ADVANTAGES

- compact and durable
- environment-friendly
- virtually maintenance-free
- high efficacy
- clear, homogeneous light
- long lasting
AT A GLANCE

OPTICAL SYSTEMS

S Optical System
For narrow streets. Extra wide distribution. Pole height: 4 – 5 m

ME Optical System
For wide streets. Greater forward throw. Pole height: 6 – 10 m

FGO Optical System
For pedestrian crossings. Asymmetric (left, right). Pole height: 6 – 10 m

DIM SYSTEMS

DIMpro
Auxiliary module, motion detector, antenna and external master module. Event dimming and field-programmable by operator.

DALI
The driver comes with DALI interface.

StepDIM
Factory-set to dim to a single stage. 230-V control lead is required.

AstroDIM
Infinite range. Factory-set to customer’s specifications. External control infrastructure unnecessary.
HESS + OSRAM TECHNOLOGY

THE PERFECT COMBINATION

Hess lighting is characterised by unchallenged quality, ambitious design and unsurpassed longevity. Osram LED modules feature advanced technology, and are replaceable and future-proof. Now a new generation of lighting is the product of the greatest strengths of these two reputable manufacturers. In a word – perfect.

LED's START!
OSRAM’S RAP MODULE – LED LIGHT HARNESSED TO PERFECTION

The RAP module embodies revolutionary LED technology and advanced lighting, making it the ideal choice for ambitious lighting design. Thanks to its modular design, streetlights in which it is housed retrofit at any time with the latest LED technology.

The LED module is a complete system, whose individual members perfectly interact with each other, in particular, the optical components, including the LEDs, reflector, optical control and the module’s undulated enclosure.

WORKMANSHIP

The PMMA enclosure is tightly bonded to the modules’ mounting plate and provides reliable protection against moisture, insects and foreign particles for long-lasting, consistently high light quality.

UNDULATED ENCLOSURE

The RAP module features a unique undulated cover. It is specially designed for the LEDs’ specific beam angle and minimises the loss of light due to reflection.
CHOICE OF OPTICAL SYSTEM

S
For narrow streets
Extra wide distribution
Pole height: 4 – 5 m

M
For wide streets
Greater forward throw
Pole height: 6 – 10 m

FGO
For pedestrian crossings
Asymmetric (left, right)
Pole height: 6 – 10 m

Thanks to the availability of different optical systems, you’ll surely find the ideal lighting solution with minimum glare and the highest efficiency for your specific lighting needs.
THE 3-ZONE REFLECTOR FOR GLARE-FREE LIGHTING

1. DISTANT
   The V-shaped facetted centre reflector aims the light that illuminates the area furthest from the luminaire and keeps the LEDs out of sight, which is the most effective means of preventing glare.

2. MID-RANGE
   The light illuminates the target area without optical control. Since the LEDs are hidden from sight, there is no direct glare for the viewer.

3. CLOSE-UP
   An extra facetted reflector, positioned on the side, aims the light that illuminates the area directly under the luminaire, keeping the brightness there uniform and pleasant.

UNIQUE
NEW YORK’s facetted reflector ensures motor vehicle operators, pedestrians and people in adjacent buildings are not subject to glare. The reflector's facets break the light of the individual diodes into multiple smaller beams, distributing the brightness across a larger reflector area. The benefits of this design are minimised glare and extremely homogeneous light that uniformly illuminates the target area.
OR GLARE-FREE LIGHTING
Streetlights with integrated dimming systems allow you to tailor the brightness and use of light to suit your specific needs. The RAP module comes with a driver and choice of DALI, StepDIM or AstroDIM system.

**DALI**
The driver comes with a DALI interface and easily integrates into any DALI-operated lighting system.

**StepDIM**
The luminaires are factory-set to dim to a single stage (30, 50 or 70 %). The control, which is integrated into the ballast, operates via an additional 230-V control lead.

**AstroDIM**
AstroDIM has an infinite range of 10 – 100 %. The customer can specify a maximum of two stages (e.g. 80 and 40 %), which Hess sets at the factory. The ballast with the integral control also determines the hypothetical midnight time. This dimming system does not require an external control infrastructure.
The LED luminaires are factory-set to a single dim stage (30, 50 or 70 %). The dimmer is housed in the luminaire and requires a 230-V control lead.

**DIM SYSTEMS FOR LEVO 2.0:**

**DIM easy**

Evening (high traffic volume)
100 % power

Night dimming (minimum traffic)
e.g. 20 % power

Event
e.g. 50 % power, limited time

Early morning (high traffic volume)
100 % power

**DIM pro**

The control system includes an auxiliary module, motion detector, and an antenna in the luminaire housing as well as an external GPS-capable master module. The master module communicates the site, date and time to the other luminaires. Operators have access to system data and can perform software updates. The LED luminaires have a dim setting (10 – 100 %). In addition, the operator can specify a second wattage level for events, for example, when an automobile passes on the street, etc. A software package comes with this dimmer, allowing the operator to programme the system as required.
HESS LIGHTING – NOW MORE ATTRACTIVE THAN EVER!

LED
Besides delivering superb light quality and low energy consumption, our LED street lighting products also punctuate the aesthetic qualities of their respective settings.

START
Convert now to LED technology and save energy. Take advantage of our free smart control offer and extraordinary maintenance factor to reduce your operating costs.
THE NEW YORK FAMILY OF LIGHTING

Whether residential neighbourhoods, collector roads, main thoroughfares, pedestrian crossings, plazas or traffic circles, you’re certain to find exactly the right fit for your particular lighting situation in the NEW YORK family of LED luminaires.

NEW YORK comes with one or two LED modules, for pole top or bracket mounting, and with single or twin bracket. And, since negative tilt adjustment is possible, NEW YORK is suitable for mounting on davit arm poles.
THE DESIGN
The cooling fins were carefully designed with minimum space between the individual fins to prevent the collection of leaves.

THE MATERIAL
The surface of the luminaire housing is smoothly finished and angular, making it largely self-cleaning. When it rains, the water simply washes away any dust and dirt that may have accumulated between the cooling fins.

100% ANTI SKY GLOW
The luminaire easily tilt adjusts to the ideal position for the specific street or mounting height, ensuring that the light does not emit upwards, but rather remains in the lower half-plane, i.e. full cut-off.

EASY MAINTENANCE
The luminaire retrofits easily with the latest technology during regular maintenance. Hess luminaires’ high quality design, workmanship and materials virtually guarantee the LEDs will deliver all they’re technically capable of in terms of lighting and longevity.
NEW YORK – THE NEW LED LUMINAIRE FAMILY

NEW YORK 700
- For residential or collector roads and plazas, etc.
- Suitable for pole top or side mounting (60- or 76-mm spigot)
- Mounting height: 4 – 6 m
- Light colours: Neutral white or warm white

NEW YORK 1000
- For collector roads, main thoroughfares, plazas and traffic circles
- Suitable for pole top or side mounting (60- or 76-mm spigot)
- Mounting height: 6 – 10 m
- Light colours: Neutral white or warm white
NEW YORK 700 Luminaire

Cast aluminium housing and PMMA luminaire enclosure. Available with 60- or 76-mm spigot for pole top or side entry mounting. Finish is DB 703. Comes with RAP LED light module and choice of S, ME or FGO optical system. Available light colours are 3000 or 4700 K (only 4700 K with FGO). Orders without or with night economy feature (DALI, StepDIM, AstroDIM).

◆ Ingress protection IP66 • ☑ Safety class II • CE

Options: Other finishes. Flange plate. DIMpro night economy feature.
NOTE: When ordering, always specify your required spigot diameter.

NEW YORK 1000 Luminaire

Cast aluminium housing and PMMA luminaire enclosure. Available with 60- or 76-mm spigot for pole top or side entry mounting. Finish is DB 703. Comes with RAP LED light module and choice of S, ME or FGO optical system. Available light colours are 3000 or 4700 K (only 4700 K with FGO). Orders without or with night economy feature (DALI, StepDIM, AstroDIM).

◆ Ingress protection IP66 • ☑ Safety class II • CE

Options: Other finishes. Flange plate. DIMpro night economy feature.
NOTE: When ordering, always specify your required spigot diameter.
<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Spigot (mm)</th>
<th>Lamp</th>
<th>1 RAP</th>
<th>2 RAPs</th>
<th>32 W – 51 W</th>
<th>64 W – 102 W</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW YORK 1000 Luminaire</td>
<td>10.14201.0</td>
<td>60/76.1</td>
<td>-</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NEW YORK 700 Luminaire</td>
<td>10.14200.0</td>
<td>60/76.1</td>
<td>●</td>
<td>-</td>
<td>-</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Order No.: Article No. + Bracket Article No. + Pole Article No. + Lamp + Optical System + Light Colour + Spigot + Dimmer

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Bracket Length</th>
<th>Bracket</th>
<th>Spigot (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW YORK 250 Bracket</td>
<td>10.34200.0</td>
<td>250 mm</td>
<td>single</td>
<td>76.1</td>
</tr>
<tr>
<td>NEW YORK 250 Bracket</td>
<td>10.34201.0</td>
<td>250 mm</td>
<td>single</td>
<td>89</td>
</tr>
<tr>
<td>NEW YORK 250 Bracket</td>
<td>10.34200.2</td>
<td>250 mm</td>
<td>twin</td>
<td>76.1</td>
</tr>
<tr>
<td>NEW YORK 250 Bracket</td>
<td>10.34201.2</td>
<td>250 mm</td>
<td>twin</td>
<td>89</td>
</tr>
<tr>
<td>NEW YORK 700 Bracket</td>
<td>10.34201.2</td>
<td>250 mm</td>
<td>twin</td>
<td>89</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>MH (mm)</th>
<th>Spigot (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW YORK 4500 Pole</td>
<td>10.24201.4500</td>
<td>4500</td>
<td>76.1</td>
</tr>
<tr>
<td>NEW YORK 6000 Pole</td>
<td>10.24201.6000</td>
<td>6000</td>
<td>76.1</td>
</tr>
<tr>
<td>NEW YORK 8000 Pole</td>
<td>10.24201.8000</td>
<td>8000</td>
<td>76.1/89</td>
</tr>
</tbody>
</table>

Order No.: Pole Article No. + Spigot

Order No.: Bracket Article No.
SER A LED Lumin a ire

Die-cast aluminium luminaire housing. Clear single-pane, tempered safety glass enclosure opens without tools. Luminaire tilt adjusts to 0°, 5°, 10° or 15°. Choice of any RAL, Hess mica or Hess DB finish. Comes with RAP LED light module and choice of S, ME or FGO optical system. Available light colours are 3000 or 4700 K (only 4700 K with FGO) Order without or with night economy feature (DALI, StepDIM, AstroDIM).

Order separately: Galvanised steel, high-quality tapered Hess pole with choice of any RAL, Hess mica or Hess DB finish.
◆ Ingress protection IP66 • ♦ Safety class I • CE • 10/

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 RAP</td>
<td>32 W – 51 W</td>
<td></td>
</tr>
</tbody>
</table>

SERA 600 RAP Lumin a ire 10.19920.0

Order No.: Article No. + Wall Bracket Article No. / Pole Article No. + Bracket Article No. + Lamp + Optical System + Light Colour
**Product Name** | **Article No.** | **Bracket**
--- | --- | ---
SERA 600 Wall Bracket | 10.49900.0 | 
SERA 740 Wall Bracket | 10.49900.0 | 
SERA G 600 SINGLE Bracket | 10.39900.0 | single 
SERA G 600 TWIN Bracket | 10.39900.0 | twin 
SERA G 740 SINGLE Bracket | 10.39900.0 | single 
SERA G 740 TWIN Bracket | 10.39900.0 | twin 
SERA S 600 SINGLE Bracket | 10.39900.0 | single 
SERA S 600 TWIN Bracket | 10.39900.0 | twin 
SERA S 740 SINGLE Bracket | 10.39900.0 | single 
SERA S 740 TWIN Bracket | 10.39900.0 | twin 

Order No.: Article No.

**Product Name** | **Article No.** | **MH (mm)** | **Spigot (mm)**
--- | --- | --- | ---
SERA 10000 Pole | 10.20001.10000 | 10000 | 76.1/89 
SERA 12000 Pole | 10.20001.12000 | 12000 | 76.1/89 
SERA 4500 Pole | 10.20001.4500 | 4500 | 76.1 
SERA 6000 Pole | 10.20001.6000 | 6000 | 76.1 
SERA 8000 Pole | 10.20001.8000 | 8000 | 76.1/89

Order No.: Pole Article No. + Spigot
**LIVORNO S Luminaire**

Die-cast aluminium luminaire housing. Pole top mounting with 0° or 5° tilt. (Livorno XL also accommodates side mounting). Single-pane tempered safety glass enclosure. Choice of any RAL, Hess mica or Hess DB finish. Comes with RAP LED light module and choice of S, ME or FGO optical system. Available light colours are 3000 or 4700 K (only 4700 K with FGO) Order without or with night economy feature (DALI, StepDIM, AstroDIM).

Order separately: Galvanised steel, high-quality tapered Hess pole. Single or twin bracket. Choice of any RAL, Hess mica or Hess DB finish.

◆ Ingress protection IP66 ◆ Safety class I ◆ CE 10/

**LIVORNO XL Luminaire**

Die-cast aluminium luminaire housing. Pole top mounting with 0° or 5° tilt adjustment, or side mounting. Single-pane tempered safety glass enclosure. Choice of any RAL, Hess mica or Hess DB finish. Comes with RAP LED light module and choice of S, ME or FGO optical system. Available light colours are 3000 or 4700 K (only 4700 K with FGO) Order without or with night economy feature (DALI, StepDIM, AstroDIM).

Order separately: Galvanised steel, high-quality tapered Hess pole. Single or twin bracket. Choice of any RAL, Hess mica or Hess DB finish.

◆ Ingress protection IP66 ◆ Safety class I ◆ CE 10/
<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Spigot (mm)</th>
<th>Lamp</th>
<th>1 RAP</th>
<th>2 RAPs</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIVORNO S RAP Luminaire</td>
<td>10.14120.0</td>
<td>76.1</td>
<td>•</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>LIVORNO XL RAP Luminaire</td>
<td>10.14121.0</td>
<td>76.1/60</td>
<td>-</td>
<td>-</td>
<td>•</td>
</tr>
</tbody>
</table>

Order No.: Article No. + Bracket Article No. + Pole Article No. + Lamp + Optical System + Light Colour + Spigot + Dimmer

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Bracket Length</th>
<th>Bracket</th>
<th>Spigot (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIVORNO S 400 Bracket</td>
<td>10.34101.0</td>
<td>400 mm</td>
<td>single</td>
<td>76.1</td>
</tr>
<tr>
<td>LIVORNO S 400 Bracket</td>
<td>13.34101.2</td>
<td>400 mm</td>
<td>twin</td>
<td>76.1</td>
</tr>
<tr>
<td>LIVORNO S+XL Pole Adapter</td>
<td>10.84100.0</td>
<td></td>
<td></td>
<td>60</td>
</tr>
<tr>
<td>LIVORNO S/XL Wall Bracket</td>
<td>10.34100.1</td>
<td>250 mm</td>
<td></td>
<td>76.1</td>
</tr>
<tr>
<td>LIVORNO XL 800 Bracket</td>
<td>10.34100.0</td>
<td>800 mm</td>
<td>single</td>
<td>76.1</td>
</tr>
<tr>
<td>LIVORNO XL 800 Bracket</td>
<td>10.34100.2</td>
<td>800 mm</td>
<td>twin</td>
<td>76.1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>MH (mm)</th>
<th>Spigot (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIVORNO 4500 Pole</td>
<td>10.24100.4500</td>
<td>4500</td>
<td>76.1</td>
</tr>
<tr>
<td>LIVORNO 6000 Pole</td>
<td>10.24100.6000</td>
<td>6000</td>
<td>76.1</td>
</tr>
<tr>
<td>LIVORNO 8000 Pole</td>
<td>10.24100.8000</td>
<td>8000</td>
<td>76.1</td>
</tr>
</tbody>
</table>

Order No.: Article No.
**NOVARA OV RAP Luminaire and Bracket**

Aluminium housing and bracket. Single-pane tempered safety glass enclosure opens without tools for easy maintenance. Choice of any RAL, Hess mica or Hess DB finish. Comes with RAP LED light module and choice of S, ME or FGO optical system. Available light colours are 3000 or 4700 K (only 4700 K with FGO). Order without or with night economy feature (DALI, StepDIM, AstroDIM).

Order separately: Round high-quality Hess pole fabricated from galvanised steel. Choice of any RAL, Hess mica or Hess DB finish.

◆ Ingress protection IP65 · Safety class I · CE

---

**NOVARA OV LED Luminaire and Bracket**

Aluminium housing and bracket. Single-pane tempered safety glass enclosure opens without tools for easy maintenance. Choice of any RAL, Hess mica or Hess DB finish. Comes with LEVO modular LED light sources and choice of ME or S optical system. Light colours: 3000, 4000 or 5600 K.

Order separately: Round high-quality Hess pole fabricated from galvanised steel. Choice of any RAL, Hess mica or Hess DB finish.

◆ Ingress protection IP65 · Safety class I · CE

Options: Safety class II. Flange plate. Dimmer.
<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Bracket</th>
<th>Spigot (mm)</th>
<th>Lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LED</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>23 W</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 LEVO</td>
</tr>
<tr>
<td>NOVARA OV LED 4500 Luminaire and Bracket</td>
<td>12.16700.0</td>
<td>single</td>
<td>76.1</td>
<td>-</td>
</tr>
<tr>
<td>NOVARA OV LED 4500 Luminaire and Bracket</td>
<td>12.16700.2</td>
<td>twin</td>
<td>76.1</td>
<td>-</td>
</tr>
<tr>
<td>NOVARA OV RAP Luminaire and Bracket</td>
<td>12.16720.0</td>
<td>single</td>
<td>76.1</td>
<td>-</td>
</tr>
</tbody>
</table>

Order No.: Article No. + Pole Article No. + Lamp + Light Colour

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>MH (mm)</th>
<th>Spigot (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOVARA OV Pole</td>
<td>12.26711.4500</td>
<td>4500</td>
<td>76.1</td>
</tr>
</tbody>
</table>

Order No.: Article No.
OTHER HESS LED MODULES

LEVO 2.0

ALUMINIUM PCB
14 high-power LEDs produce light with superb quality.

MULTIPLE LENSES
The modules may be combined to serve area lighting with symmetric distributions or higher illuminance needs with minimum glare.

The versatile LEVO module satisfies the requirements of different roadway lighting classes and integrates into most pole top, pole bracket and column luminaires. The LEDs are on a replaceable PCB. A large-area optical component configured with a complex array of prisms concentrates the light and facilitates the rapid, uniform dissipation of heat produced by the LEDs, prolonging the LEDs' lifetime.
In older city sections or historic districts, modern LED design would be out of place. Hess designed a LED product resembling an incandescent bulb with such applications specifically in mind. The module's appearance and warm light colour ensure your cityscape will retain its harmony while lowering your power consumption drastically in comparison to mercury vapour lamps, which are commonly used in period or vintage luminaires.
RESIDENZA LED Luminaire

Die-cast aluminium and clear PMMA construction. Modular LED light sources with choice of S or ME optical system. Available light colours include 3000, 4000, 5600 K. Universal housing fits pole spigot diameters of 60.3 to 82.5 mm without requiring an adapter. Choice of any RAL, Hess mica or Hess DB finish.


Option: Safety class II. Pre-wiring. Dimmer. Flange plate.

Options: Safety class I · CE ·
<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Enclosure</th>
<th>Spigot (mm)</th>
<th>Lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>23 W</td>
<td>33 W</td>
<td>1 LEVO</td>
<td>1 LEVO</td>
</tr>
<tr>
<td>RESIDENZA LED Luminaire</td>
<td>10.10911.0</td>
<td>clear</td>
<td>60.3 – 82.5</td>
<td>•</td>
</tr>
</tbody>
</table>

Order No.: Article No. + Wall Bracket Article No. / Pole Article No. + Bracket Article No. + Lamp + Light Colour

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Bracket Length</th>
<th>Bracket</th>
<th>MH (mm)</th>
<th>Spigot (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDENZA Pole</td>
<td>10.20900.4000</td>
<td>4000</td>
<td>twin</td>
<td>76.1</td>
<td></td>
</tr>
<tr>
<td>RESIDENZA D Pole</td>
<td>10.20923.4000</td>
<td>500 mm</td>
<td>twin</td>
<td>4144</td>
<td>76.1</td>
</tr>
</tbody>
</table>

Order No.: Article No.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Bracket Length</th>
<th>Bracket</th>
<th>Spigot (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDENZA Bracket</td>
<td>10.30900.2</td>
<td>500 mm</td>
<td>twin</td>
<td>76.1</td>
</tr>
<tr>
<td>RESIDENZA Wall Bracket</td>
<td>10.40900.0</td>
<td>300 mm</td>
<td></td>
<td>82.5</td>
</tr>
<tr>
<td>RESIDENZA B Shield</td>
<td>99.00196.0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Order No.: Article No.
YORK Luminaire and Bracket

Cast aluminium luminaire housing and bracket. Single-pane tempered safety glass enclosure and easy access to terminal compartment in the bracket. Choice of any RAL, Hess mica or Hess DB finish. Comes with LEVO modular LED light sources and choice of ME or S optical system. Light colours: 3000, 4000, 5600 K.

Ingress protection IP66 · Safety class I · CE 10

Options: Safety class II. Flange plate. Dimmer.
YORK LED , Luminaire and Bracket
1 LEVO Module , ME Optical System , MH 4600

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Bracket</th>
<th>Lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>23 W</td>
<td>46 W</td>
<td></td>
</tr>
<tr>
<td>1 LEVO</td>
<td>2 LEVO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>YORK LED Luminaire and Bracket</td>
<td>10.14400.0</td>
<td>single</td>
<td>•</td>
</tr>
</tbody>
</table>

Order No.: Article No. + Pole Article No. + Optical System + Lamp + Light Colour

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Bracket</th>
<th>MH (mm)</th>
<th>Spigot (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>YORK Pole</td>
<td>10.24400.4600</td>
<td>single</td>
<td>4600</td>
<td>76.1</td>
</tr>
</tbody>
</table>

Order No.: Article No.
Special aluminium alloy construction with cast aluminium mount. Comes with clear or translucent, textured PMMA enclosure. Includes cLED LED module whose glass enclosure has a partial specular finish. Light colours: 3000/4000/5600 K. Choice of any Hess mica or Hess DB finish.

- Ingress protection IP54 ·  Safety class I · CE

### ALT BERLIN LED Luminaire

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Canopy Diameter / Width</th>
<th>Lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED 53 W</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>cLED</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ALT BERLIN LED Luminaire**

| Order No.: Article No. + Wall Bracket Article No. + Pole Article No. + Lamp + Clear / Translucent, Textured Enclosure + Light Colour |

### Product Name

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Article No.</th>
<th>Bracket</th>
<th>MH (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALT BERLIN Pole</td>
<td>20.21000.3630</td>
<td>single</td>
<td>3630</td>
</tr>
<tr>
<td>ALT BERLIN Pole</td>
<td>20.21000.4040</td>
<td>single</td>
<td>4040</td>
</tr>
<tr>
<td>ALT CELLE 610 Wall Bracket</td>
<td>20.40100.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ALT CELLE 800 Wall Bracket</td>
<td>20.41800.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ALT FRANKFURT 740 Wall Bracket</td>
<td>20.42300.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ALT KARLSRUHE Pole</td>
<td>20.31102.0</td>
<td>twin</td>
<td>3545</td>
</tr>
<tr>
<td>ALT KARLSRUHE Pole</td>
<td>20.31104.0</td>
<td>quad</td>
<td>3545</td>
</tr>
</tbody>
</table>

**Order No.: Article No.**
Hess AG
Form + Licht
Lantwattenstraße 22
78050 Villingen-Schwenningen
Germany
Tel.: + 49 7721 920-0
E-mail: info@hess.eu
www.hess.eu