with European standards for lighting equipments and components.

Product in class III very low voltage.

I.M.Q. approval for wired fixture. All fixtures comply with CEI Italian safety standards corresponding to EN60598 European standards.

Compliance with essential security requirements provided by one more Community Directives.

Product in class I, require grounding.

Product in class II, double insulation.

Surface exposed to the wind.

Hole dimension for installation.

Fixtures installed on surfaces normally-fiammable.

Ball Impact Safety.

IK Degree of protection provided by enclosures for electrical equipment against external mechanical impacts as per the EN62262 Stardard.

IK01	Impact energy in Joule 0,15.
IK02	Impact energy in Joule 0,2.
IK03	Impact energy in Joule 0,35.
IK04	Impact energy in Joule 0,5.
IK05	Impact energy in Joule 0,7.
IK06	Impact energy in Joule 1.
IK07	Impact energy in Joule 2.
IK08	Impact energy in Joule 5.
IK09	Impact energy in Joule 10.
IK10	Impact energy in Joule 20.

IP International Protection: The IP prefix followed by two figures indicates the level of resistance of the fixture to penetration by solids and liquids. Protection rating (published in EN60529) parts.

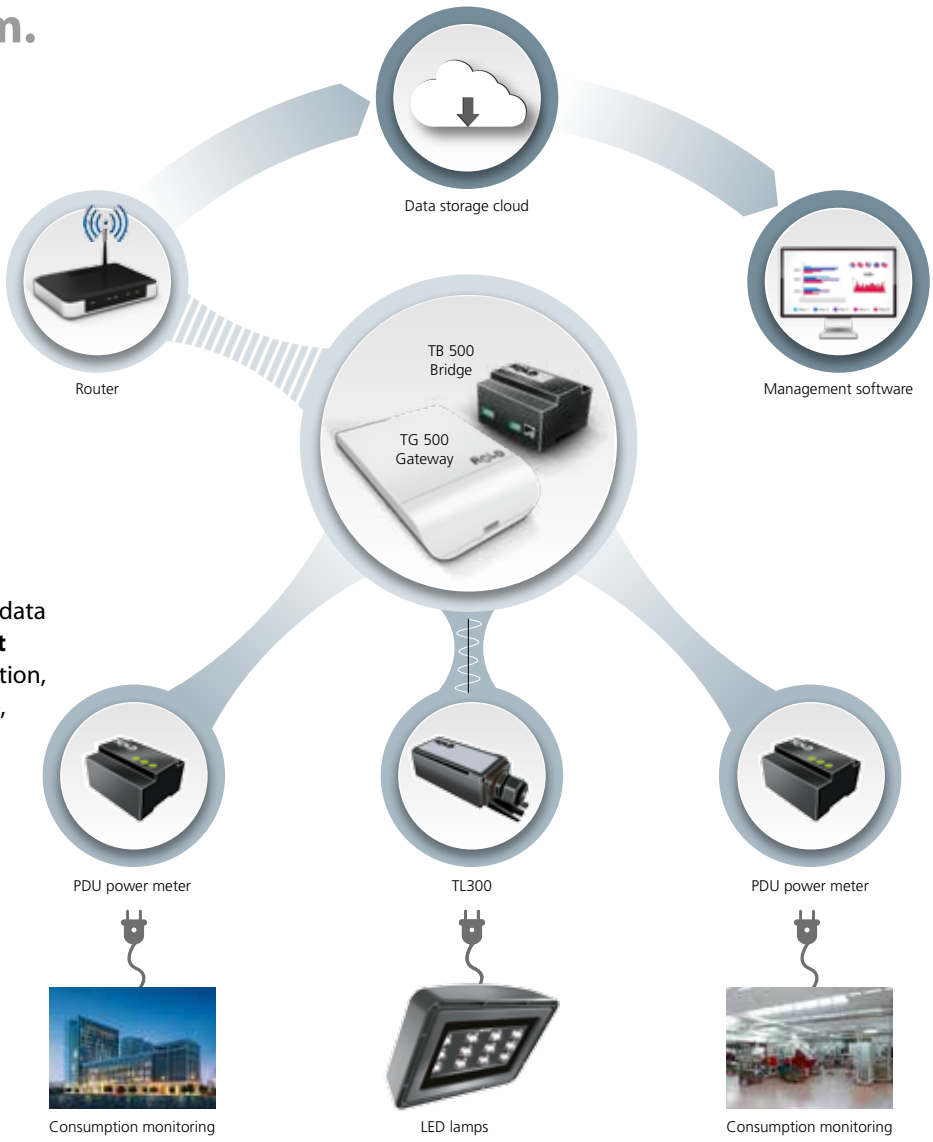
IP20	Protection against solid bodies Ø > 12 mm only.
IP23	Protection against solid bodies Ø > 12 mm and rain.
IP40	Protection against solid bodies Ø > 1 mm only.
IP43	Protection against solid bodies Ø > 1 mm and rain.
IP44	Protection against solid bodies Ø > 1 mm and water sprays.
IP54	Protection against dust and water sprays.
IP55	Protection against dust and water jets.
IP65	Protection against dust and water sprays.
IP66	Dust and water tight.
IP67	Dust and waterwave tight.

Smart Power System.

Efficiency lies in management.

The ROLD Group has developed an innovative monitoring and energy management system, accessible to all, and without the need for infrastructural intervention at corporate and commercial offices and homes.

By exploiting the common power line for data transmission, the system enables **efficient monitoring**, not only of energy consumption, but also of the use of any electrical device, thus ensuring optimised, **intelligent and dynamic management**.



The system complies with the ISO 5001 standard and with the Energy Efficiency Certificates regulations (white certificates)

01 COMMUNICATE

Without communication, nothing can really be considered "smart"... yet, the biggest obstacle for the IoT is the lack of a standard and shared communication method. ROLD SmartPower technology provides for the measurement, control and proactive management of any device, communicating data by exploiting the conventional power line.

02 MEASURE

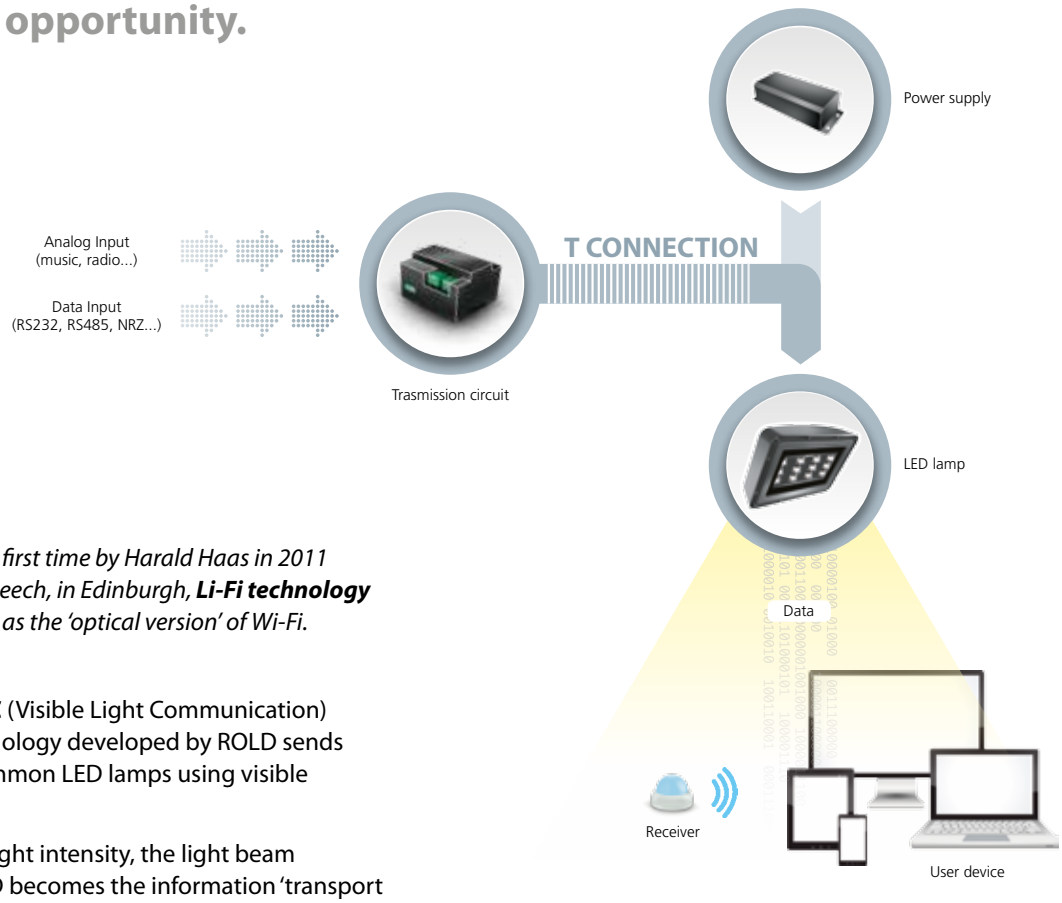
The system enables the real and efficient monitoring of consumption as well as the use of individual electrical/electronic devices or sets of them: it offers real-time evaluation of the actual energy expenditure, in terms of watt consumption and costs of machinery, various devices, lighting or entire buildings, factories, warehouses, shops, etc.

03 MANAGE

The intelligence in the ROLD SmartPower system allows us not only to check the actual energy consumption in real time, but also to control and manage the "smart use" of all the devices connected to the power line, by creating customised usage scenarios based on the specific application or context in which these devices are to be used.

Li-Fi Technology.

Light 'limits' can be an opportunity.



Introduced for the first time by Harald Haas in 2011 at a TED Global speech, in Edinburgh, ***Li-Fi technology*** *can be considered as the 'optical version' of Wi-Fi.*

Based on the **VLC** (Visible Light Communication) system, the technology developed by ROLD sends data through common LED lamps using visible light beam.

Modulating the light intensity, the light beam generated by LED becomes the information 'transport media': today data can go directly from a transmission circuit/chip to the user device through a sensor **(receiving data through visible light)**.

01 WHAT

Ability to transmit data through a light beam is today a reality through the VLC (Visible Light Communication) technology, and can be soon a valid option to Wi-Fi, especially where radio communication systems can cause problems or be not enough secure (hospitals, military use, etc.).

02 HOW

It can be the 'optical equivalent' of Wi-Fi: Li-Fi peculiarity is that the frequencies used for communication are in the visible light spectrum. Data transmission goes through a 'simple' light beam by modulating the LEDs operating frequencies of a normal LED lamp. Data are transmitted only where light is.

03 WHY

Li-Fi represents an innovation technology that, not having the radio waves potential conflicts, can reduce risks and security problems related to unauthorized access, interferences, and interceptions. Signal is limited by optical reach (only where light is visible): and that limit can be a big advantage.

Roldlighting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