

CITY ELEMENTS

Lighting and Other Functions



.hess

More than just a luminaire.

CITY ELEMENTS, a comprehensive lighting system, answers virtually every urban lighting need and even more.

Proportionate to its surroundings.

Thanks to the variety and versatility of its elements, two diameters and up-to-9-metre height, the system easily configures to match its specific architectural environment proportionately.

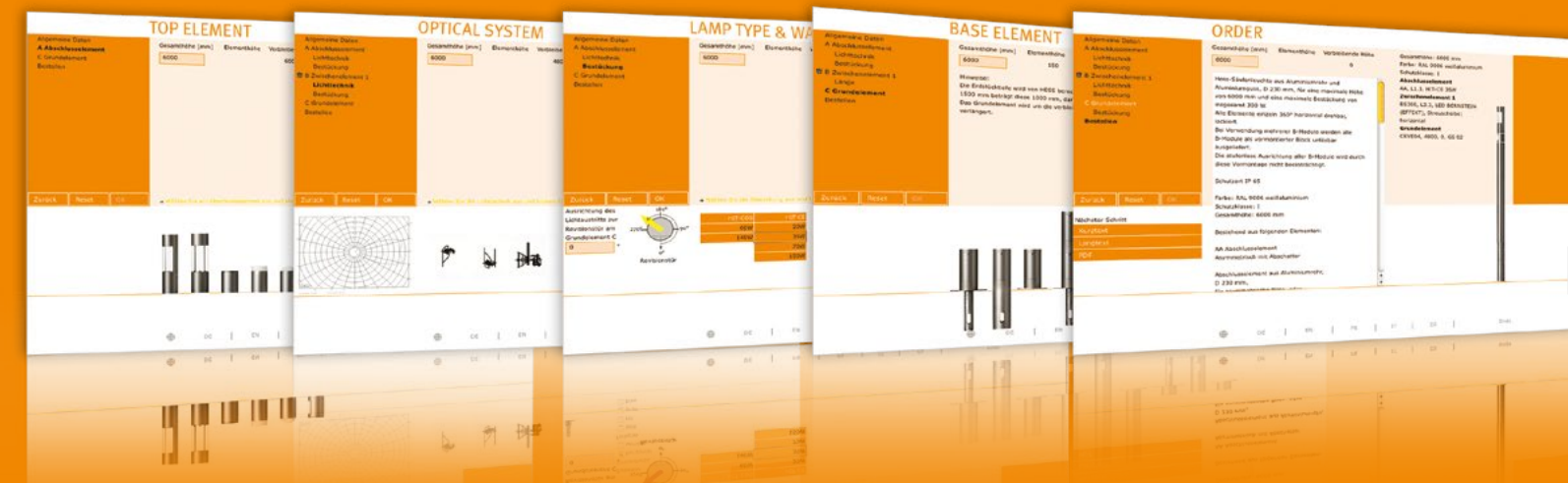
A holistic solution for cities.

The CITY ELEMENTS product family's diversity, however, goes beyond just lighting, offering architects and planners an ideal means to place public utilities, such as WLAN, electricity, water, CCTV systems, etc., exactly where they're needed. The potential is unlimited!

CONFIGURATOR: www.hess.eu/3400

CITY ELEMENTS CONFIGURATOR

Architects, lighting designers, cities, utilities and decision-makers can put together their own CITY ELEMENTS at hess.eu/3400.



SELECT THE ELEMENTS AND PUT THEM TOGETHER.

With the CITY ELEMENTS Configurator, you can select and combine the various elements and lighting technology based on your specific requirements.

CONFIGURE – PRINT PDF – ORDER YOUR LUMINAIRE

Once you have configured your own CITY ELEMENTS system, you can download a PDF with the data and order the system direct from Hess.

CITY ELEMENTS – THE LIGHTING SYSTEM

Configure your own CITY ELEMENTS system at
www.hess.eu/3400





1

Optimum integration in both modern and older architectural settings.

2

Two diameters, various column heights and configurable with multiple and varied optical systems.

3

Extremely efficient due to high-efficacy electronic components and optics.

4

Ideal for numerous lighting and utility functions, including water, power, CCTV systems, projectors, RGB, E-Car charging station, public address speakers, WLAN, etc.

AREA LIGHTING

FACADE LIGHTING

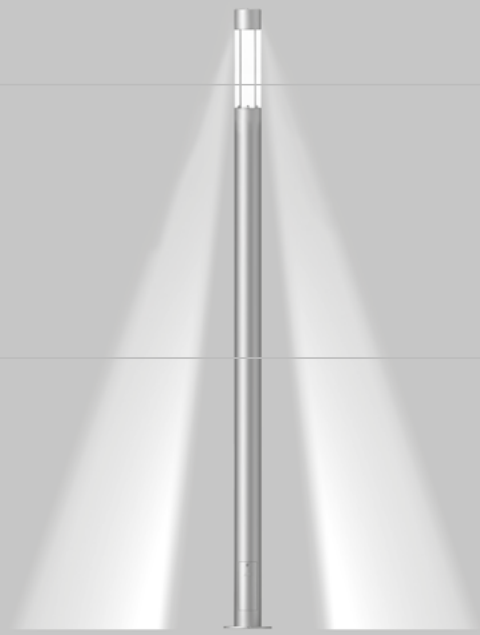
WALKWAY LIGHTING

STREET LIGHTING

ACCENT LIGHTING

POWER AND WATER SUPPLY

SECURITY



CITY ELEMENTS 230

Area lighting



CITY ELEMENTS 230

Street lighting
and camera element



CITY ELEMENTS 230

Street and
facade illumination



CITY ELEMENTS 230

Street lighting and
projector element



CITY ELEMENTS 180

Street and
facade illumination



CITY ELEMENTS 180

Illuminating bollard for walkway
illumination

CITY ELEMENTS – BE CREATIVE!

With Hess' CITY ELEMENTS, both your creativity and the column's future uses are free to develop, as need dictates – now and in the future. CITY ELEMENTS delivers more than unlimited lighting potential, adding many useful functions and expanding your creative repertoire.

Light and multifunctionality.

1 Light & Communication: configure the columns with displays showing time, date, temperature, etc.


2 Security solutions

3 Pay terminals for parking, etc.

4 Emergency or taxi phone

5 Colour coded identifier top lights

6 E-mobility charging infrastructure

CONTROL EQUIPMENT 

LIGHT MANAGEMENT 

SENSOR TECHNOLOGY 

WLAN 

E-MOBILITY 

POWER SUPPLY 

WATER SUPPLY 

PROJECTION GOBO 

SECURITY / CAMERA 

SPEAKER 

DISPLAY 

CITY ELEMENTS EVOKE
EMOTION

The ability to customise the colour scheme of illuminating columns can intensify emotions. Colour is a powerful design element. Colour adds character and is a truly urban element. Which makes colour a CITY ELEMENT.

Which colour will you choose?

CITY ELEMENTS by Hess. Maximum multifunctionality.

Dark Blue

Hess Lime

Metallic Red

White Aluminium

Hess Cream

Metallic Blue

DB 703

CITY ELEMENTS

With common tools and minimum effort, CITY ELEMENTS, like building blocks, quickly and easily ...

assemble, expand, reduce and retrofit.

All elements come pre-assembled upon request. The infinite adjustment of the elements remains unaffected by pre-assembly.

CITY ELEMENTS by Hess – the lighting system.

SUPPLY

The base elements may also serve as power or water subdistribution.

DESIGN

Optional spread lenses or shielding may be added.

LAMPING

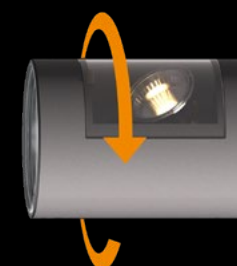
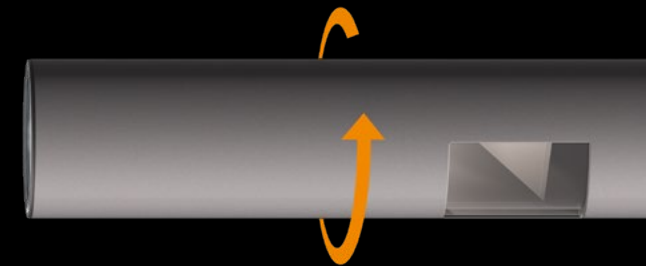
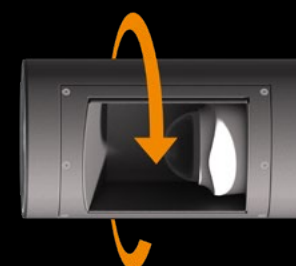
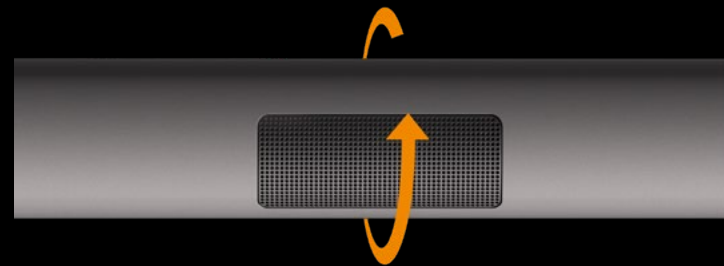
Lamping and relamping possible via access doors in the intermediate elements or from above in the top elements.

PIVOTING

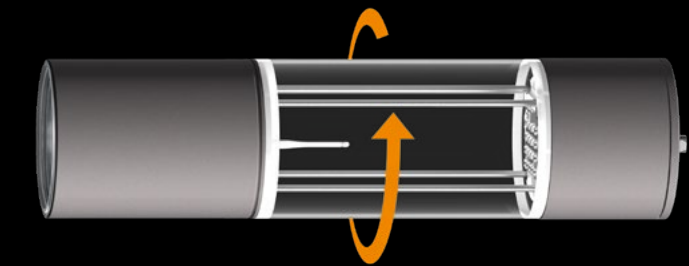
All of the top and intermediate elements turn with the assistance of an inner mechanism through 360° on their vertical axes to provide the required adjustment.



BASE ELEMENT



INTERMEDIATE ELEMENT



TOP ELEMENT



CITY ELEMENTS and DALVIK – the perfect combination

The CITY ELEMENTS stand for the most diverse multifunctionality – and that at its best. Due to the impressive combination of the illuminating column with the DALVIK S luminaire, the CITY ELEMENTS offer even more possibilities for holistic lighting solutions.

CITY ELEMENTS and DALVIK – for holistic lighting
and infrastructure solutions.



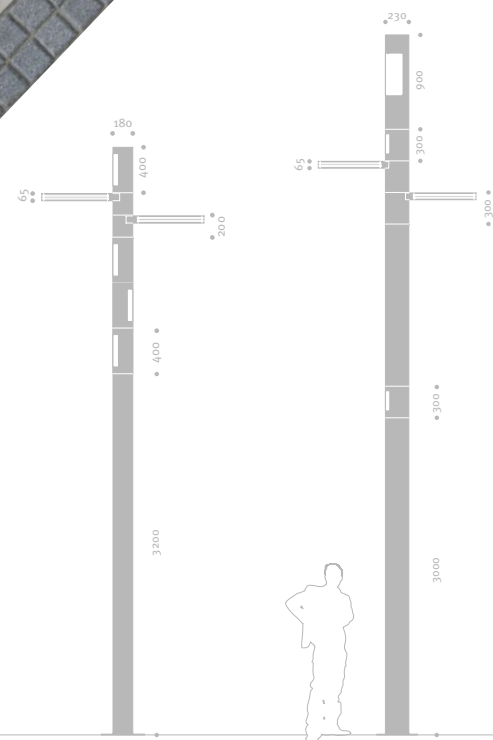
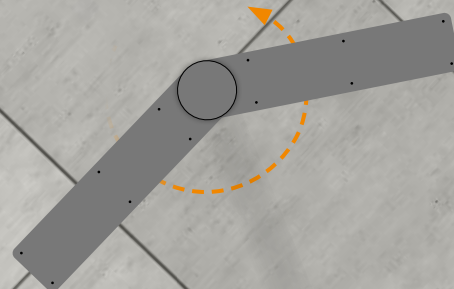
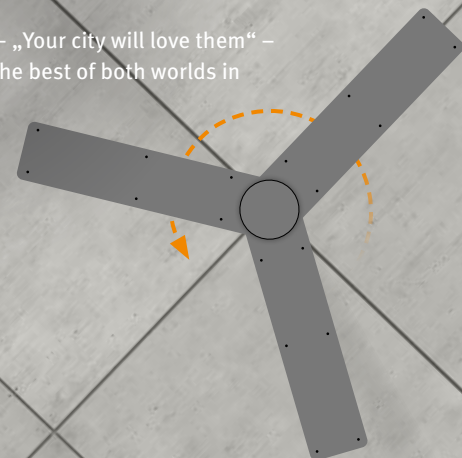
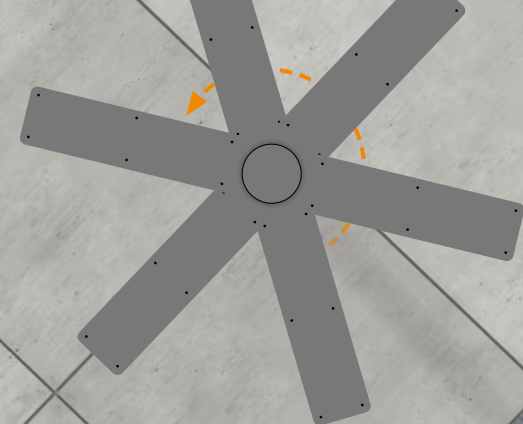
www.hess.eu/dalvik



CITY ELEMENTS and DALVIK the perfect combination

As a result of the connection of the DALVIK S to the CITY ELEMENTS, its lighting technology becomes more flexible and versatile and thus offers architects, planners and lighting designers an even broader spectrum of applications – and simultaneously, a highly attractive appearance.

Reflecting the DALVIK slogan – „Your city will love them“ – CITY ELEMENTS incorporates the best of both worlds in this configuration – namely maximum multifunctionality and the best lighting.



CITY ELEMENTS 180 (max. 6m)

CITY ELEMENTS 230 (max. 9m)

Featuring 2 diameters, the CITY ELEMENTS are adaptable to every surrounding and every requirement.

CITY ELEMENTS 180 with DALVIK S

In combination with the DALVIK S, the CITY ELEMENTS 180 is designed for heights of up to 6 meters. The 180 model can be fitted with up to 3 DALVIK S luminaire heads.

CITY ELEMENTS 230 with DALVIK S

In combination with the DALVIK S, the CITY ELEMENTS 230 is designed for heights even up to 9 meters. The 230 model can also be fitted with up to 6 DALVIK S luminaire heads.

TECHNICALLY FLEXIBLE – ENTIRELY ACCORDING TO YOUR NEEDS

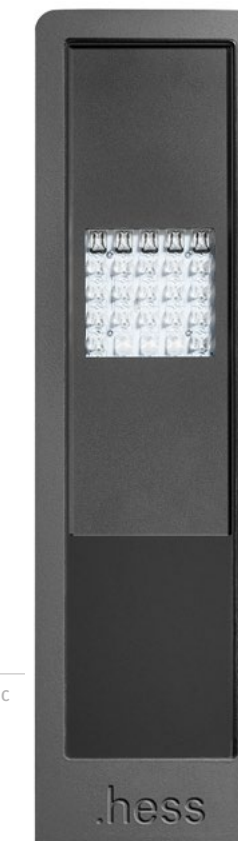
A choice of 1 to 3 LEVO Q modules, each providing a system capacity of 30 watts, can be fitted with the DALVIK S. The modules are available with asymmetrical as well as rotationally symmetrical optics.

Cluster optics of polymethyl methacrylate (PMMA) thereby ensures optimum light control. For need-based control of light, the DALVIK can of course be coupled with various Hess control systems that enable an individual and intelligent control.

The light colours 3000 K, 4000 K and, upon request, 5600 K are available.

CITY ELEMENTS and DALVIK – the best light!

1 x LEVO Q asymmetric



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3 x LEVO Q rotationally symmetric

GRIVEN and Hess – Lighting solutions par excellence

GRIVEN and Hess offer an impressive and virtually unique product and solution portfolio:

From sophisticated architectural solutions to holistic concepts for the design of urban spaces.

Attractive outdoor areas, impressive buildings and an outstanding lighting and luminaire design are playing an increasingly important role in public spaces as well as in the private and commercial sector. For cities and municipalities, industry and private sectors, light is proving to be an important instrument in staging areas and features attractively and with presence.

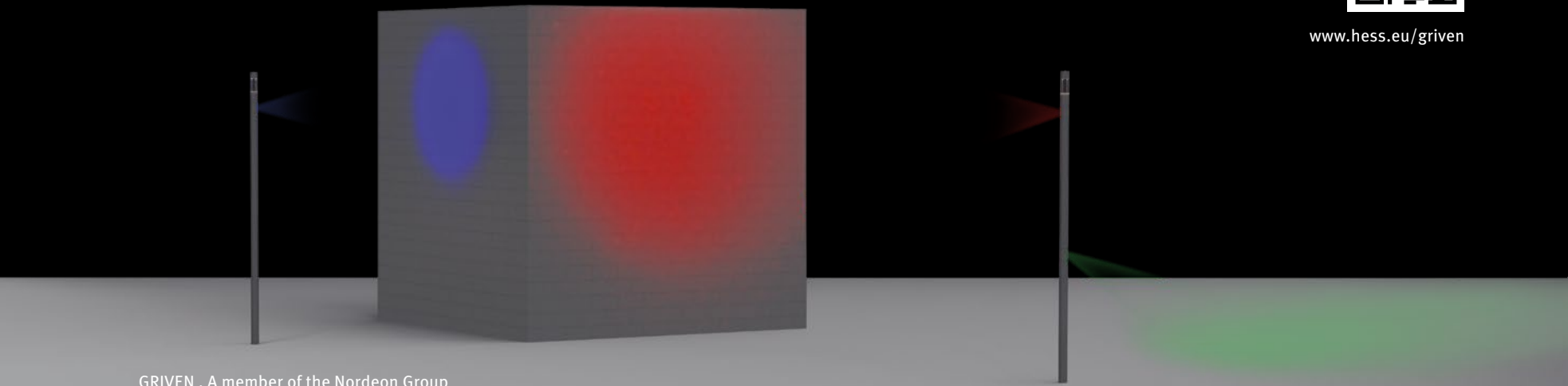
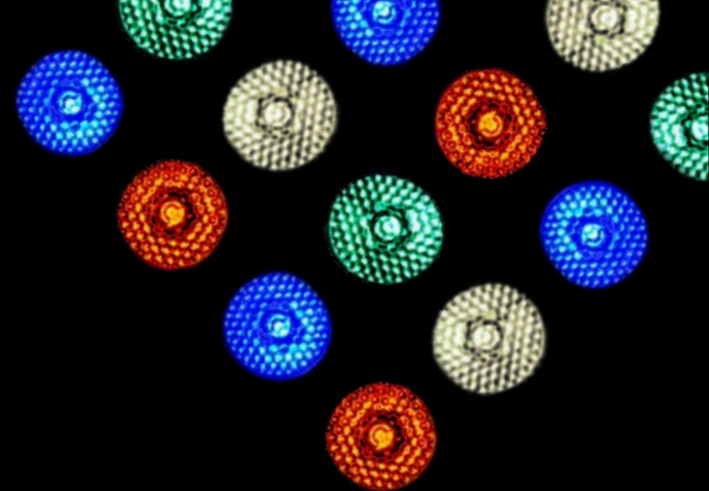
GRIVEN and Hess offer the complete spectrum, to enable attractive and special lighting scenarios to become a reality, whether they are spectacular or conservative, multi-coloured or white. Attractiveness at night; and also during the day. With their high design aesthetics Hess luminaires set accents during the night and become design features themselves during the day.

Architects, planners, lighting designers, municipal decision-makers and building owners are offered products and solutions for different requirements – anything from a single source to many and with comprehensive consulting and project support from the Hess and Griven team.

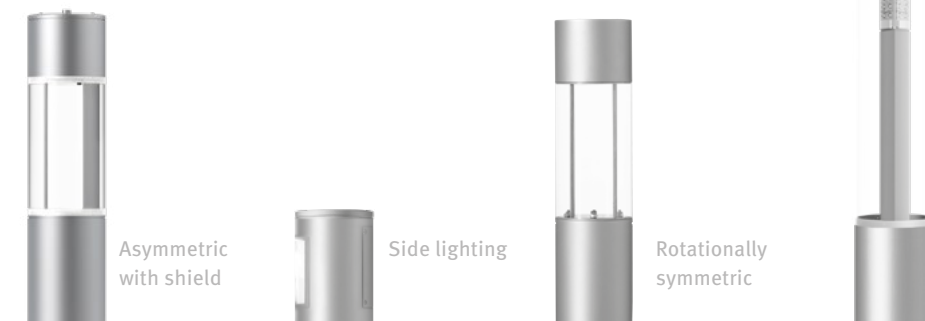
GRIVEN and Hess – the perfect combination.



www.hess.eu/griven



TOP ELEMENT

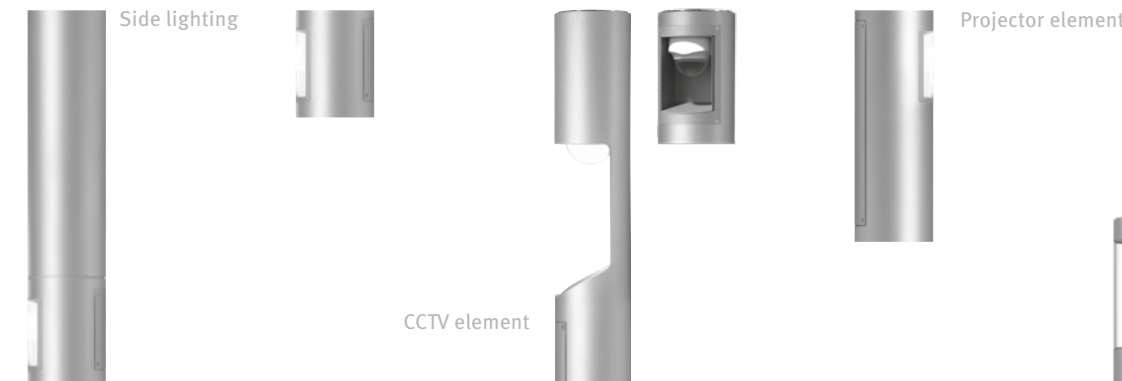


Asymmetric with shield

Side lighting

Rotationally symmetric

INTERMEDIATE ELEMENT



Side lighting

CCTV element

Projector element

Illuminating bollard
ø 180 mm

BASE ELEMENT



Mount via welded-on flange. Separate, galvanised steel embedded base.

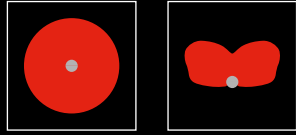
Anchor via integral embedded base

Access door or utilities element

L1

OPTICAL SYSTEM 1 downwards

L1.8 / LEVO Q

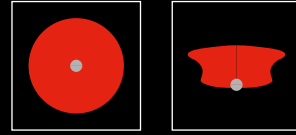


rot. sym.

asym.

LED module for asym. & sym.
street-, area- oder walkway lighting

L1.9 / LEVO3



rot. sym.

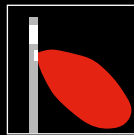
asym.

LED module for asym. & sym.
street-, area- oder walkway lighting

L3

OPTICAL SYSTEM 3 lateral

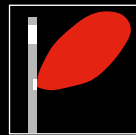
L3.1



Asym. reflector, downward wide distr. area/
walkway lighting

LED

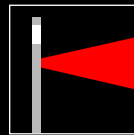
L3.2



Asym. reflector, upward for
facade lighting

LED

L3.3



Rot. sym. spot for facade lighting

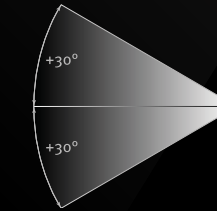
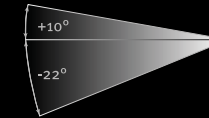
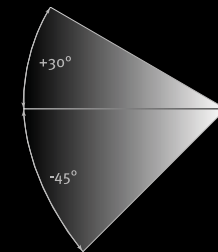
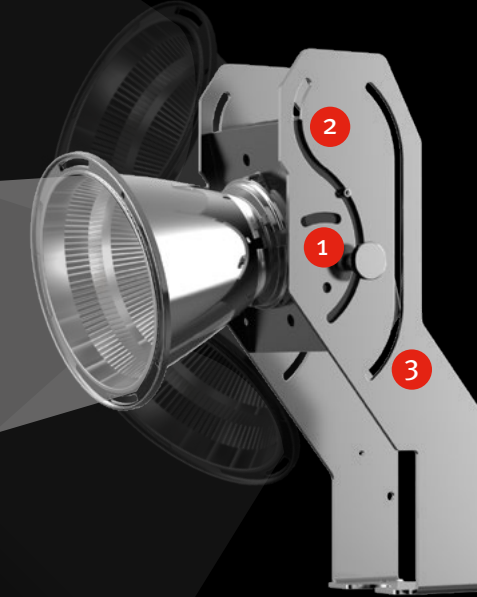
LED

Illuminating with CITY ELEMENTS

The lighting technologies are used in the CITY ELEMENTS 180 as well as in the CITY ELEMENTS 230. Concretely, they are used in the AS and BS elements AS/BS300 (Ø 230 mm) and AS/BS400 (Ø 180 mm), as well as the BHS 600+x element (Ø 230 mm).

The electrical equipment of the CITY ELEMENTS illuminating elements enables architects and planners to use various ways of distributing light, whether in a way that is rotationally symmetric or asymmetric. Now, they can take advantage of the different tracks to optimally adjust the setting angle within an element.

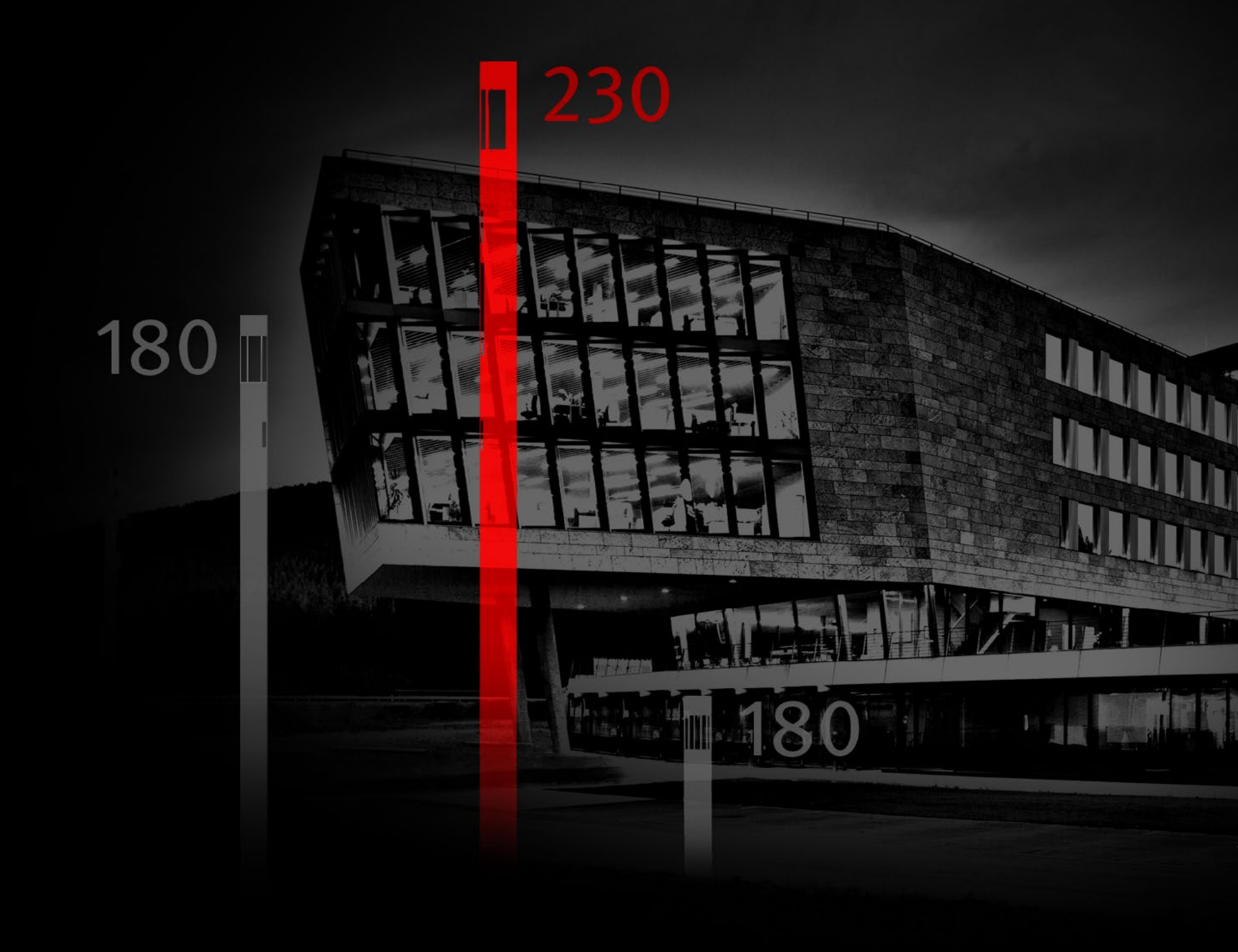
Via the different tracks (1 2 3), the maximum use of the setting angle within the housing is ensured for each lighting technology. The optimal track for each lighting technology is determined and already installed upon delivery. Subsequent changes on site are possible.



1 L3.1 | asym. downwards
L3.3 | rotationally symmetric
(Reflector 14° | 18° | 28° | 46°)

2 L3.2 | asym. upwards

3 For project solutions upon request, for example for large reflectors, or more narrow beam reflectors



CITY ELEMENTS 230

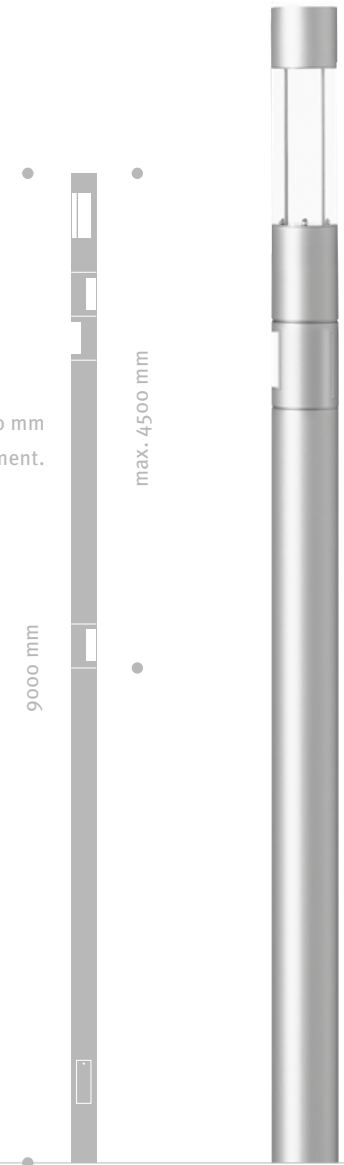


Product information
www.hess.eu/3400

Hess columnar lighting system with top, base and, if required, intermediate extension elements. Constructed from round aluminium section. 230 mm diameter, for a maximum height of 9 m. All of the elements pivot through 360°. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

If the total height is 6000 mm, a 800-mm embedded base is necessary. For a total height of 9000 mm, the embedded base required length is 1200-mm.

From Base Element connection max. 4500 mm
until ending of Top Element.



CITY ELEMENTS 230 AA Top Element

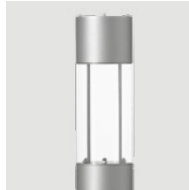


Aluminium and PMMA housing construction with 230-mm diameter, 900-mm length and 120° shielding. Element is for asymmetric area or street lighting.
Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

◆💧💧 Ingress protection IP65 · Safety class I or II · CE

Options: Night economy feature with or without control lead. DALI dimming and special forms. Anti-glare enclosure.

CITY ELEMENTS 230 AR Top Element



Aluminium and PMMA housing construction with 230-mm diameter, 900-mm length. Includes optical system for rotationally symmetric area or street lighting.
Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

◆💧💧 Ingress protection IP65 · Safety class I or II · CE

Options: Night economy feature with or without control lead. DALI dimming and special forms. Anti-glare enclosure.

CITY ELEMENTS 230 AR Top Element



Aluminium and PMMA housing construction with 230-mm diameter, 1400-mm length. Includes optical system for rotationally symmetric area or street lighting.
Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

◆💧💧 Ingress protection IP65 · Safety class I or II · CE

Options: Night economy feature with or without control lead. DALI dimming and special forms.

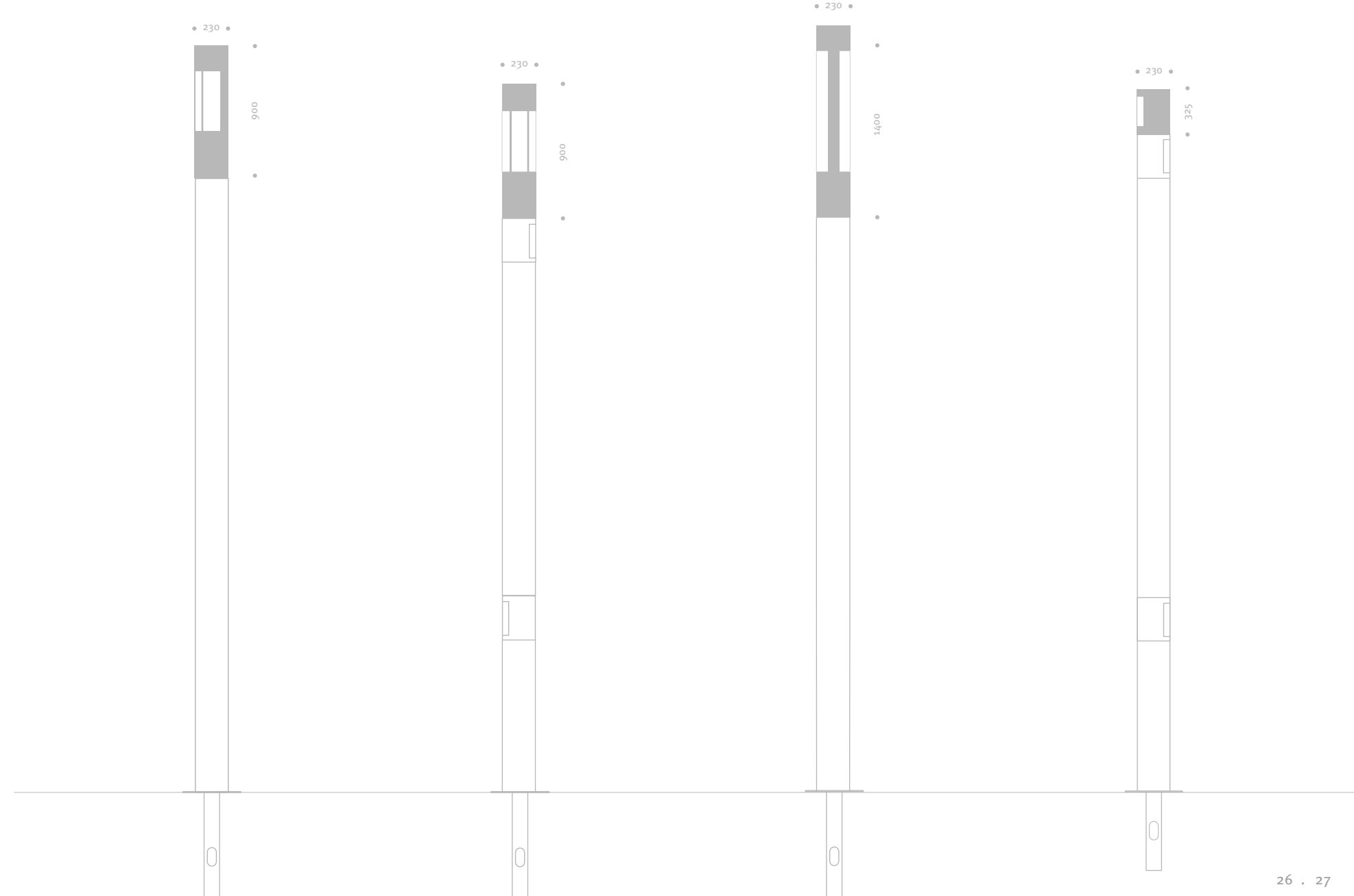
CITY ELEMENTS 230 AS Top Element



Cast aluminium housing with 230-mm diameter, 325-mm length, access hatch and clear mineral glass side enclosure.
Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

◆💧💧 Ingress protection IP65 · Safety class I or II · CE

Options: Spread lens.



CITY ELEMENTS 230 BS300 Intermediate Element



230-mm diameter aluminium housing with clear mineral glass side enclosure, side access hatch and 300-mm length.
 Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.
 ♦️💧💧 Ingress protection IP65 · Safety class I or II · CE

Options: Spread lens.

CITY ELEMENTS 230 BK400 Intermediate Element



Constructed from round aluminium section, ready to accommodate a SONY SNC XM637 camera or comparable.
 Camera field of view is 120° and the element's length is 400 mm.
 Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.
 ♦️💧💧 Ingress protection IP65 · CE

CITY ELEMENTS 230 BK1500 Intermediate Element



Constructed from round aluminium section, ready to accommodate a Bosch AutoDome 7000 Series Intelligence PTZ camera or comparable.
 Camera field of view is 240° and the element's length is 1500 mm.
 Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.
 ♦️💧💧 Ingress protection IP65 · CE

NOTE: Only mounts to CRK base element. No other BS Elements possible below. 900 mm can be positioned above.

CITY ELEMENTS 230 BPR Intermediate Element



Intermediate projector element for facade or ground display includes extra long access hatch for added convenience, projector unit, customer-specified gobo motif.
 Length is 900 mm and diameter is 230 mm.
 Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.
 ♦️💧💧 Ingress protection IP65 · Safety class I or II · CE

NOTE: May be used with AR or AA top elements. Planning configuration and combining of the projector elements only with Hess' assistance.

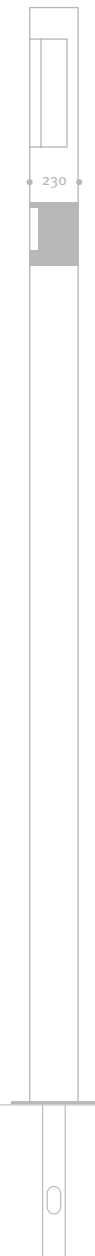
CITY ELEMENTS 230 BHS Intermediate Element



230-mm diameter aluminium housing with clear mineral glass side enclosure. Customer-specified lengths must exceed minimum of 600 mm and are to span the height required to reach the top element's specified mounting height.
 Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.
 ♦️💧💧 Ingress protection IP65 · Safety class I or II · CE

Options: Element extensions in 300-mm increments. Spread lens.
 NOTE: Symmetric and asymmetric reflectors available for LED.

230 BS 300 Intermediate Element



230 BK 400 Intermediate Element



230 BK 1500 Intermediate Element



230 BHS Intermediate Element



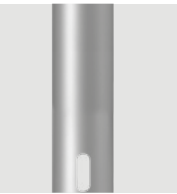
CITY ELEMENTS 230 CR 04 Base Element



Constructed from 230-mm diameter round aluminium section and comes with access opening and C-channel to accommodate junction box provided by others. Element length is minimum 2100 mm above grade. Attaches on the exterior via welded-on flange. Fits to separate galvanised steel embedded base CR 02. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

Options: Base element extensions in 100-mm increments. Fitting for Christmas lighting.

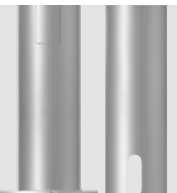
CITY ELEMENTS 230 CR03 Base Element



Constructed from 230-mm diameter round aluminium section and comes with access opening and C-channel to accommodate junction box provided by others. Element length is minimum 2100 mm above grade. Anchors via integral embedded base. Embedded base length may be 800 or 1200 mm, depending on specific static requirements. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

Options: Base element extensions in 100-mm increments. Fitting for Christmas lighting.

CITY ELEMENTS 230 CRVE/CRVW 04 + 03 Base Element



Constructed from 230-mm diameter round aluminium section. Comes with access opening for a junction box provided by others and a door for the supply unit. Element length is min. 2100 mm above grade, painted. Attaches on the exterior via welded-on flange with CRV 02/04. Separate galvanised steel embedded base. Anchors via integral embedded base with CRV. Embedded base length: 800 or 1200 mm depending on static load requirements according to the total height of the column. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

* Power supply with CRVE: Door with cable outlet and safety lock for second access door. Operation with closed door.

Options: Base element extensions in 100-mm increments. Fitting for Christmas lighting.

CITY ELEMENTS 230 CRK 04 Base Element



Constructed from 230-mm diameter round aluminium section. For a total column height of 9000 mm. The element height is customer specific, however, min. 2500 mm, painted. With cable routing for the camera element. Comes with access opening for a junction box provided by others. Attaches on the exterior via welded-on flange. Fits to separate galvanised steel embedded base CRK 02. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

Options: Base element extensions in 100-mm increments.

CITY ELEMENTS 230 CRK 03 Base Element



Constructed from 230-mm diameter round aluminium section. For a total column height of 9000 mm. The element height is customer specific, however, min. 2500 mm, painted. With cable routing for the camera element. Comes with access opening for a junction box provided by others. Anchors via integral embedded base. Embedded base length may be 800 or 1200 mm, depending on specific static requirements. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

Options: Base element extensions in 100-mm increments.

CITY ELEMENTS 230 Separate Order Item: CR02/CRV02/CRK02 Embedded Base



Separate galvanised steel embedded base for 230 CR04/CRV04/CRK04. Includes bolts for mounting and two cable openings.

230 CR₀₄ Base Element

230 CRV₀₄ Base Element

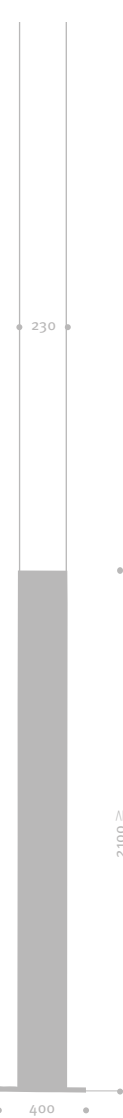
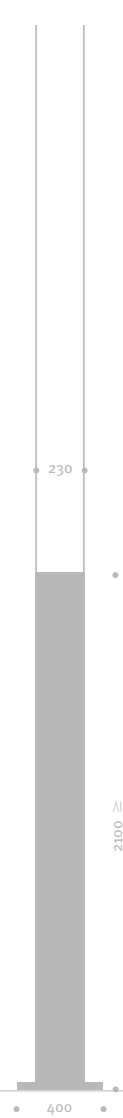
230 CRK₀₄ Base Element

CR_{02/04} Base Element

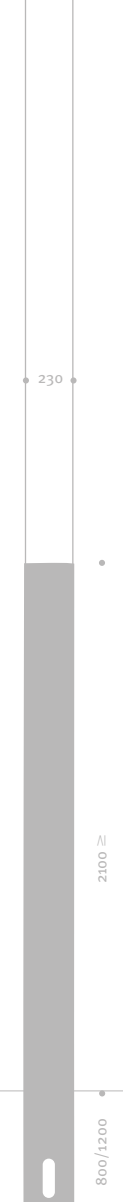
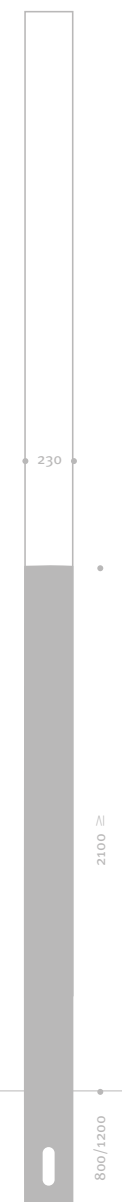
230 CR₀₃ Base Element

230 CRV₀₃ Base Element

230 CRK₀₃ Base Element



230 CR₀₂/CRV₀₂/CRK₀₂
Embedded Base





CITY ELEMENTS 180



Product information
www.hess.eu/3400

Hess columnar lighting system with top, base and, if required, intermediate elements. Constructed from 180-mm round aluminium section for a maximum length of 6000 mm and a maximum total wattage of 300 W. All elements horizontally pivot through 360°. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

From Base Element connection max. 2000 mm
until ending of Top Element.



CITY ELEMENTS 180 AA Top Element



Aluminium and PMMA luminaire construction with 180-mm diameter, 800-mm length and 120° shielding. Element is for asymmetric area or street lighting with shield. Does not include access hatch. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

◆💧💧 Ingress protection IP65 · Safety class I or II · CE

Options: Night economy feature with or without control lead. DALI dimming and special forms.

CITY ELEMENTS 180 AR Top Element



Aluminium and PMMA luminaire construction with 180-mm diameter and 800-mm length. Element is for rotationally symmetric area or street lighting. Does not include access hatch. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

◆💧💧 Ingress protection IP65 · Safety class I or II · CE

Options: Night economy feature with or without control lead. DALI dimming and special forms.

CITY ELEMENTS 180 AS Top Element



Aluminium housing with 180-mm diameter, 400-mm length, clear plastic side enclosure and access hatch. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

◆💧💧 Ingress protection IP65 · Safety class I or II · CE

Options: Spread lens.

CITY ELEMENTS 180 BS400 Intermediate Element



Aluminium housing with 180-mm diameter, 400-mm length, clear plastic side enclosure and access hatch. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

◆💧💧 Ingress protection IP65 · Safety class I or II · CE

Options: Spread lens.

CITY ELEMENTS 180 BK400 Intermediate Element



Constructed from round aluminium section, ready to accommodate a SONY SNC XM637 camera or comparable. Camera field of view is 120° and the element's length is 400 mm. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

◆💧💧 Ingress protection IP65 · CE

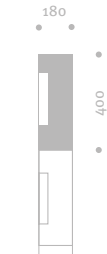
180 AA Top Element



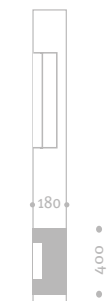
180 AR Top Element



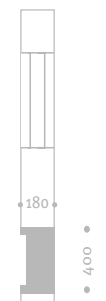
180 AS Top Element



180 BS 400 Intermediate Element



180 BK 400 Intermediate Element



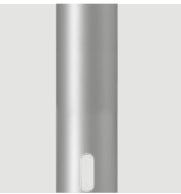
CITY ELEMENTS 180 CRo4 Base Element



180-mm round aluminium section with access opening and C-channel to accommodate junction box provided by others. Element height is minimum 2200 mm above grade. Attaches on the exterior via welded-on flange. Fits to separate galvanised steel embedded base CR 02. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

NOTE: Flange plate welded on to pole for anchoring.
Options: Base element extensions in 100-mm increments. Fitting for Christmas lighting.

CITY ELEMENTS 180 CRo3 Base Element



Constructed from 180-mm round aluminium section and suitable for columns with total above grade height of 6000 mm. Element height to be specified by customer and exceed 2200 mm. Anchors via 800-mm long separate galvanised steel embedded base with two openings for electrical cables. Includes access door and C-channel for junction box. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

NOTE: Anchors via integral embedded base
Options: Base element extensions in 100-mm increments. Fitting for Christmas lighting.

CITY ELEMENTS 180 CRVo4 Base Element

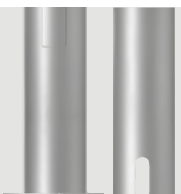


Constructed from 180-mm diameter round aluminium section. Comes with access opening for a junction box provided by others and a door for the power supply. Element height is minimum 2200 mm above grade. Attaches on the exterior via welded-on flange. Fits to separate galvanised steel embedded base CRV 02. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

* Power supply: Second access door with cable outlet and safety lock for closed door operation.

Options: Base element extensions in 100-mm increments. Fitting for Christmas lighting.

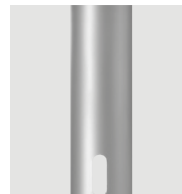
CITY ELEMENTS 180 CRKo4 + o3 Base Element



Constructed from 180-mm diameter round aluminium section. For a total column height of 6000 mm. The element height is customer specific, however, min. 2500 mm, painted. With cable routing for the camera element. Comes with access opening for a junction box provided by others. Attaches on the exterior via welded-on flange with CRK 02/04. Separate galvanised steel embedded base. Anchors via integral embedded base with CRK 03. Embedded base length: 800 mm. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

Options: Base element extensions in 100-mm increments. Fitting for Christmas lighting.

CITY ELEMENTS 180 CRVo3 Base Element



Constructed from 180-mm diameter round aluminium section. Comes with access opening for a junction box provided by others and a door for the power supply. Element height is minimum 2200 mm above grade. Anchors via integral embedded base. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

Options: Base element extensions in 100-mm increments. Fitting for Christmas lighting.

* Power supply: Second access door with cable outlet and safety lock for closed door operation.

CITY ELEMENTS 180 Separate Order Item: CR 02/CRVo2 Embedded Base



CR02/CRVo2 is a 800-mm long separate galvanised steel embedded base. Includes bolts for mounting and two cable openings. Fits to CR 04 and CRV 04, CRK 04.

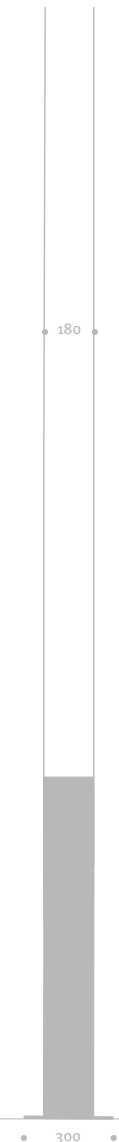
180 CRo4 Base Element



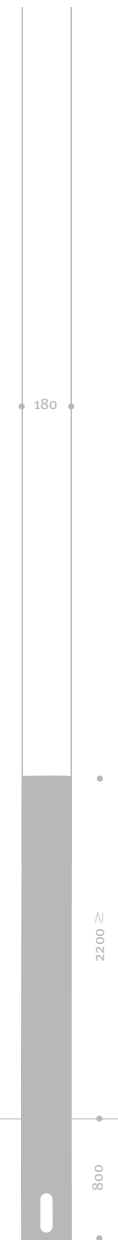
180 CRVo4 Base Element



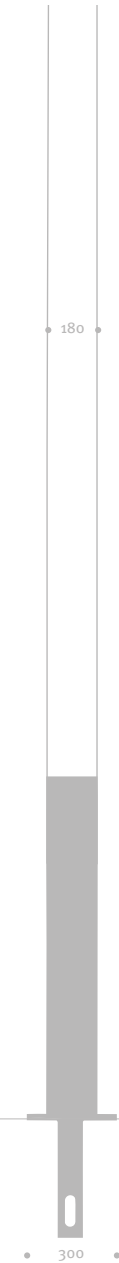
180 CRo2/CRVo2 Embedded Base



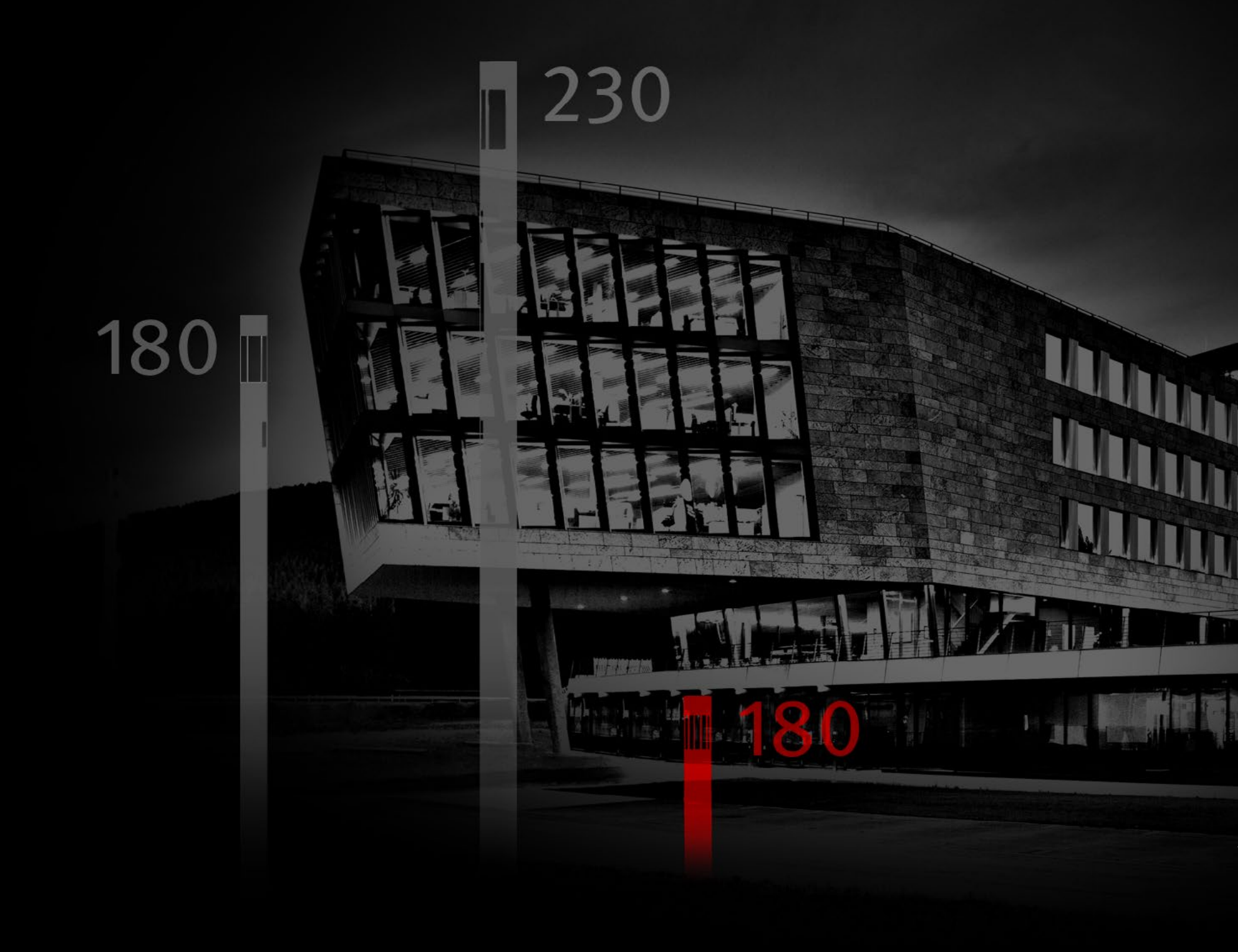
180 CRVo3 Base Element



180 CRo2/o4 Base Element



Newcastle . United Kingdom



CITY ELEMENTS 180 ILLUMINATING BOLLARD



Product information
www.hess.eu/7510

Hess illuminating bollards are comprised of a top element and a base element.
Luminaire made of aluminium tube with a \varnothing 180 mm, for a total bollard height of 1200 mm.
The elements are connected by a bayonet fitting.
Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours.
RAL pearl-mica-metallic-shades on request.



CITY ELEMENTS 180 Top element – Illuminating bollard AR + incl. motion sensor



Top element – bollard made of aluminium. Ø 180 mm, for symmetrical or asymmetrical path lighting. Luminaire glass made of polycarbonate. Element height of 380 mm. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request. Options: Motion sensor

CITY ELEMENTS 180 Base element – Illuminating bollard CR 02/04 + CR 03



Base element made of aluminium tube for a total bollard height up to 1200 mm, Ø 180 mm. With inspection door and C rail for cable junction box. Element height of 820 mm. For CR 02/04, external mounting with welded flange plate, Q200/10 mm. Separate embedded base made of steel, galvanised. For CR 03, mounting via embedded base on pole, embedded base depth 500 mm. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

CITY ELEMENTS 180 Base element – Illuminating bollard CR 02/04 + CR 03 without inspection door



Base element made of aluminium tube for a total bollard height up to 1200 mm, Ø 180 mm. Without inspection door. Element height of 820 mm. For CR 02/04, external mounting with welded flange plate, Q200/10 mm. Separate embedded base made of steel, galvanised. For CR 03, mounting via embedded base on pole, embedded base depth 500 mm. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

CITY ELEMENTS 180 Base element – Illuminating bollard CRVE 02/04 + CRVE 03



Base element made of aluminium tube for a total bollard height up to 1200 mm, Ø 180 mm. With inspection door for C-rail for cable junction box and supply unit, door with cable outlet and cylinder lock for operation with closed door. Element height of 820 mm. For CRVE 02/04, external mounting with welded flange plate, Q200/10 mm. Separate embedded base made of steel, galvanised. For CRVE 03, mounting via embedded base on pole, embedded base depth 500 mm. Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer-colours. RAL pearl-mica-metallic-shades on request.

ACCESSORIES FOR CITY ELEMENTS 180 Shielding – Illuminating bollards



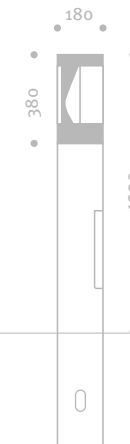
Shade for CITY ELEMENTS 180 – Illuminating bollard. For top element – Illuminating bollard AR. Made of brushed stainless steel Shade 120°. Installation inside the glass.

CITY ELEMENTS 180 Embedded base – Illuminating bollard CR 02/04 + CRVE 02/04



Separate embedded base 180 – Illuminating bollard CR 02/04 / CRVE 02/04. Made of steel, galvanized. With connecting screws. Length of embedded base 500 mm. With two cable entry openings.

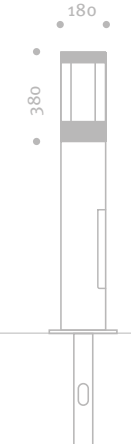
Top element –
Illuminating bollard with shade



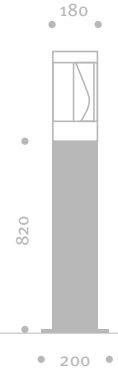
Base element –
Illuminating bollard CR 03



Top element –
Illuminating bollard AR



Base element –
Illuminating bollard CR 02/04





Hess GmbH Licht + Form
Lantwattenstraße 22
D-78050 Villingen-Schwenningen
Tel.: + 49 (0) 7721 920-0
E-Mail: info@hess.eu
www.hess.eu

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03/2020

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