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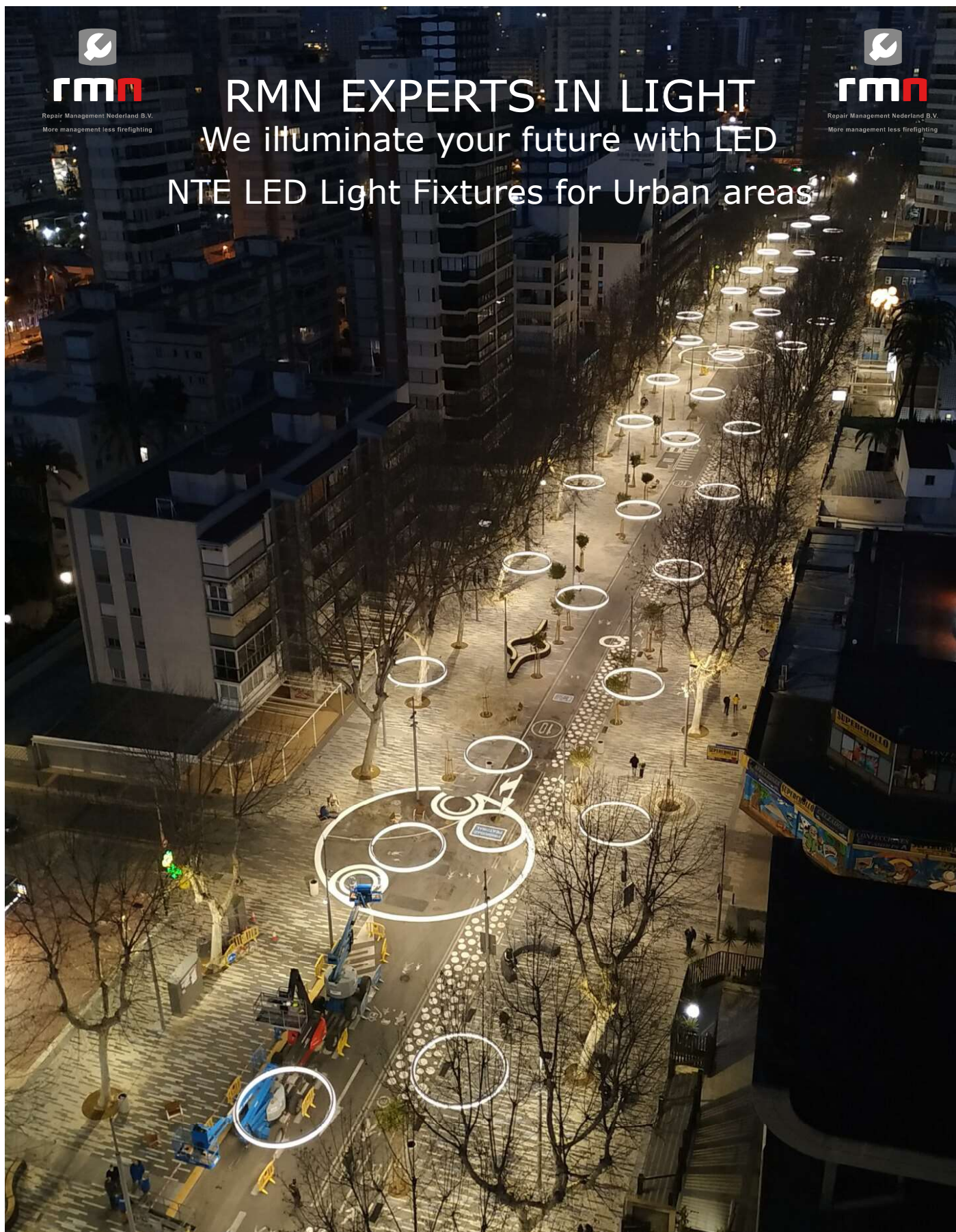
RMN EXPERTS IN LIGHT

We illuminate your future with LED
NTE LED Light Fixtures for Urban areas



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Experts in light

Durability starts now.

The Green Future belongs to all of us.

NTE EFFICIENCY GEF Series



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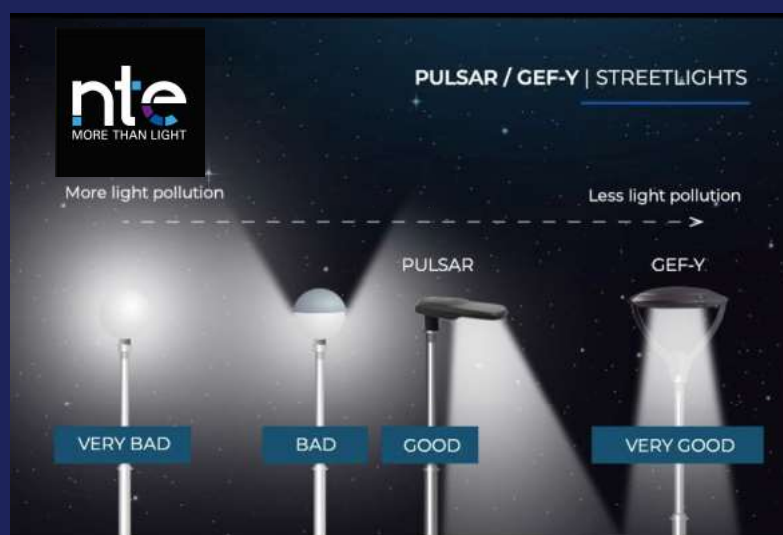
The GEF for montage for pole or wall mounting The GEF-Y and GEF-P for pole mounting

The GEF series LED luminaires to use in urban areas with a great appearance to use in streets, gardens and parks. The luminaires are available in several lenses and in the light colors 4000K, 2700K, 2200K and Amber. Symmetric optics are available in 120° and 150° and Asymmetric lenses in 4 different variations. The luminaires are equipped with the high quality NTE LED 3535 L90B10 with an estimated lifespan of >100.000 hour and a CRI of >70. Installation is simple due to the 90° adjustable arm. High quality powder coating for an optimal protection of the body. Optional can the body be equipped with a special anti-saline coating for use in coastal areas. The luminaires are IP66 and IK09 protected and class I with 1-10V regulation for dimming. Many other options are possible. Characteristic is the low energy consumption of the luminaire with a light output (depending on type and model) from 175 Lm/W up to 200 Lm/W. Light output from 3.770 lumen up to 16.270 lumen (real value). The luminaires can be used for heights of 6 to 12 meter. An integrated safety system disconnect the electricity immediately when the luminaire body will be opened.

For ambient temperatures -40° ~ 60°C. Standard 5 year factory warranty and optional up to 10 year.

Voltage 95-270 Vac, 48-63 Hz, Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$). Surge protection 20 kV.

Additional info via our product specialists



Extreme low light pollution:

Light pollution is a huge problem. Most artificial light spreads out to the night sky and prevent to have a dark sky. The design of the NTE luminaire and the optics system it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements. With this we work together to get the dark night sky back where stars are visible again and nature will not be disturbed by this scattered light.

The GEF and GEF-Y LED Luminaires have a nice grey RAL 9007 appearance.
The factory warranty on this luminaires is 5 year, optional 10 year.

Breather valve:

Compensating valve that equals the interior / exterior pressure of the luminaire by means of the air inlet / outlet, thereby prolonging the life of the joints and internal elements, reducing the temperature and preventing the entry of moisture that can produce condensation. (Optional).

NTE-Sistemas for years of experience in the development and production of LED lighting, produced in Spain.



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NTE HYDRA

Luminaire that stands out for its attractive, minimalist and functional design.

This luminaires have a diameter of Ø 500mm and a height of 235mm.

The post connection is Ø 67mm

High quality aluminium body protected with an attractive grey RAL 9006 powder coating.

For ambient temperatures -20° ~ 50°C.

5 years factory warrantee, optional up to 10 year.

Surge protection 10 kV.



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The STYLUS HYDRA for pole mounting

The HYDRA POLE series LED luminaires to use in urban areas with a great appearance to use in streets, gardens and parks. The luminaires are available in several lenses and in the light colors 4000K, 2700K and Amber.

Symmetric optics are available in 120° and 150° and Asymmetric lenses in 4 different variations. The luminaires are equipped with the high quality NTE LED 3535 L90B10 with an estimated lifespan of >100.000 hour and a CRI of >70. Installation is simple with the Ø 67mm pole connection. High quality powder coating for an optimal protection of the body. The luminaires are IP66 and IK08 protected and class I with 1-10V regulation for dimming. Many other options are possible. Different lenses are possible. Characteristic is the low energy consumption of the luminaire with a light output (depending on type and model) from 187 Lm/W up to 212 Lm/W. Light output 4.560 lumen up to 11.710 lumen (real values).

The luminaires can be used for heights of 6 to 10 meter.

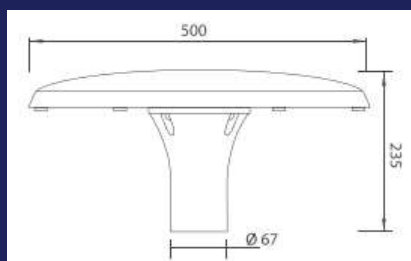
Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.

Extreme low light pollution: (FHS)

Light pollution is a huge problem.

Most artificial light spreads out to the night sky and prevent to have a dark sky.

The design of the NTE luminaire and the optics system it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements. With this we work together to get the dark night sky back where stars are visible again and nature will not be disturbed by this scattered light.



The HYDRA LED Luminaires have a nice antracite grey RAL 9006 appearance.

The factory warrantee on this luminaires is 5 year, optional 10 year.

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NTE ROUND POLE

Luminaire that stands out for its attractive, minimalist and functional design.

This luminaires have a diameter of Ø 500mm with a post connection of Ø 89mm and a total height of 363mm.

High quality aluminium body protected with an attractive antracite grey RAL 7043 powder coating.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures -40° ~ 60°C.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.

The STYLUS ROUND POLE for pole mounting

The ROUND POLE series LED luminaires to use in urban areas with a great appearance to use in streets, gardens and parks. The luminaires are available in several lenses and in the light colors 4000K, 2700K, 2200K and Amber.

Symmetric optics are available in 120° and 150° and Asymmetric lenses in 4 different variations. The luminaires are equipped with the high quality NTE LED 3535 L90B10 with an estimated lifespan of >100.000 hour and a CRI of >70.

Installation is simple with the Ø 89mm pole connection. High quality powder coating for an optimal protection of the body.

Optional can the body be equipped with a special anti-saline coating for use in coastal areas. The luminaires are IP66 and IK08 protected and class I with 1-10V regulation for dimming. Many other options are possible. Different lenses are possible. Characteristic is the low energy consumption of the luminaire with a light output (depending on type and model) from 172 Lm/W up to 198 Lm/W. Light output 3.850 lumen up to 11.580 lumen (real values).

The luminaires can be used for heights of 6 to 10 meter.

Power factor ≥ 96% (cos φ ≥ 0,96) Voltage 95-270 Vac 48-63 Hz.



Extreme low light pollution:

Light pollution is a huge problem.

Most artificial light spreads out to the night sky and prevent to have a dark sky.

The design of the NTE luminaire and the optics system it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements.

With this we work together to get the dark night sky back where stars are visible again and nature will not be disturbed by this scattered light.

The GROUND POLE LED Luminaires have a nice antracite grey RAL 7043 appearance.

The factory warrantee on this luminaires is 5 year, optional 10 year.



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NTE ROUND WALL



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Luminaire that stands out for its attractive, minimalist and functional design.

This luminaires have a diameter of Ø 500mm, comes with an 676mm wall mount arm and a height of 231mm.

High quality aluminium body protected with an attractive antracite grey RAL 7043 powder coating.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures -40° ~ 60°C.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.

The STYLUS ROUND WALL for wall mount

The ROUND WALL series LED luminaires to use in urban areas with a great appearance to use in streets, gardens and parks. The luminaires are available in several lenses and in the light colors 4000K, 2700K, 2200K and Amber. Symmetric optics are available in 120° and 150° and Asymmetric lenses in 4 different variations. The luminaires are equipped with the high quality NTE LED 3535 L90B10 with an estimated lifespan of >100.000 hour and a CRI of >70. Installation is easy with a convenient anchoring bracket. High quality powder coating for an optimal protection of the body. Optional can the body be equipped with a special anti-saline coating for use in coastal areas. The luminaires are IP66 and IK08 protected and class I with 1-10V regulation for dimming. Many other options are possible. Different lenses are possible.

Characteristic is the low energy consumption of the luminaire with a light output (depending on type and model) from 172 Lm/W up to 198 Lm/W. Light output 3.850 lumen up to 11.580 lumen (real values).

The luminaires can be used for heights of 6 to 10 meter.

Power factor ≥ 96% (cos φ ≥ 0,96) Voltage 95-270 Vac 48-63 Hz.

Extreme low light pollution:

Light pollution is a huge problem.

Most artificial light spreads out to the night sky and prevent to have a dark sky.

The design of the NTE luminaire and the optics system it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements.

With this we work together to get the dark night sky back where stars are visible again and nature will not be disturbed by this scattered light.

ROUND WALL



The GROUND WALL LED Luminaires have a nice antracite grey RAL 7043 appearance.

The factory warrantee on this luminaires is 5 year, optional 10 year.



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NTE NEOVILLE

Updated design, inspired by the structure of old luminaires that used to be installed in city centres, with subtle lines and minimalist aesthetics
The luminaire is 476x476mm (LxW) with a height of 520mm.

High quality aluminium body protected with an attractive black RAL 9005 powder coating.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures -40° ~ 60°C.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.

The STYLUS NEOVILLE for pole

The NEOVILLE series LED luminaires to use in urban areas with a great appearance to use in streets, gardens and parks. The luminaires are available in several lenses and in the light colors 4000K, 2700K, 2200K and Amber. Symmetric optics are available in 120° and 150° and Asymmetric lenses in 4 different variations. The luminaires are equipped with the high quality NTE LED 3535 L90B10 with an estimated lifespan of >100.000 hour and a CRI of >70. Installation is easy with a convenient anchoring bracket. High quality powder coating for an optimal protection of the body. Optional can the body be equipped with a special anti-saline coating for use in coastal areas. The luminaires are IP66 and IK09 protected and class I with 1-10V regulation for dimming. Many other options are possible. Different lenses are possible.

Characteristic is the low energy consumption of the luminaire with a light output (depending on type and model) from

169 Lm/W up to 192 Lm/W. Light output 3.891 lumen up to 11.650 lumen (real values).

The luminaires can be used for heights of 6 to 10 meter.

Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.

NEOVILLE



Extreme low light pollution:

Light pollution is a huge problem.

Most artificial light spreads out to the night sky and prevent to have a dark sky.

The design of the NTE luminaire and the optics system it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements.

With this we work together to get the dark night sky back where stars are visible again and nature will not be disturbed by this scattered light.

The NEOVILLE LED Luminaires comes with an attractive RAL 9005 powder coated body. Factory warrantee is 5 years and optional up to 10 years.

Breather valve:

Compensating valve that equals the interior / exterior pressure of the luminaire by means of the air inlet / outlet, thereby prolonging the life of the joints and internal elements, reducing the temperature and preventing the entry of moisture that can produce condensation. (Optional).

NTE-Sistemas for years of experience in the development and production of LED lighting, produced in Spain.



NTE VEF-M

Villa-type urban luminaire with body in stove-painted sheet steel and REF-M retrofit.

The luminaire is 440x440mm LxW, and a height of 780mm with a Ø 26mm pole connection.

High quality STEEL SHEET body protected with an attractive black RAL 9005 powder coating.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures -40° ~ 60°C.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.

The EFFICIENCY VEF-M for pole mounting

The VEF-M series LED luminaires to use in urban areas with a great appearance to use in streets, gardens and parks. The luminaires are available in several lenses and in the light colors 4000K, 2700K, 2200K and Amber. Symmetric optics are available in 120° and 150° and Asymmetric lenses in 4 different variations. The luminaires are equipped with the high quality NTE LED 3535 L90B10 with an estimated lifespan of >100.000 hour and a CRI of >70. Installation is simple with the Ø 26mm pole connection. High quality powder coating for an optimal protection of the body. Optional can the body be equipped with a special anti-saline coating for use in coastal areas. The luminaires are IP66 and IK09 protected and class I with 1-10V regulation for dimming. Many other options are possible. Different lenses are possible. Characteristic is the low energy consumption of the luminaire with a light output (depending on type and model) from 175 Lm/W up to 200 Lm/W. Light output 3.760 lumen up to 11.840 lumen (real values).

The luminaires can be used for heights of 3 up to 10 meter.

Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.

Extreme low light pollution:

Light pollution is a huge problem.

Most artificial light spreads out to the night sky and prevent to have a dark sky.

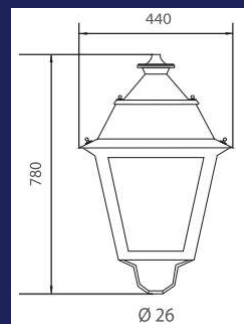
The design of the NTE luminaire and the optics system it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements. With this we work together to get the dark night sky back where stars are visible again and nature will not be disturbed by this scattered light.



The VEF-M LED Luminaires comes with an attractive RAL 9005 powder coated body. Factory warrantee is 5 years and optional up to 10 years.



SAME AS THE VEF-M(A) BUT WITH A SHEET STEEL BODY INSTEAD OF ALUMINIUM.



NTE VEF-M(A)

Villa-type urban luminaire with body in painted aluminium and REF-M retrofit.

The luminaire is 440x440mm LxW, and a height of 780mm with a Ø 26mm pole connection.

High quality ALUMINIUM body protected with an attractive black RAL 9005 powder coating.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures -40° ~ 60°C.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.

The EFFICIENCY VEF-M(A) for pole

The VEF-M(A) series LED luminaires to use in urban areas with a great appearance to use in streets, gardens and parks. The luminaires are available in several lenses and in the light colors 4000K, 2700K, 2200K and Amber. Symmetric optics are available in 120° and 150° and Asymmetric lenses in 4 different variations. The luminaires are equipped with the high quality NTE LED 3535 L90B10 with an estimated lifespan of >100.000 hour and a CRI of >70. Installation is simple with the Ø 26mm pole connection. High quality powder coating for an optimal protection of the body. Optional can the body be equipped with a special anti-saline coating for use in coastal areas. The luminaires are IP66 and IK09 protected and class I with 1-10V regulation for dimming. Many other options are possible. Different lenses are possible.

Characteristic is the low energy consumption of the luminaire with a light output (depending on type and model) from 175 Lm/W up to 200 Lm/W. Light output 3.760 lumen up to 11.840 lumen (real values).

The luminaires can be used for heights of 3 up to 10 meter.

Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.



Extreme low light pollution:

Light pollution is a huge problem.

Most artificial light spreads out to the night sky and prevent to have a dark sky.

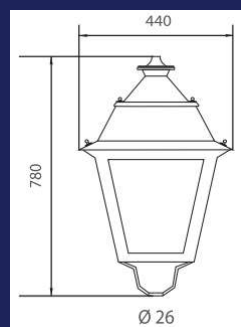
The design of the NTE luminaire and the optics system it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements.

With this we work together to get the dark night sky back where stars are visible again and nature will not be disturbed by this scattered light.

The VEF-M(A) LED Luminaires comes with an attractive RAL 9005 powder coated body. Factory warrantee is 5 years and optional up to 10 years.



SAME AS THE VEF-M BUT WITH ALUMINIUM BODY INSTEAD OF SHEET STEEL.



NTE BEF-M

Fernandino urban luminaire with oven-fire painted aluminium body and REF-M retrofit.

The luminaire is Ø 520mm, with a height of 910mm and a Ø 26mm pole connection.

High quality ALUMINIUM body protected with an attractive black RAL 9005 powder coating.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures -40° ~ 60°C.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.



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The EFFICIENCY BEF-M for pole mounting

The BEF-M series LED luminaires to use in urban areas with a great appearance to use in streets, gardens and parks.

The luminaires are available in several lenses and in the light colors 4000K, 2700K, 2200K and Amber. Symmetric optics are available in 120° and 150° and Asymmetric lenses in 4 different variations. The luminaires are equipped with the high quality NTE LED 3535 L90B10 with an estimated lifespan of >100.000 hour and a CRI of >70. Installation is simple with the Ø 26mm pole connection. High quality powder coating for an optimal protection of the body. Optional can the body be equipped with a special anti-saline coating for use in coastal areas. The luminaires are IP66 and IK09 protected and class I with 1-10V regulation for dimming. Many other options are possible. Different lenses are possible.

Characteristic is the low energy consumption of the luminaire with a light output (depending on type and model) from 175 Lm/W up to 200 Lm/W. Light output 3.760 lumen up to 11.840 lumen (real values).

The luminaires can be used for heights of 3 up to 10 meter.

Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.

Extreme low light pollution:

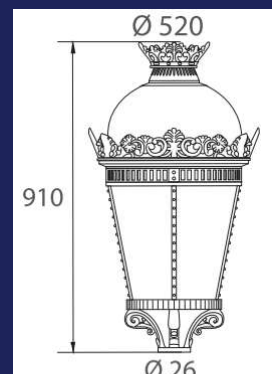
Light pollution is a huge problem.

Most artificial light spreads out to the night sky and prevent to have a dark sky.

The design of the NTE luminaire and the optics system it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements. With this we work together to get the dark night sky back where stars are visible again and nature will not be disturbed by this scattered light.



The BEF-M LED Luminaires comes with an attractive RAL 9005 powder coated body. Factory warrantee is 5 years and optional up to 10 years.



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NTE CYCLE

The CYCLE LED luminaire is especially developed as decorative luminaire for promenades and avenues.

It is a widely proven concept and installed in cities as: BARCELONA and BENIDORM

Standard with a 120° lens. NTE LED L90B10 with an estimated lifespan of >100.000 hour with a CRI of >80.

Installation is easy by special anchorage for catenary system. High quality materials are used as an extruded aluminium body and 3 mm micropismatic frosted polycarbonate cover with advanced UV filter and low UGR level.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

The luminaire is IP66 and IK10 protected and Classe I with a IP67 LED driver with 1-10V or DALI regulation for light dimming.

Multiple options are possible.

Characteristic is the low energy consumption of the luminaire with a light output of 120 Lm/W.

Light output 9.600 lumen up to 18.000 lumen (real values).

The luminaires can be used for heights of 6 to 12 meter.

Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$)

Voltage 95-270 Vac 48-63 Hz.

Luminaire that stands out for its minimalist toroidal design, recommended for promenades and pedestrian avenues.

The luminaire is \varnothing 4000mm, with a height of 180mm. The diameter of the light ring is \varnothing 162mm.

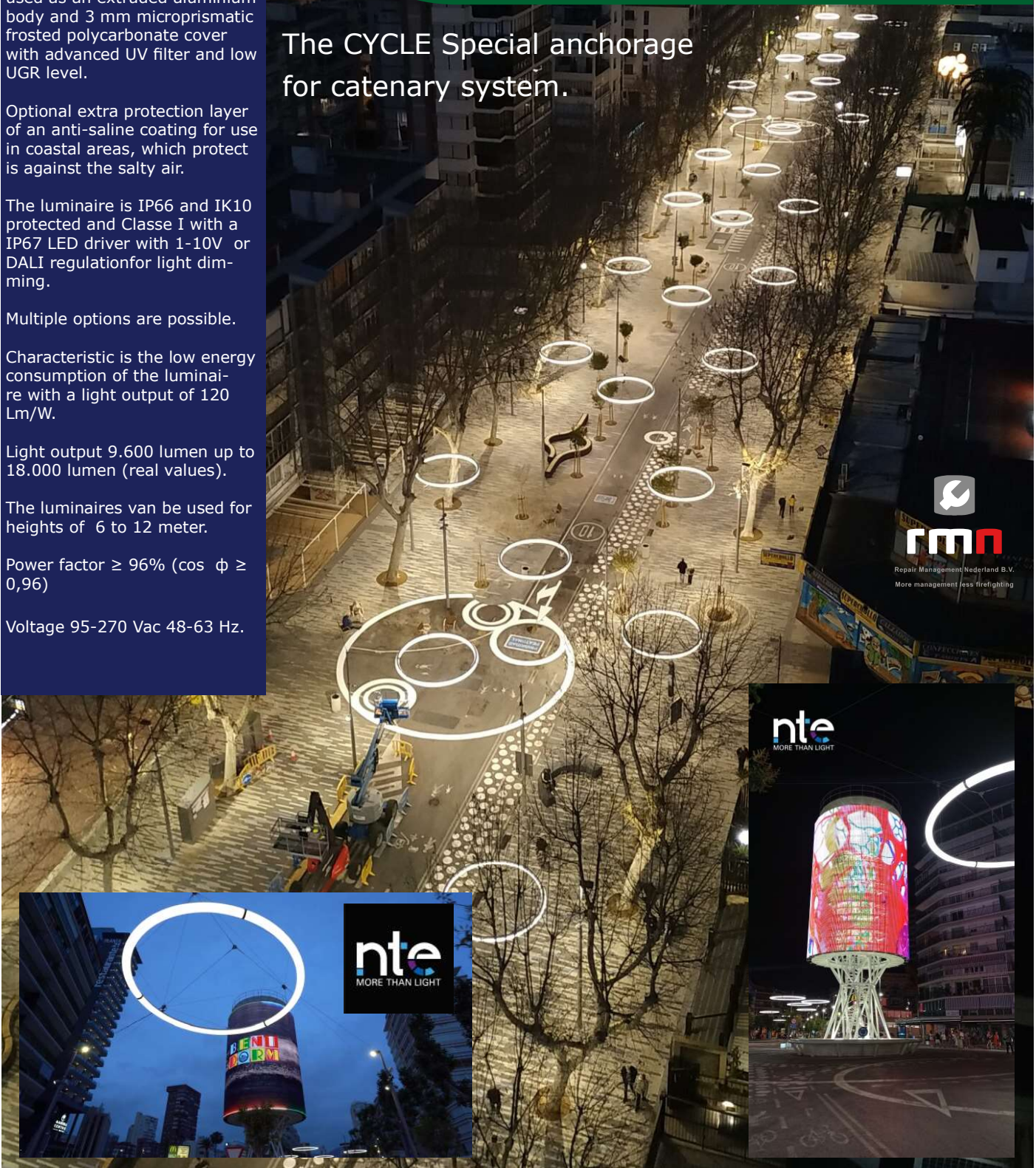
Manufactured with extruded aluminium body and 3 mm micropismatic frosted polycarbonate cover with advanced UV filter and low UGR level. Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures $-40^{\circ} \sim 60^{\circ}\text{C}$.

5 years factory warranty.

Surge protection 20 kV.

The CYCLE Special anchorage for catenary system.



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NTE REF-LT

Retrofit designed with the aim of offering great versatility, as the trim is made to measure and can therefore be adapted to any luminaire that needs to be upgraded to LED technology, including old luminaire designs.

Made of galvanised sheet metal, oven-fire painted in RAL 9005 black. Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures $-40^{\circ} \sim 60^{\circ}\text{C}$.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.



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The EFFICIENCY REF-LT the Refit Modules

The REF-LT series LED modules for use in existing luminaires that needs an upgrade to LED technology. The modules are available in several lenses and in the light colors 4000K, 2700K, 2200K and Amber. Symmetric optics are available in 120° and 150° and Asymmetric lenses in 4 different variations. The modules are equipped with the high quality NTE LED 3535 L90B10 with an estimated lifespan of >100.000 hour and a CRI of >70 . Installation is simple with the $\varnothing 26\text{mm}$ pole connection. High quality powder coating for an optimal protection of the body. Optional can the body be equipped with a special anti-saline coating for use in coastal areas. The luminaires are IP54 and IK08 protected and class I with 1-10V regulation for dimming. Many other options are possible. Different lenses are possible. Characteristic is the low energy consumption of the luminaire with a light output (depending on type and model) from 172 Lm/W up to 198 Lm/W. Light output 3.880 lumen up to 12.330 lumen (real values).

The modules can be used in luminaires for heights of 3 to 10 meter.

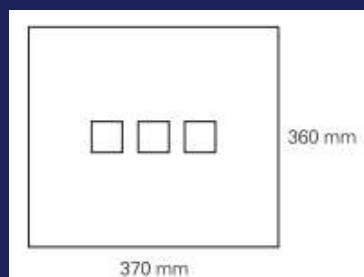
Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.



Extreme low light pollution:

Light pollution is a huge problem. Most artificial light spreads out to the night sky and prevent to have a dark sky. The design of the NTE luminaire and the optics system it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements. With this we work together to get the dark night sky back where stars are visible again and nature will not be disturbed by this scattered light.

The REF-LT LED Modules comes with an attractive RAL 9005 powder coated body. Factory warrantee is 5 years and optional up to 10 years.



Standard LED Module = 360x370mm other dimensions on request.

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Een retrofit ontworpen met als doel een grote veelzijdigheid te bieden, aangezien de rand op maat gemaakt kan worden aan elk armatuur die een upgrade moet krijgen naar LED technologie, inclusief oude bestaande ontwerpen.

De behuizing is van aluminium en voorzien van een fraaie zwarte RAL 9005 ovengeharde poedercoating.

Optioneel te leveren met een anti-saline beschermingslaag voor gebruik in kustgebieden en het armatuur zo te beschermen tegen de zoute lucht. Voor omgevingstemperaturen van -40° ~ 60°C.

5 jaar fabrieksgarantie optioneel tot 10 jaar.

Overspanningsbeveiliging 20 kV.

De EFFICIENCY REF-M de Refit Modules

The REF-M series LED modules for use in existing luminaires that needs an upgrade to LED technology. The modules are available in several lenses and in the light colors 4000K, 2700K, 2200K and Amber. Symmetric optics are available in 120° and 150° and Asymmetric lenses in 4 different variations. The modules are equipped with the high quality NTE LED 3535 L90B10 with an estimated lifespan of >100.000 hour and a CRI of >70. High quality powder coating for an optimal protection of the body. Optional can the body be equipped with a special anti-saline coating for use in coastal areas. The modules are IP66 and IK08 protected and class I with 1-10V regulation for dimming. Many other options are possible.

Different lenses are possible. Characteristic is the low energy consumption of the luminaire with a light output (depending on type and model) from 175 Lm/W up to 200 Lm/W. Light output 3.460 lumen up to 11.840 lumen (real values). The modules can be used in luminaires for heights of 2,5 to 8 meter.

Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.

Extreme low light pollution:

Light pollution is a huge problem.

Most artificial light spreads out to the night sky and prevent to have a dark sky.

The design of the NTE luminaire and the optics system it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements.

With this we work together to get the dark night sky back where stars are visible again and nature will not be disturbed by this scattered light.

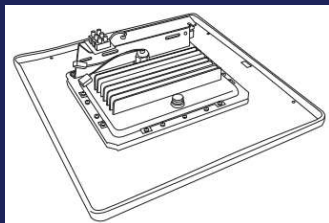
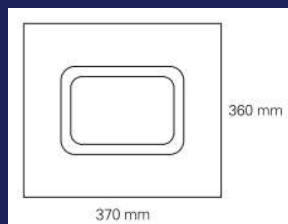


The REF-M LED Modules comes with an attractive RAL 9005 powder coated body.

Factory warrantee is 5 years and optional up to 10 years.

Breather valve:

Compensating valve that equals the interior / exterior pressure of the luminaire by means of the air inlet / outlet, thereby prolonging the life of the joints and internal elements, reducing the temperature and preventing the entry of moisture that can produce condensation. (Optional). NTE-Sistemas for years of experience in the development and production of LED lighting, produced in Spain.



Standard LED Module = 360x370mm other dimensions on request.

NTE REF-COMPACT

Retrofit designed with the aim of offering great versatility, as the trim is made to measure and can therefore be adapted to any luminaire that needs to be upgraded to LED technology, including old luminaire designs.

Made of galvanised sheet metal, oven-fire painted in RAL 9005 black. Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures $-40^{\circ} \sim 60^{\circ}\text{C}$.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.



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The EFFICIENCY REF-COMPACT the Refit Modules

The REF-COMPACT series LED modules for use in existing luminaires that needs an upgrade to LED technology. The modules are available in several lenses and in the light colors 4000K, 2700K and Amber. Symmetric optic is available in 150° and Asymmetric lenses in 2 different variations. The luminaires are equipped with the high quality NTE LED 3535 L90B10 with an estimated lifespan of >100.000 hour and a CRI of >70. High quality powder coating for an optimal protection of the body. Optional can the body be equipped with a special anti-saline coating for use in coastal areas. The modules are IP54 and IK08 protected and class I with 1-10V regulation for dimming. Many other options are possible. Different lenses are possible. Characteristic is the low energy consumption of the luminaire with a light output (depending on type and model) from 140 Lm/W up to 155 Lm/W. Light output 4.130 lumen up to 7.170 lumen (real values).

The modules can be used in luminaires for heights of 2,5 to 10 meter.

Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.



Extreme low light pollution:

Light pollution is a huge problem.

Most artificial light spreads out to the night sky and prevent to have a dark sky.

The design of the NTE luminaire and the optics system it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements.

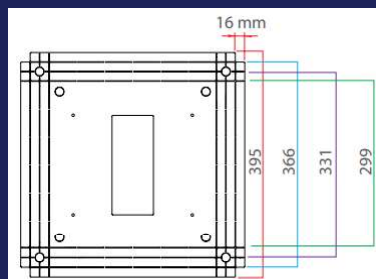
With this we work together to get the dark night sky back where stars are visible again and nature will not be disturbed by this scattered light.

The REF-COMPACT LED Modules comes with an attractive RAL 9005 powder coated body.

Factory warrantee is 5 years and optional up to 10 years.

Measures:

Standard measurements. Custom designs available upon request. Prefined cut marks allow for easy, tool-free size adjustment during installation. Weight 3.5kg.



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NTE STYLUS ROUND GARDEN

Minimalist and elegant design.

Symmetrical luminaire especially designed for residential areas.

The luminaire has a diameter of Ø 500mm, height of 565mm and a Ø 89mm pole connection.

High quality aluminium body protected with an attractive antracite grey RAL 7043 powder coating.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures -40° ~ 60°C.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.

The STYLUS ROUND GARDEN for pole mounting

The ROUND GARDEN series LED luminaires to use in urban areas with a great appearance to use in streets, gardens and parks. The luminaires are available in several lenses and in the light colors 4000K, 2700K, 2200K and Amber. Symmetric optics are available in 120° and 150° and Asymmetric lenses in 4 different variations. The luminaires are equipped with the high quality NTE LED 3535 L90B10 with an estimated lifespan of >100.000 hour and a CRI of >70. Installation is easy with a convenient anchoring bracket. High quality powder coating for an optimal protection of the body. Optional can the body be equipped with a special anti-saline coating for use in coastal areas. The luminaires are IP66 and IK08 protected and class I with 1-10V regulation for dimming. Many other options are possible. Different lenses are possible. Characteristic is the low energy consumption of the luminaire with a light output (depending on type and model) from 174 Lm/W up to 192 Lm/W. Light output 2.712 lumen up to 7.888 lumen (real values). The luminaires can be used for heights of 4 tot 10 meter.

Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.

Extreme low light pollution:

Light pollution is a huge problem.

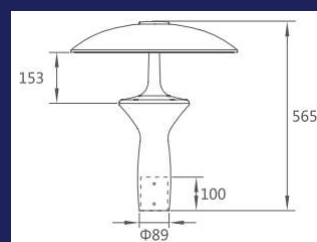
Most artificial light spreads out to the night sky and prevent to have a dark sky.

The design of the NTE luminaire and the optics system it assembles make possible the luminous flux in the upper hemisphere to be less than 1% of the total, thus fulfilling the most demanding anti-pollution requirements. With this we work together to get the dark night sky back where stars are visible again and nature will not be disturbed by this scattered light.



The ROUND GARDEN LED Luminaires have a nice antracite grey RAL 7043 appearance.

The factory warrantee on this luminaires is 5 year, optional 10 year.



NTE STYLUS FLAT WALL

Minimalist and decorative design.

The luminaire is 220x220mm LxW, with a height of 79mm.

High quality aluminium body protected with an attractive antracite grey RAL 7043 powder coating.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures $-40^{\circ} \sim 60^{\circ}\text{C}$.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.



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The STYLUS FLAT WALL for wall mounting

The FLAT WALL LED luminaire has a minimalist and decorative design, it stands out for its versatility depending on the arrangement in which it is installed, being able to create very attractive geometric patterns.

Available in light color 2700K. The luminaire is equipped with the high quality NTE LED L90B10 with an estimate lifespan of >60.000 uur met een CRI van >70. Easy installation, the luminaire is secured with screws to the wall. For recessed installation into the wall there is a special accessory available. High quality powder coating for an optimal protection of the body and an attractive look. Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air. The luminaire is IP65 and IK08 protected and classe II double isolated. Characteristic is the low energy consumption of the luminaire of 13W with a light output of 85 Lm/W. Total light output of 1.105 lumen (real values).

Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.

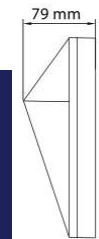
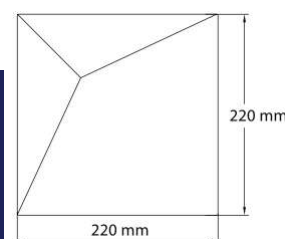


 **STYLUS**
BY NTE



FLAT WALL

WALL LIGHT



The FLAT WALL LED Luminaires have a nice antracite grey RAL 7043 appearance. The factory warrantee on this luminaires is 5 year, optional 10 year.

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NTE STYLUS FLAT

Minimalist and decorative design.

The luminaire is 720x220mm HxW, with a depth of 104mm.

High quality aluminium body protected with an attractive antracite grey RAL 7043 powder coating.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures $-40^{\circ} \sim 60^{\circ}\text{C}$.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.

The STYLUS FLAT for free standing floor

The FLAT LED luminaire for use in locations where an attractive free standing luminaire is required, the differs in versatility depending on the setup in which it is installed and can create very attractive geometric patterns.

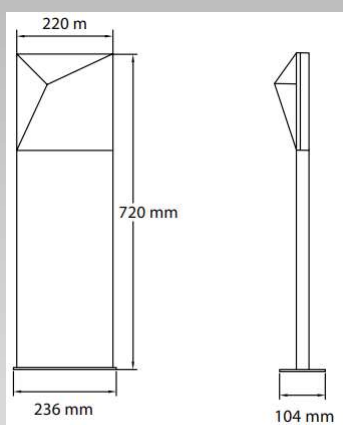
One of the frequently used applications is landscaping.

Available in light color 2700K. The luminaire is equipped with the high quality NTE LED L90B10 with an estimate lifespan of >60.000 uur met een CRI van >70. Easy installation, the luminaire is fixed on the floor. High quality powder coating for an optimal protection of the body and an attractive look. Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air. The luminaire is IP65 and IK08 protected and classe II double isolated. Characteristic is the low energy consumption of the luminaire of 13 W with a light output of 85 Lm/W.

Total light output of 1.105 lumen (real values). Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.



FLAT



The FLAT LED Luminaires have a nice antracite grey RAL 7043 appearance. The factory warrantee on this luminaires is 5 year, optional 10 year.



NTE STYLUS MIRROR WALL

Minimalist and decorative design.

The luminaire is 259x69x52mm HxWxD.

High quality aluminium body protected with an attractive antracite grey RAL 7043 powder coating.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures $-40^{\circ} \sim 60^{\circ}\text{C}$.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.



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The STYLUS MIRROR WALL for wall mounting

The MIRROR WALL LED luminaire for use in locations where a wall mounted luminaire is required with a distinguished design. The luminaire body is made of high quality aluminium with a reflective light beam.

Available in light color 2700K. The luminaire is equipped with the high quality NTE LED L90B10 with an estimate lifespan of >60.000 uur met een CRI van >70. Easy installation, the luminaire is secured with screws to the wall. High quality powder coating for an optimal protection of the body and an attractive look.

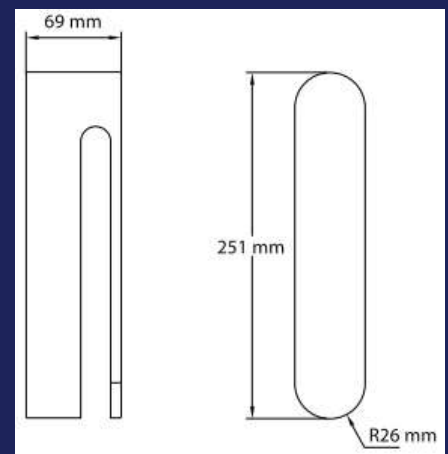
Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

The luminaire is IP65 and IK08 protected and classe II double isolated.

Characteristic is the low energy consumption of the luminaire of 13 W with a light output of 82 Lm/W.

Light output 1.066 lumen (real values).

Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.



The MIRROR WALL LED Luminaires have a nice antracite grey RAL 7043 appearance. The factory warrantee on this luminaires is 5 year, optional 10 year.



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NTE STYLUS MIRROR

Minimalist and decorative design.

The luminaire is 1000x91x52mm HxWxD.

High quality aluminium body protected with an attractive antracite grey RAL 7043 powder coating.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

For ambient temperatures -40° ~ 60°C.

5 years factory warrantee, optional up to 10 year.

Surge protection 20 kV.

The STYLUS MIRROR for free standing floor mounting

Het MIRROR LED luminaire for use in locations where a floor mounted luminaire is required with a distinguished design.

The luminaire body is made of high quality aluminium with a reflective light beam.

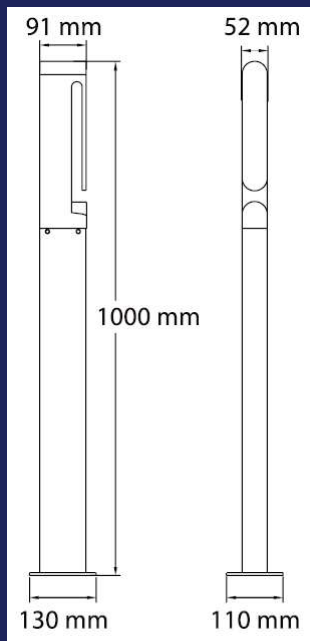
Available in light color 2700K. The luminaire is equipped with the high quality NTE LED L90B10 with an estimate lifespan of >60.000 uur met een CRI van >70. Easy installation, the luminaire is secured with screws to floor. High quality powder coating for an optimal protection of the body and an attractive look.

Optional extra protection layer of an anti-saline coating for use in coastal areas, which protect is against the salty air.

The luminaire is IP65 and IK08 protected and class II double isolated.

Characteristic is the low energy consumption of the luminaire of 13 W with a light output of 82 Lm/W. Light output 1.066 lumen (real values).

Power factor $\geq 96\%$ ($\cos \phi \geq 0,96$) Voltage 95-270 Vac 48-63 Hz.



The MIRROR LED Luminaires have a nice antracite grey RAL 7043 appearance. The factory warrantee on this luminaires is 5 year, optional 10 year.



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