

Lighting Systems

# ALDRIDGE



**OUTDOOR  
LIGHTING**



|           |     |
|-----------|-----|
| CONTENT   | 5   |
| REFERENCE | 9   |
| PRODUCTS  | 17  |
| GLOSSARY  | 103 |



# CONTENT



## LUGANO

18



## CANNES

28



## CE

50



## MAINS

74



# CONTENT



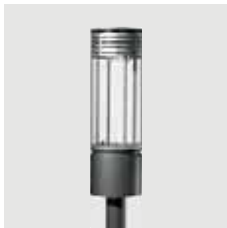
CANDIA

36



LYONS

42



MONACO

90





# REFERENCE





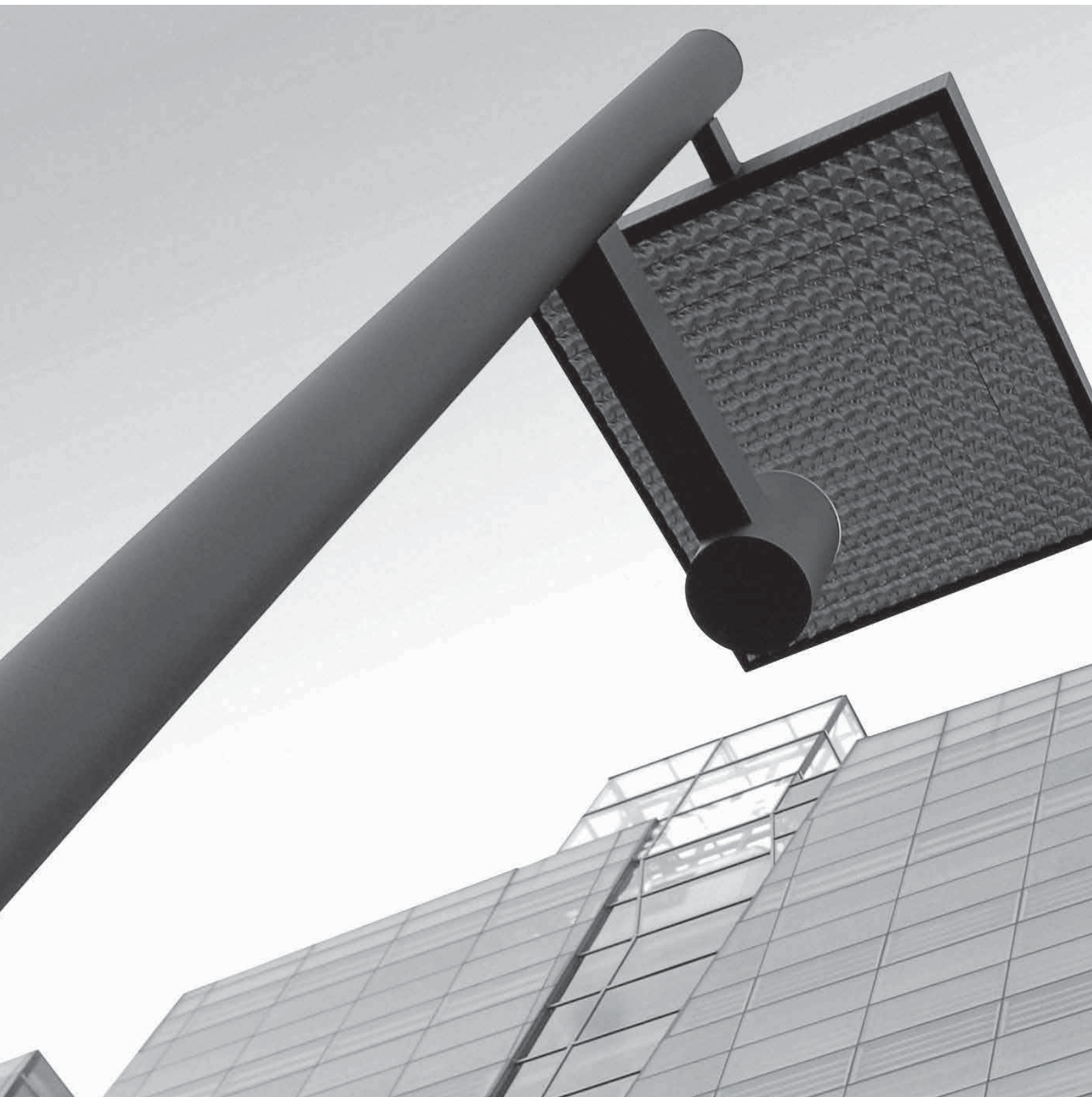












# PRODUCTS



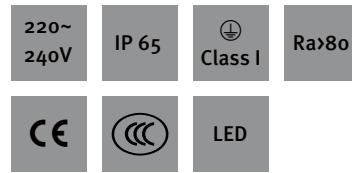


**LUGANO**





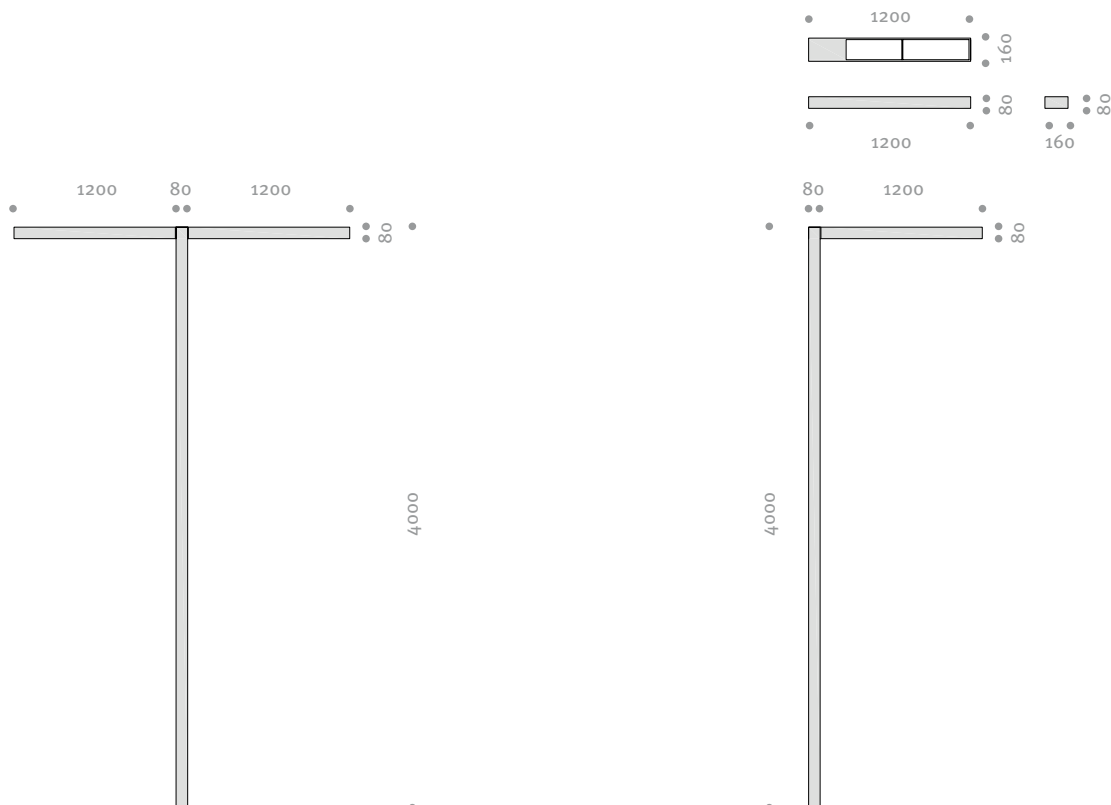
# LUGANO

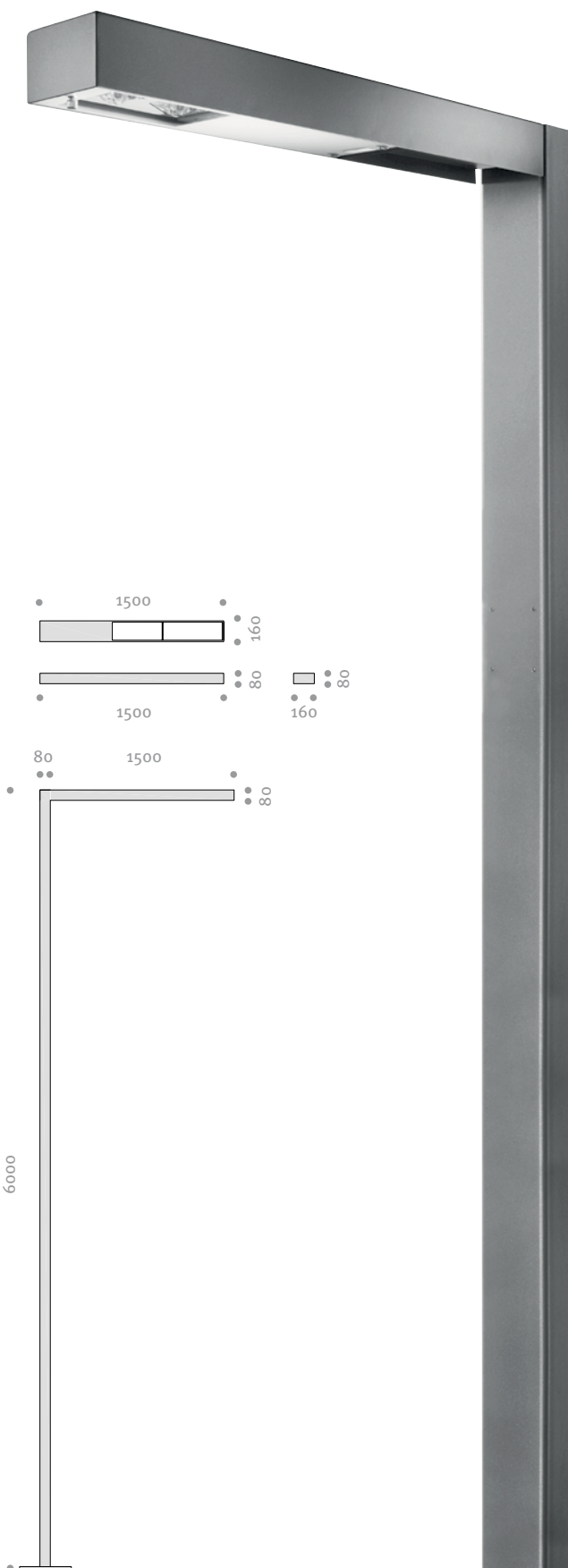
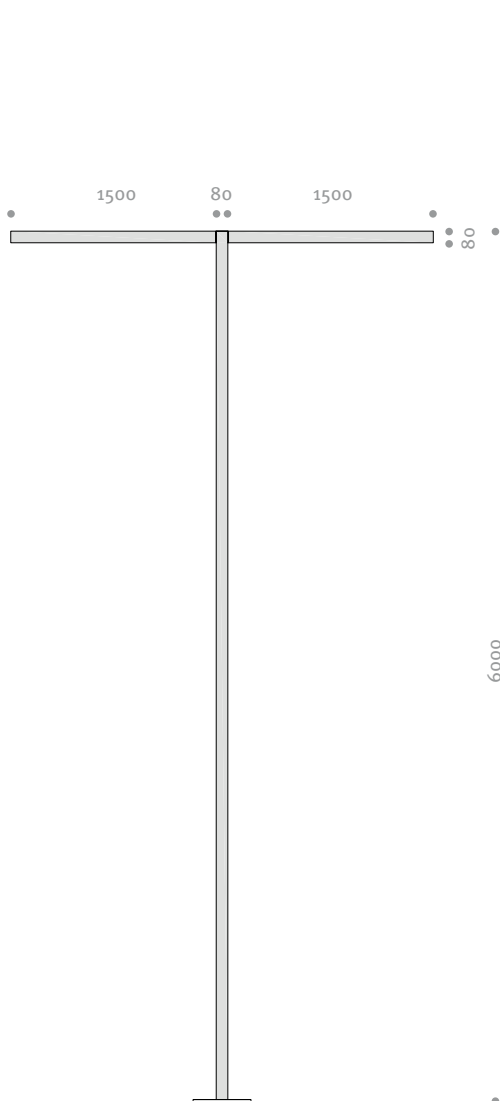


## LUGANO

- High quality road lighting product. It is suitable for road, plaza, commercial street, car park and residential area, etc.
- It features distinctly linear design qualities and exceptional versatility.
- Opens without tools for easy maintenance.
- Aluminium or stainless steel luminaire housing, electrostatic powder sprays coating, DB703 finish.
- Clear single-pane tempered safety glass enclosure.
- Options: Housing color, Class II.
- LED dimming or changing color is available upon request.

## LUGANO Product Segment







LUGANO L

LUGANO R

## LUGANO L/R

220~  
240V

IP 65

⏚  
Class I

Ra>80

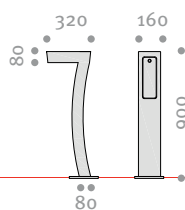
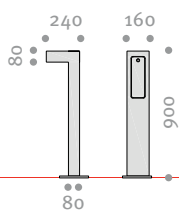
CE

CCC

LED

### LUGANO L/R

- High quality road lighting product. It is suitable for park, plaza, commercial street and residential area, etc.
- Lugano R and Lugano L are available.
- Aluminium or stainless steel luminaire housing, DB703 finish.
- Clear single-pane tempered safety glass enclosure.
- Options: Housing color, Class II.
- LED dimming or changing color is available upon request.





# LUGANO Guide

| Article No. | Product Name | Description         | Optics | Lamp |     |     |
|-------------|--------------|---------------------|--------|------|-----|-----|
|             |              |                     |        | LED  |     |     |
|             |              |                     |        | 6W   | 10W | 22W |
| 9 071 06 01 | Lugano       | With 1200mm Bracket | LED    | —    | —   | ●   |
| 9 071 06 21 | Lugano       | With 1500mm Bracket | LED    | —    | —   | ●   |
| 9 072 02 01 | Lugano R     | H: 900mm            | LED    | ●    | ●   | —   |
| 9 073 02 01 | Lugano L     | H: 900mm            | LED    | ●    | ●   | —   |

Lights Order No.: Article No. + Pole No. + Pole Height + Lamp (Colour Temperature)

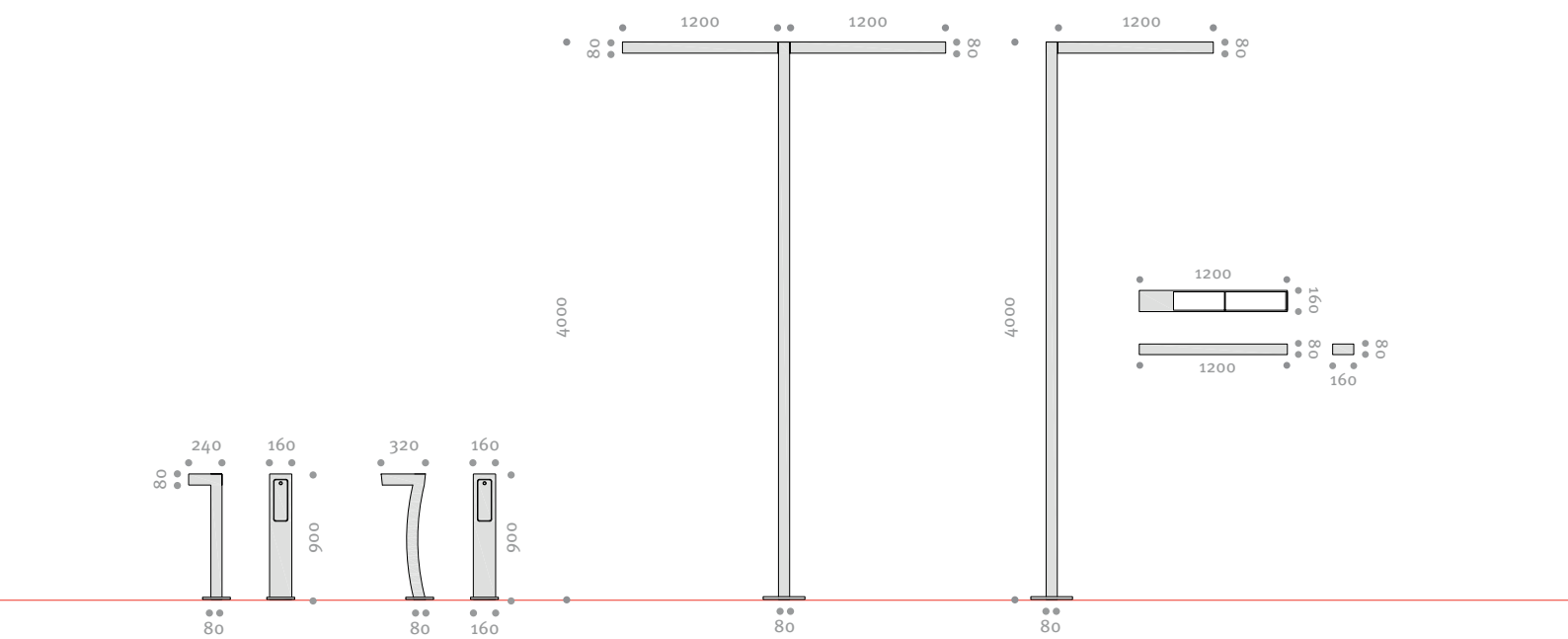
Bollard Order No.: Article No. + Lamp (Colour Temperature)



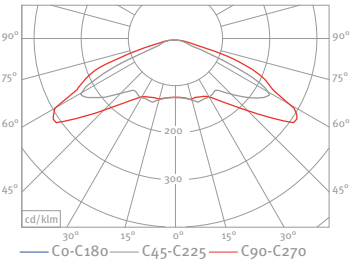
| LED |     |     |     |     |     |      |        |
|-----|-----|-----|-----|-----|-----|------|--------|
| 23W | 33W | 44W | 46W | 88W | 92W | 139W | 148.5W |
| •   | •   | •   | •   | •   | •   | •    | •      |
| •   | •   | •   | •   | •   | •   | •    | •      |
| —   | —   | —   | —   | —   | —   | —    | —      |
| —   | —   | —   | —   | —   | —   | —    | —      |



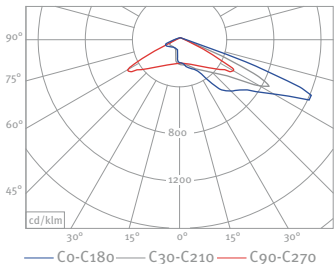
LUGANO Product Segment



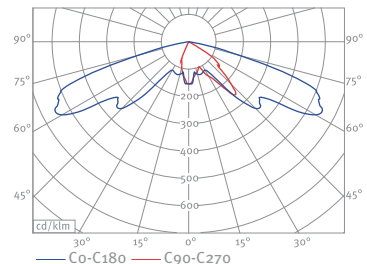
LUGANO Photometric Data



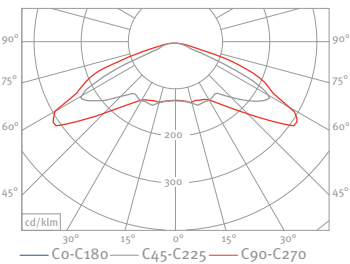
LUGANO LS-CLS 1 LED 22W



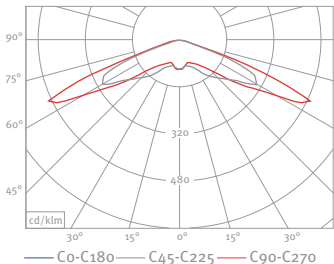
LUGANO LA-CLP 1 LED 22W



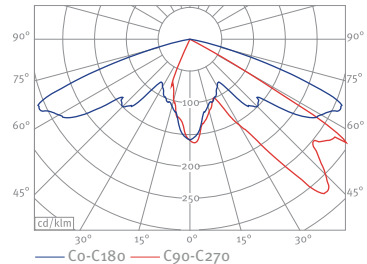
LUGANO LA-VELO S LED 23W



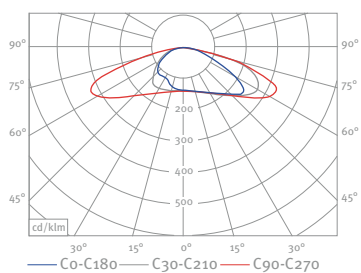
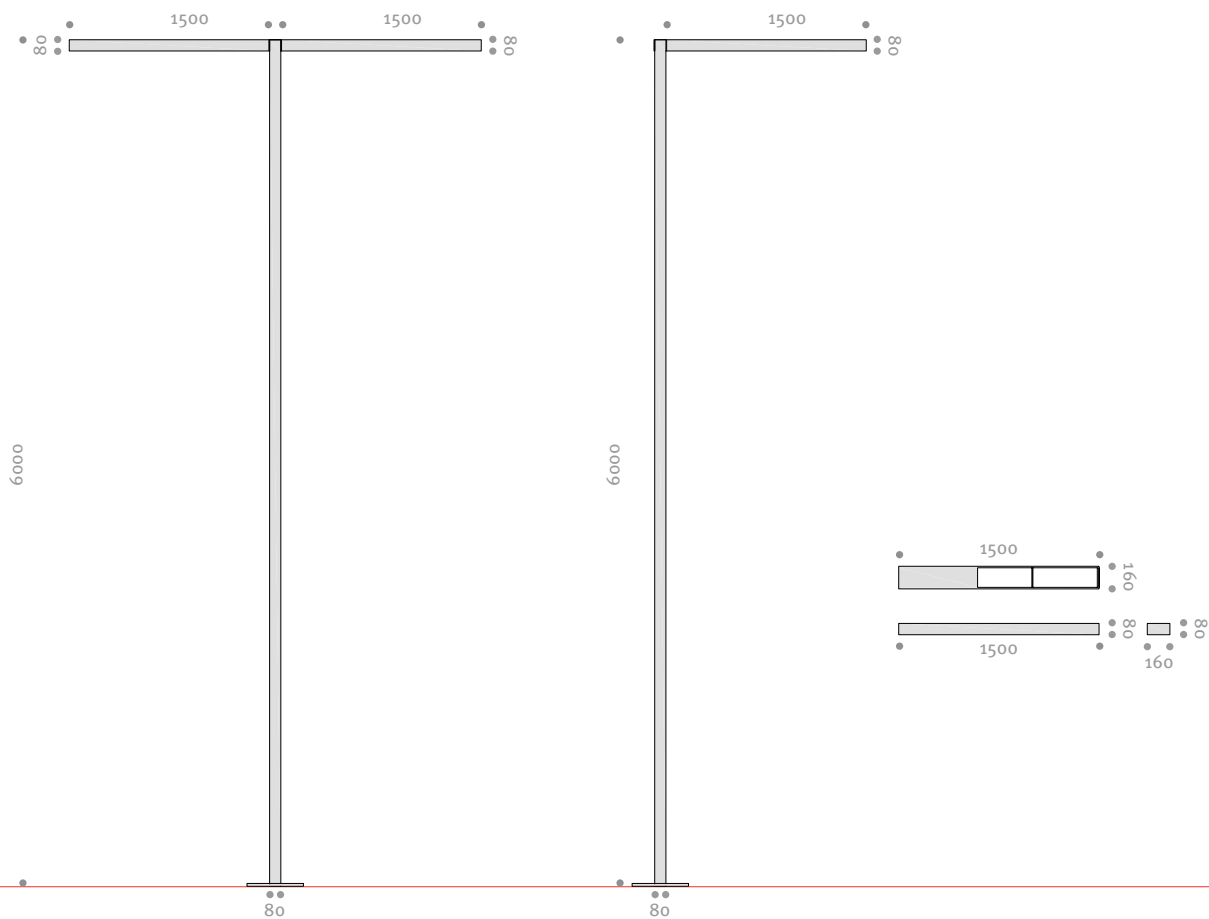
LUGANO LS-CLS 1 LED 22W



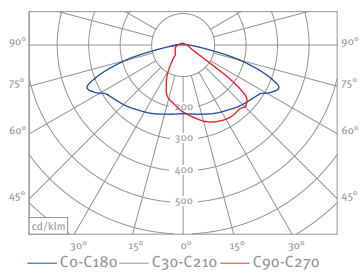
LUGANO LS-CLP 1 LED 22W



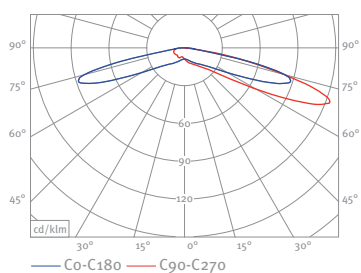
LUGANO LA-VELO M LED 23W



LUGANO LA-CLS 1 LED 22W



LUGANO LA-CLS 2 LED 22W



LUGANO LA-BR LED 10W



**CANNES**





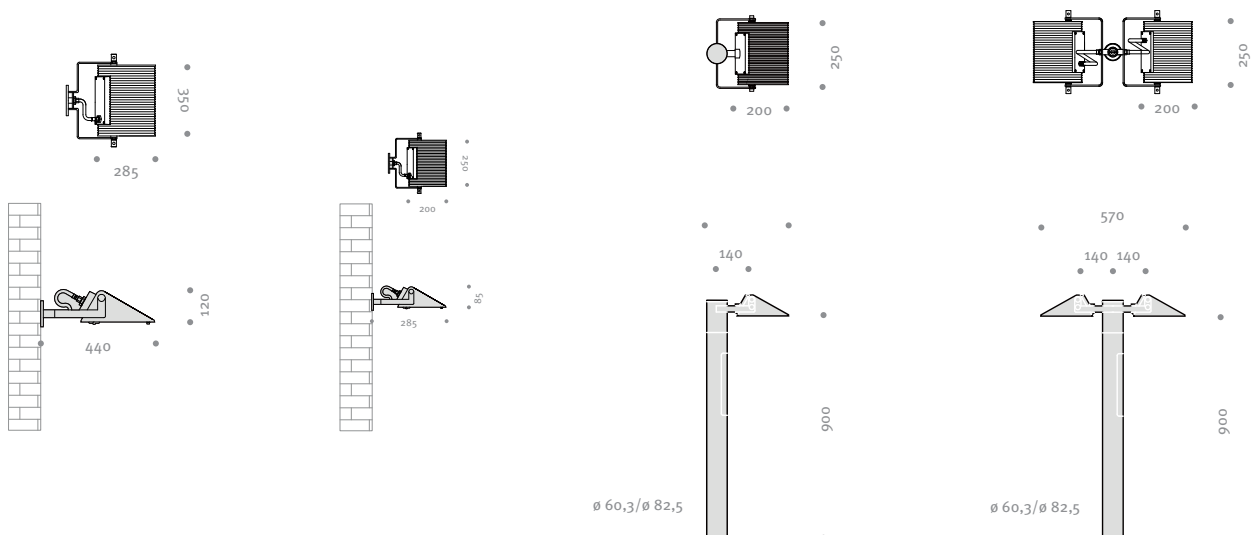
# CANNES

|              |       |              |       |
|--------------|-------|--------------|-------|
| 220~<br>240V | IP 65 | ⊕<br>Class I | Ra>80 |
| CE           | CCC   | LED          |       |

## CANNES

- High quality outdoor lighting product, it is suitable for park, plaza, commercial street and residential area, etc.
- Luminaire tilt adjusts to 0° / 10° / 20° / 30° / 40°.
- Opens without tools for easy maintenance.
- Die-cast aluminium housing, electrostatic powder sprays coating, DB703 finish.
- Clear single-pane tempered safety glass enclosure.
- Galvanized steel bracket, electrostatic powder sprays coating, DB703 finish.
- Options: Housing color, Class II.
- LED dimming or changing color is available upon request.

## CANNES Product Segment





## CANNES Guide

| Article No. | Product Name | Description                          | Optics | Lamp |      |
|-------------|--------------|--------------------------------------|--------|------|------|
|             |              |                                      |        | LED  |      |
|             |              |                                      |        | 6 W  | 10 W |
| 9 061 01 01 | Cannes S     | Housing: 250×200mm                   | LED    | ●    | ●    |
| 9 062 01 01 | Cannes M     | Housing: 350×285mm                   | LED    | ●    | ●    |
| 2 060 10 01 | Bracket      | U Bracket for wall, L: 140mm         | —      | —    | —    |
| 2 060 10 02 |              | U Bracket for wall, L: 280mm         | —      | —    | —    |
| 2 060 10 11 |              | U Bracket for pole, L: 140mm, Single | —      | —    | —    |
| 2 060 10 12 |              | U Bracket for pole, L: 140mm, Double | —      | —    | —    |
| 2 060 10 13 |              | U Bracket for pole, L: 280mm, Single | —      | —    | —    |
| 2 060 10 14 |              | U Bracket for pole, L: 280mm, Double | —      | —    | —    |
| 3 060 10 01 | Pole         | φ 60.3mm                             | —      | —    | —    |
| 3 060 10 02 |              | φ 82.5mm                             | —      | —    | —    |

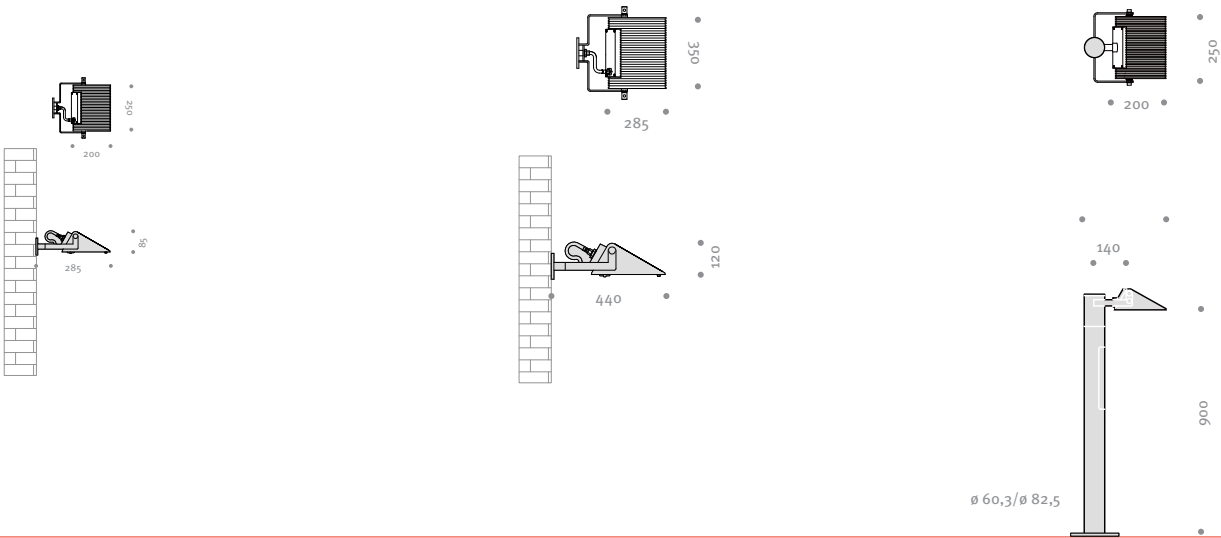
Order No.: Article No. + Bracket No.+ Pole No. + Pole Height



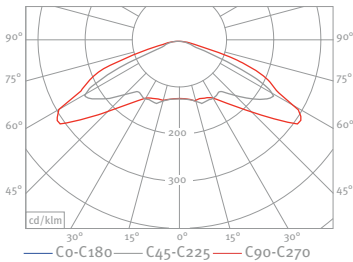
| LED  |      |      |      |  |
|------|------|------|------|--|
| 22 W | 23 W | 44 W | 46 W |  |
| ●    | ●    | —    | —    |  |
| ●    | ●    | ●    | ●    |  |
| —    | —    | —    | —    |  |
| —    | —    | —    | —    |  |
| —    | —    | —    | —    |  |
| —    | —    | —    | —    |  |
| —    | —    | —    | —    |  |
| —    | —    | —    | —    |  |
| —    | —    | —    | —    |  |
| —    | —    | —    | —    |  |



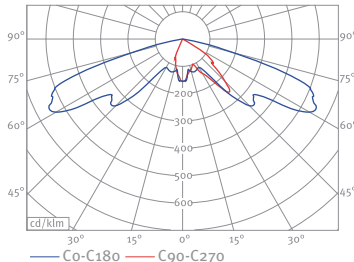
# CANNES Product Segment



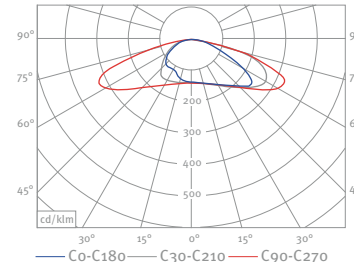
# CANNES Photometric Data



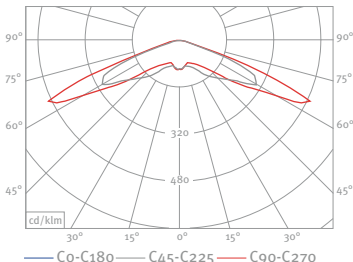
CANNES LS-CLS 1 LED 22W



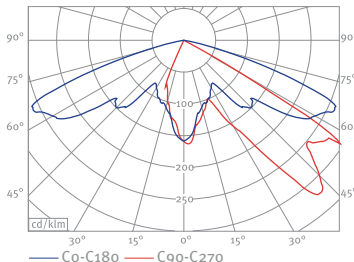
CANNES LA-VELO S LED 23W



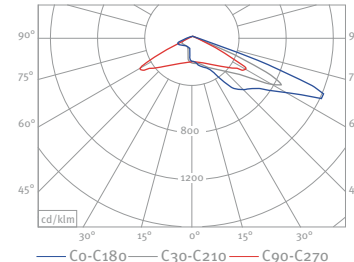
CANNES LA-CLS 1 LED 22W



CANNES LS-CLP 1 LED 22W



CANNES LA-VELO M LED 23W



CANNES LA-CLP 1 LED 22W





**CANDIA**





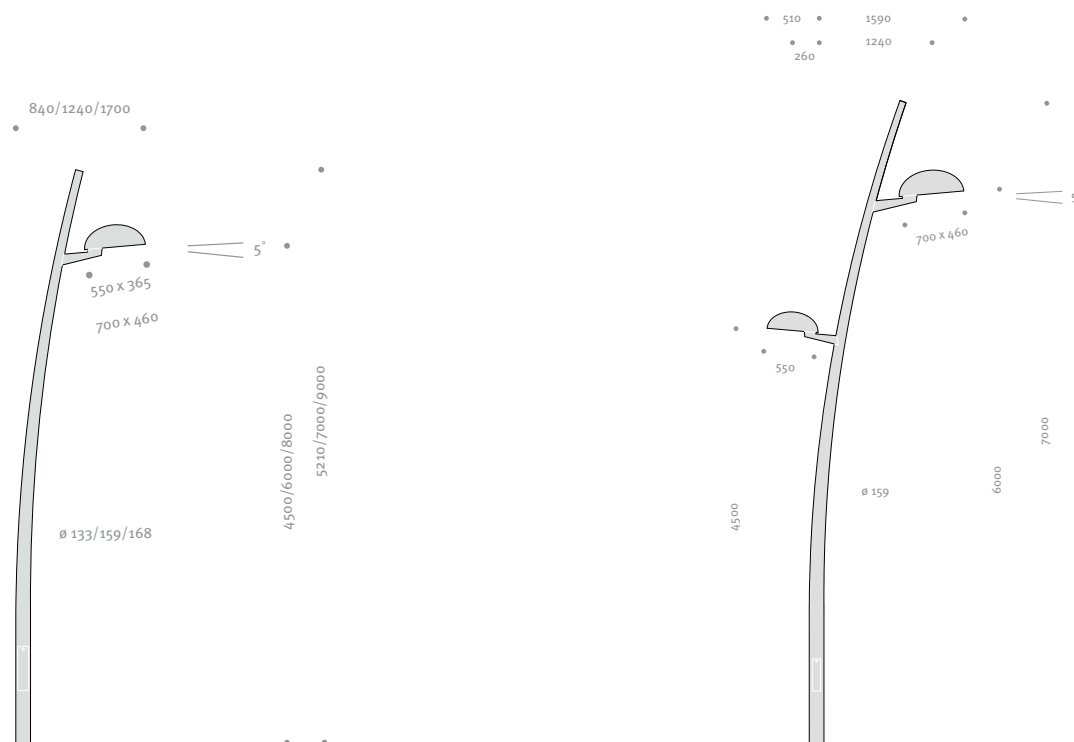
# CANDIA

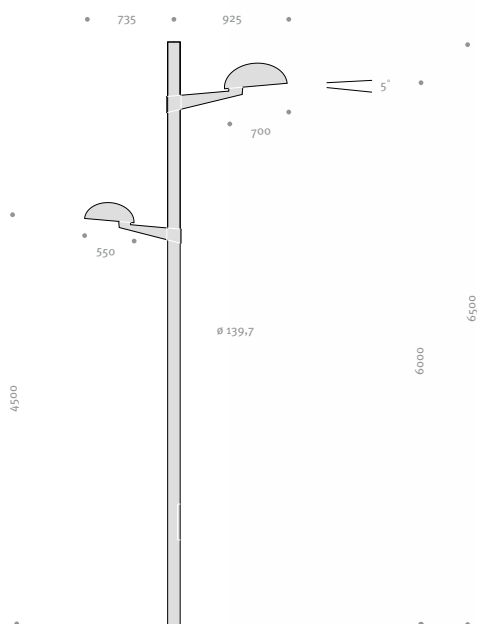
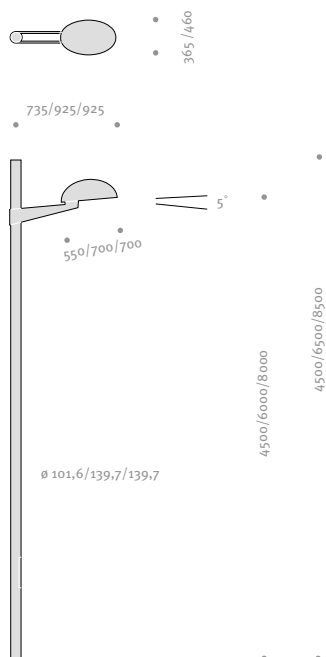
|              |       |              |       |
|--------------|-------|--------------|-------|
| 220~<br>240V | IP 65 | ⊕<br>Class I | Ra>80 |
| CE           | CCC   | LED          |       |

## CANDIA

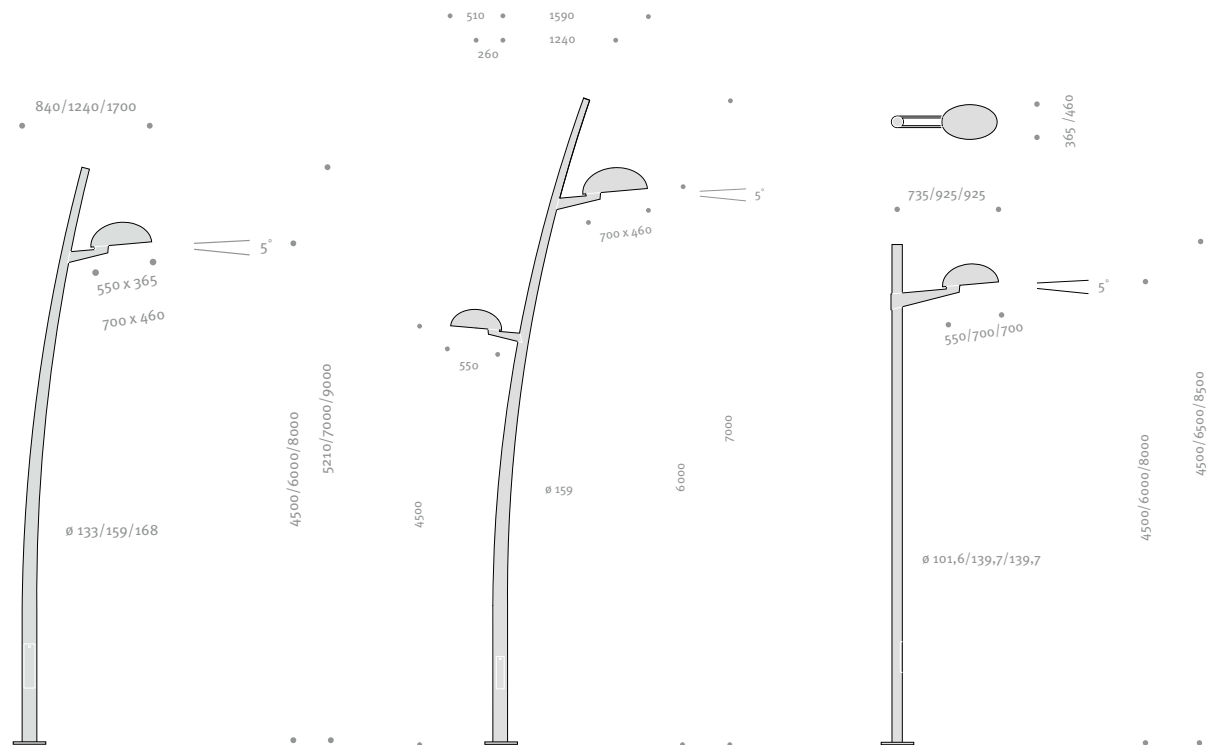
- High-quality road lighting lantern. It is suitable for express road, main road, high-grade residential areas and commercial street, etc.
- 2 housing sizes are available.
- Conical curved or straight pole, fixture mounting heights are 4500/6000/8000mm.
- Opens without tools for easy maintenance.
- Die-cast aluminium housing, electrostatic powder sprays coating, DB703 finish.
- Single-pane, tempered safety glass enclosure.
- Galvanized steel pole and bracket, electrostatic powder sprays coating, DB703 finish.
- Options: Body, bracket and pole color.
- LED dimming or changing color is available upon request.

## CANDIA Product Segment





## CANDIA Product Segment

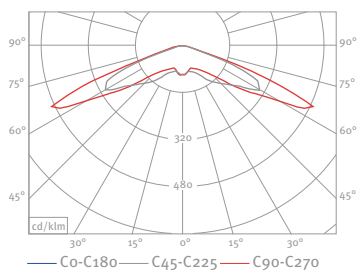
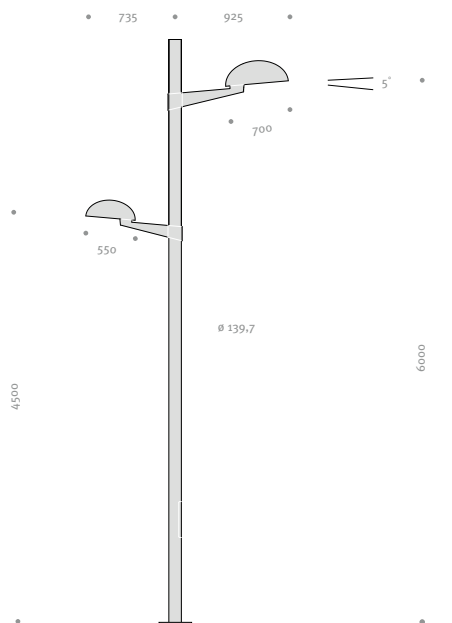


## CANDIA Guide

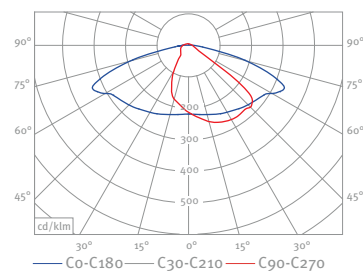
| Article No. | Product Name | Description           | Optics | Lamp | LED |     |     |     |     |     |
|-------------|--------------|-----------------------|--------|------|-----|-----|-----|-----|-----|-----|
|             |              |                       |        |      | 22W | 23W | 44W | 46W | 69W | 88W |
| 9 101 06 01 | Candia S     | Housing: 550 x 365mm  | LED    |      | ●   | ●   | ●   | ●   | —   | —   |
| 9 102 06 21 | Candia M     | Housing: 700 x 460mm  | LED    |      | —   | —   | —   | ●   | ●   | ●   |
| 2 101 06 01 | Bracket      | For Candia S L: 735mm | —      |      | —   | —   | —   | —   | —   | —   |
| 2 101 06 02 |              | For Candia S L: 925mm | —      |      | —   | —   | —   | —   | —   | —   |
| 2 102 06 01 |              | For Candia M L: 735mm | —      |      | —   | —   | —   | —   | —   | —   |
| 2 102 06 02 |              | For Candia M L: 925mm | —      |      | —   | —   | —   | —   | —   | —   |
| 3 100 10 01 | Pole         | φ 133mm curved        | —      |      | —   | —   | —   | —   | —   | —   |
| 3 100 10 02 |              | φ 159mm curved        | —      |      | —   | —   | —   | —   | —   | —   |
| 3 100 10 03 |              | φ 168mm curved        | —      |      | —   | —   | —   | —   | —   | —   |
| 3 100 10 11 | Pole         | φ 101.6mm straight    | —      |      | —   | —   | —   | —   | —   | —   |
| 3 100 10 12 |              | φ 139.7mm straight    | —      |      | —   | —   | —   | —   | —   | —   |

Order No.: Article No. + Bracket No.+ Pole No. + Pole Height

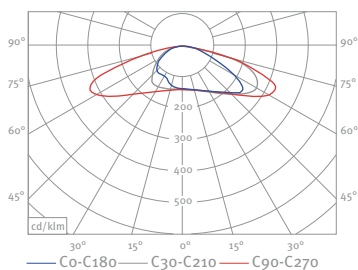
## CANDIA Photometric Data



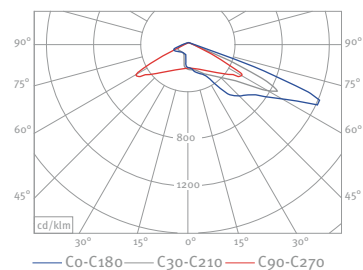
CANDIA LS-CLP 1 LED 22W



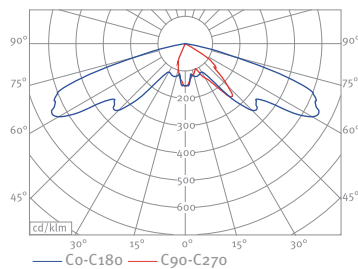
CANDIA LA-CLS 2 LED 22W



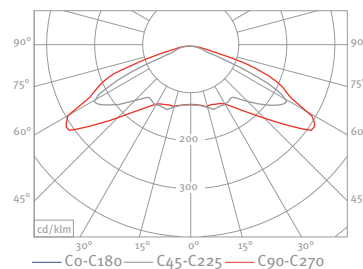
CANDIA LA-CLS 1 LED 22W



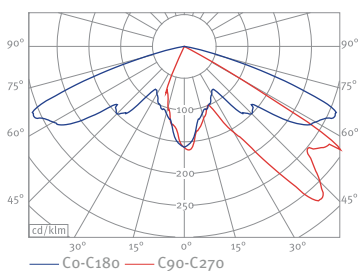
CANDIA LA-CLP 1 LED 22W



CANDIA LA-VELO S LED 23W



CANDIA LS-CLS 1 LED 22W



CANDIA LA-VELO M LED 23W



**LYONS**



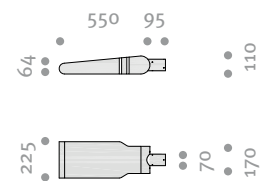


# LYON

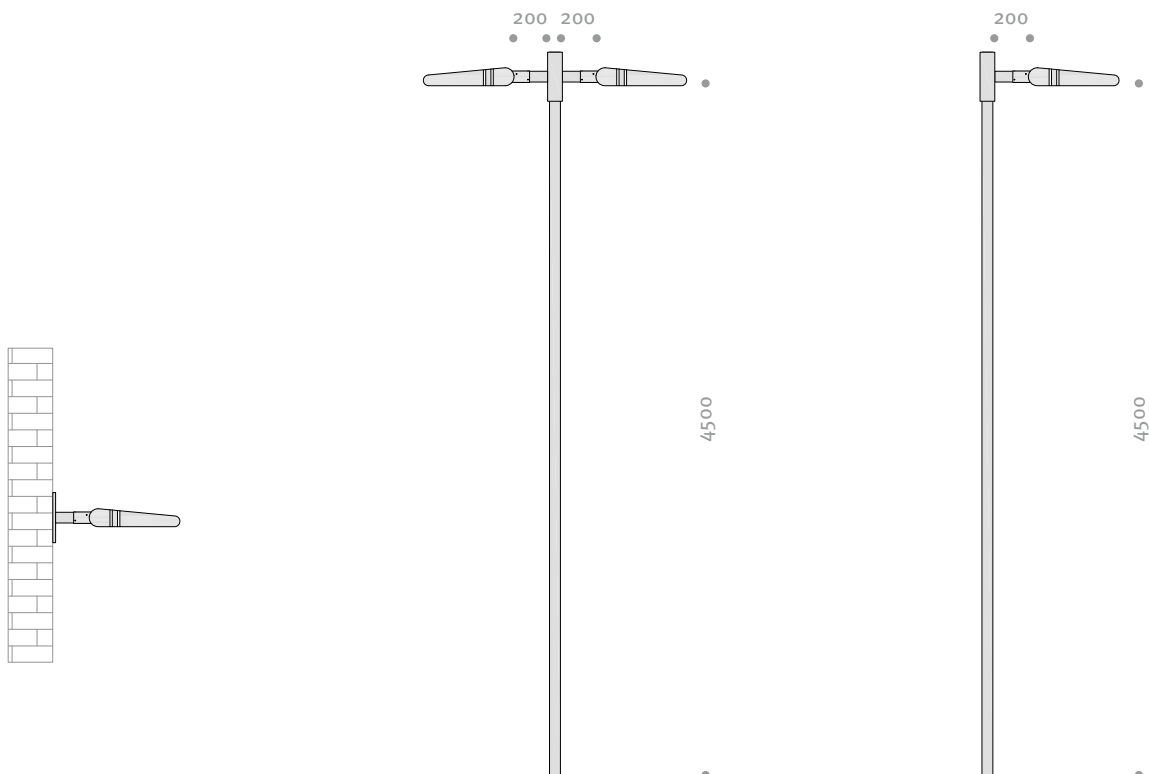
|              |       |         |       |
|--------------|-------|---------|-------|
| 220~<br>240V | IP 66 | Class I | Ra>80 |
| CE           | CCC   | LED     |       |

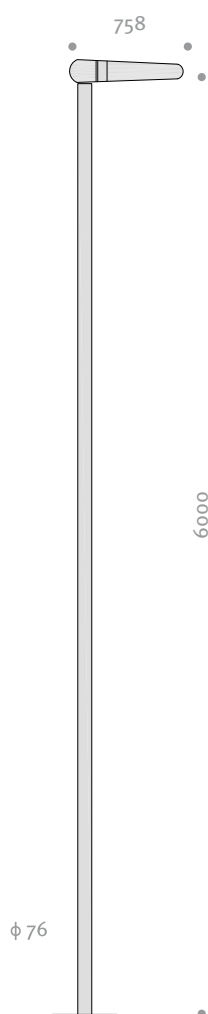
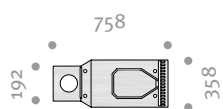
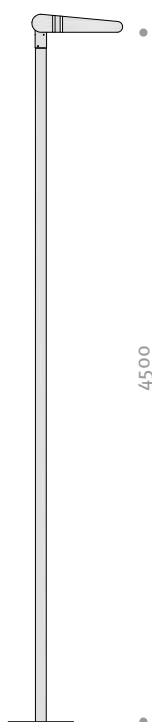
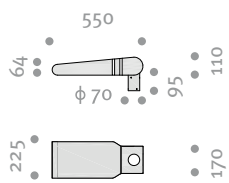
## LYONS

- High-quality LED road lantern. It is suitable for express road, main road, high-grade residential areas and business street, etc.
- 2 sizes are available. Including up to 6 modules.
- Pole top mounting with 0° or 5° tilt.
- Die-cast aluminium luminaire housing and bracket, electrostatic powder sprays coating, DB703 finish.
- Single-pane tempered safety glass enclosure.
- Road lighting distribution.
- Options: Housing and bracket color, Class II.
- LED dimming or changing color is available upon request.



## LYON Product Segment





## LYONS Guide

| Article No.        | Product Name   | Description        | Optics | Lamp |      |     |
|--------------------|----------------|--------------------|--------|------|------|-----|
|                    |                |                    |        | LED  |      |     |
|                    |                |                    |        | 22 W | 23 W | 44W |
| <b>9 121 06 01</b> | <b>Lyons S</b> | Housing: 552X227mm | LED    | ●    | ●    | ●   |
| <b>9 122 06 01</b> | <b>Lyons M</b> | Housing: 702X352mm | LED    | —    | —    | ●   |
| <b>2 120 10 01</b> | <b>Bracket</b> | Single, L: 250mm   | —      | —    | —    | —   |
| <b>2 120 10 02</b> |                | Double, L: 250mm   | —      | —    | —    | —   |
| <b>2 120 10 03</b> |                | Single, L: 400mm   | —      | —    | —    | —   |
| <b>2 120 10 04</b> |                | Double, L: 400mm   | —      | —    | —    | —   |
| <b>2 120 10 05</b> |                | Single, L: 800mm   | —      | —    | —    | —   |
| <b>2 120 10 06</b> |                | Double, L: 800mm   | —      | —    | —    | —   |
| <b>3 120 10 01</b> | <b>Pole</b>    | φ 76mm             | —      | —    | —    | —   |

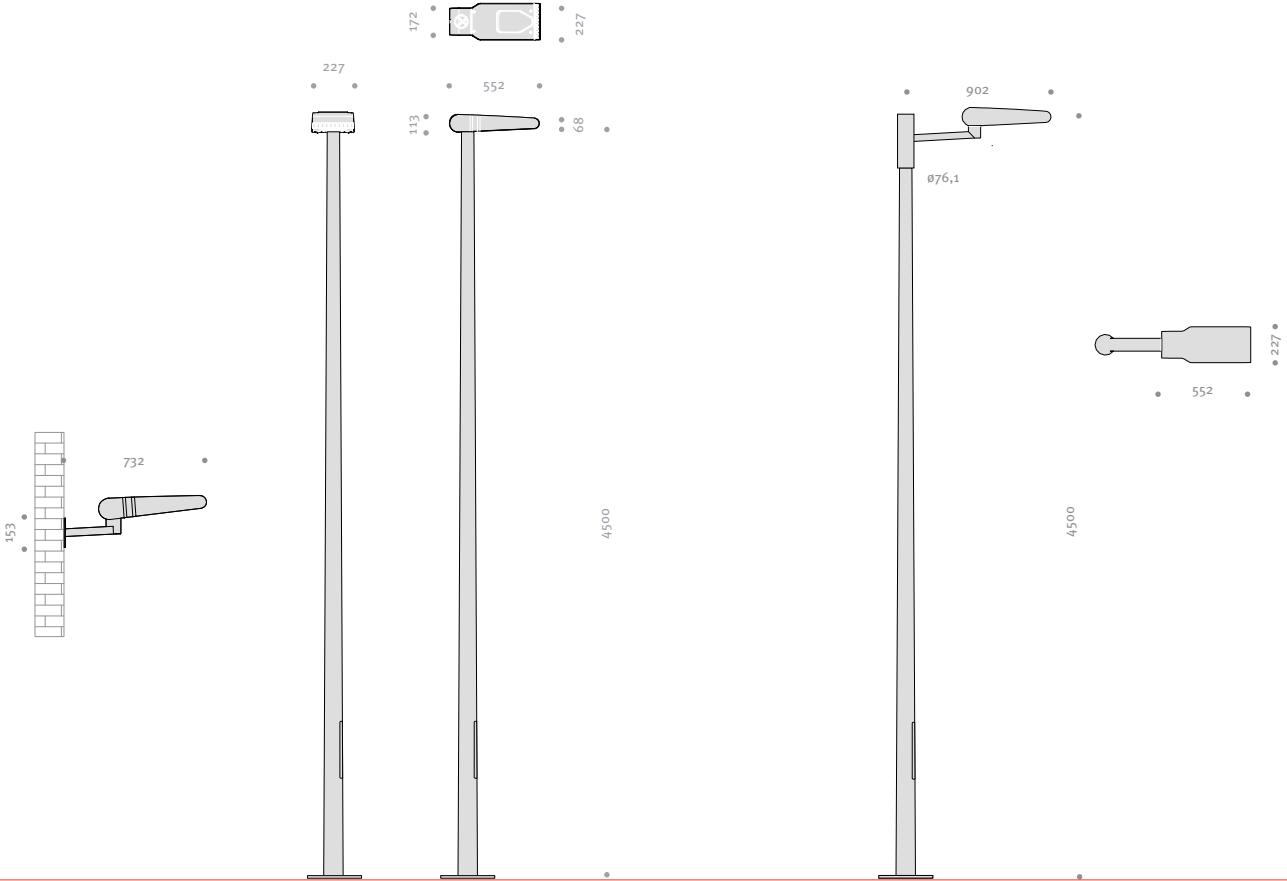
Order No.: Article No. + Bracket No. + Pole No. + Pole Height



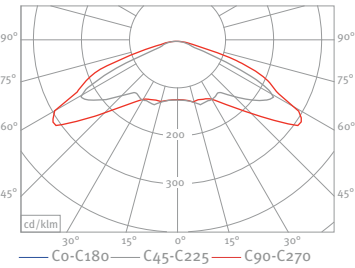
| LED |     |       |     |      |        |
|-----|-----|-------|-----|------|--------|
| 46W | 69W | 82.5W | 92W | 139W | 148.5W |
| ●   | —   | —     | —   | —    | —      |
| ●   | ●   | ●     | ●   | ●    | ●      |
| —   | —   | —     | —   | —    | —      |
| —   | —   | —     | —   | —    | —      |
| —   | —   | —     | —   | —    | —      |
| —   | —   | —     | —   | —    | —      |
| —   | —   | —     | —   | —    | —      |
| —   | —   | —     | —   | —    | —      |
| —   | —   | —     | —   | —    | —      |



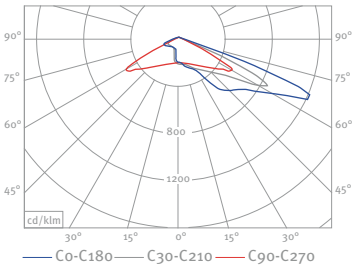
LYONS Product Segment



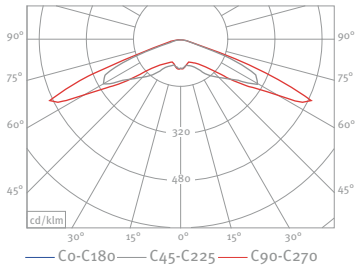
LYONS Photometric Data



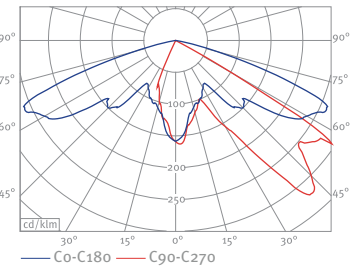
LYONS LS-CLS 1 LED 22W



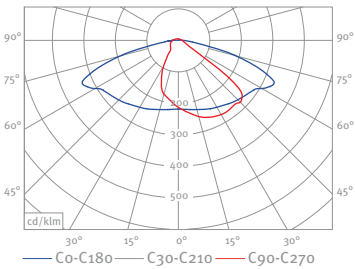
LYONS LA-CLP 1 LED 22W



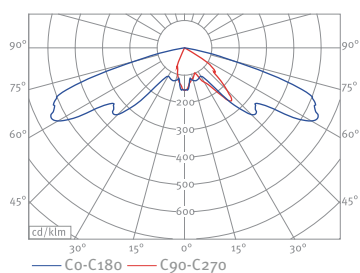
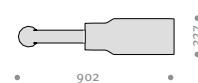
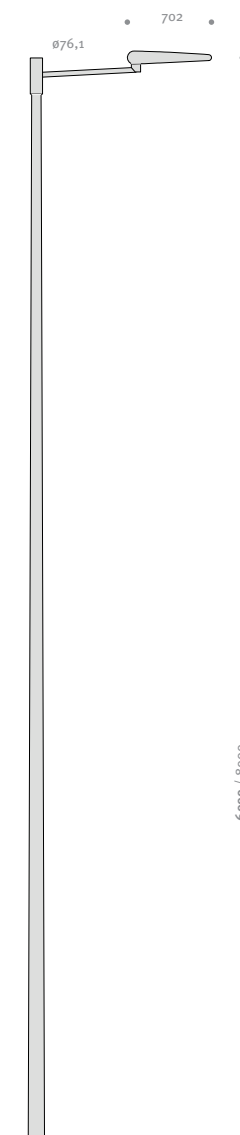
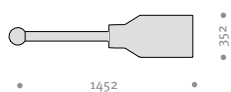
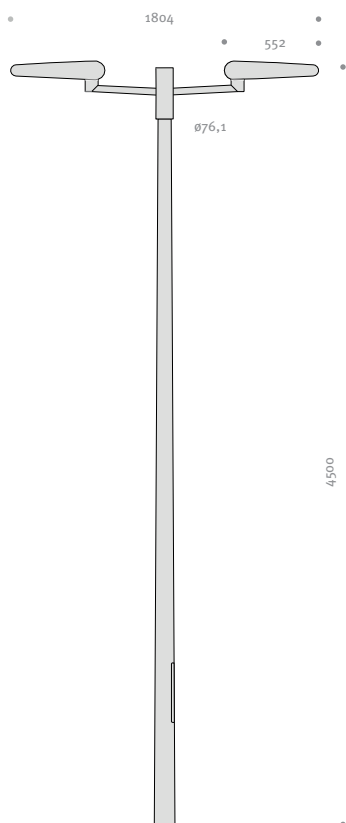
LYONS LS-CLP 1 LED 22W



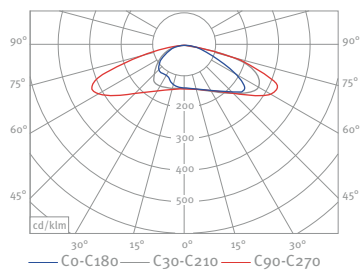
LYONS LA-VELO M LED 23W



LYONS LA-CLS 2 LED 22W



LYONS LA-VELO S LED 23W



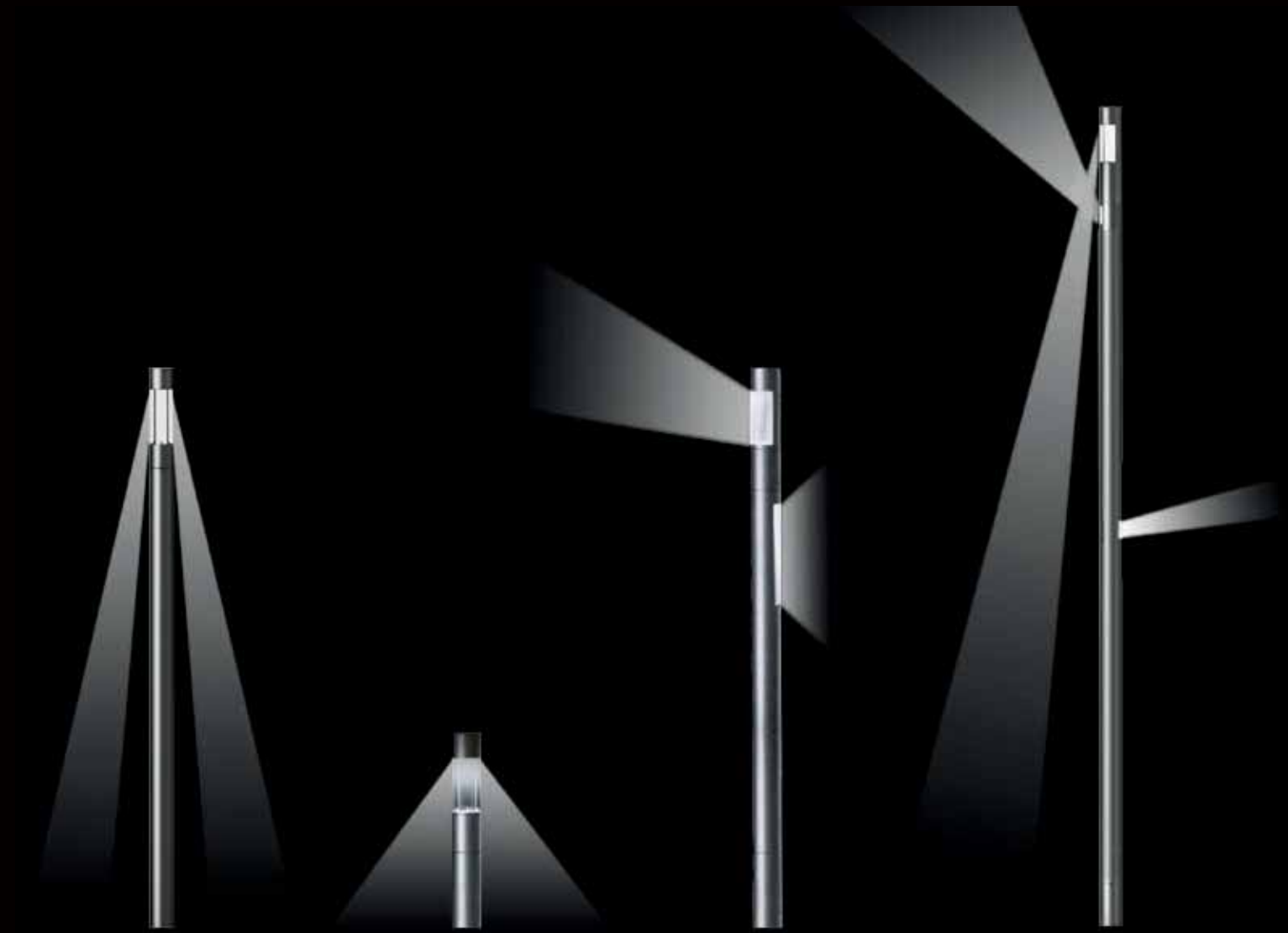
LYONS LA-CLS 1 LED 22W

**CE**

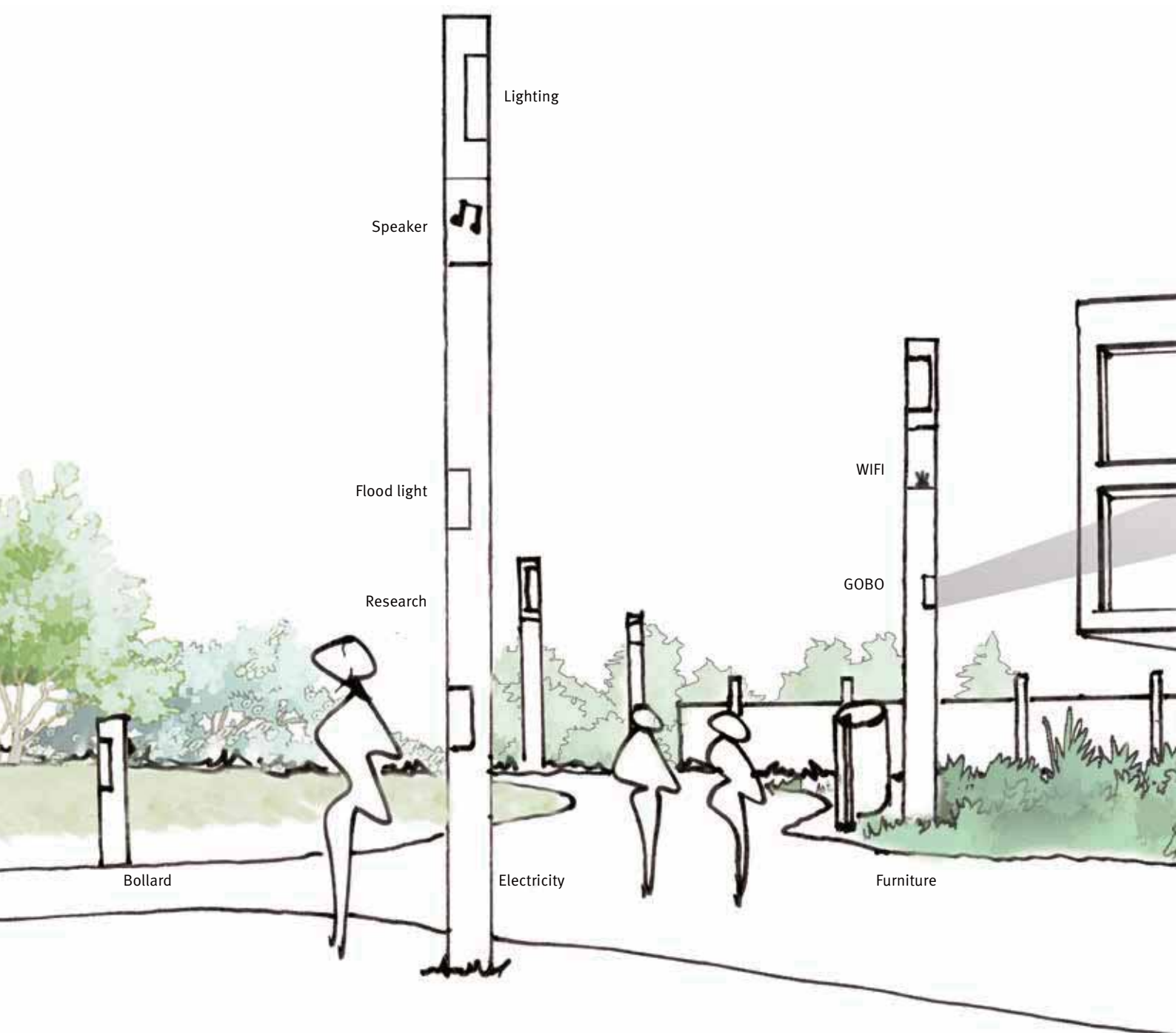


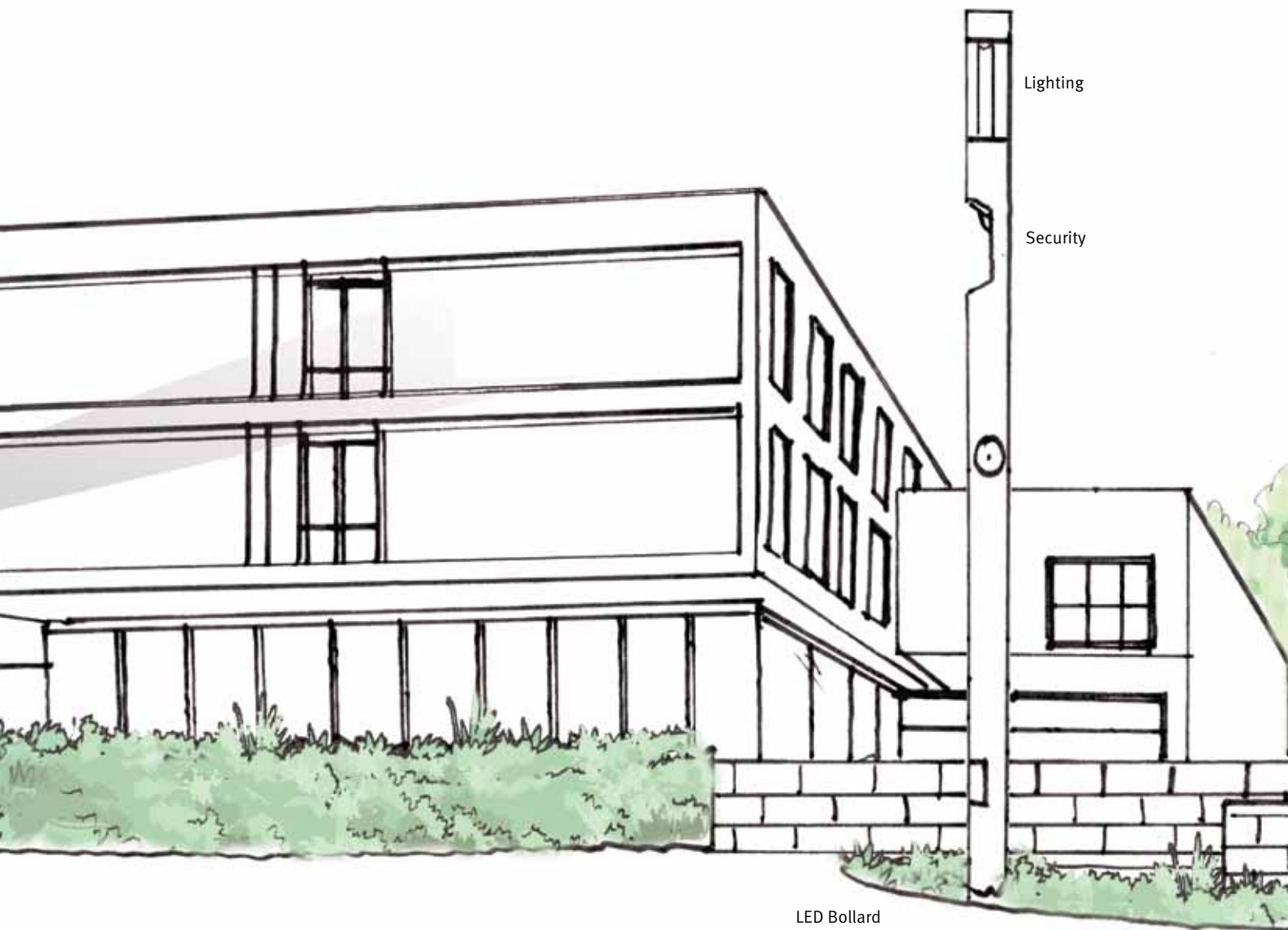


CE









Lighting

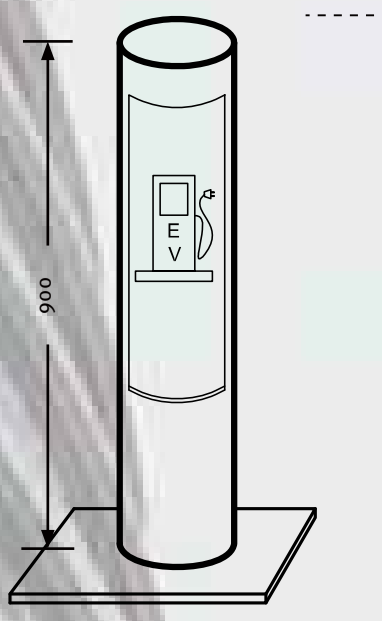
Security

LED Bollard

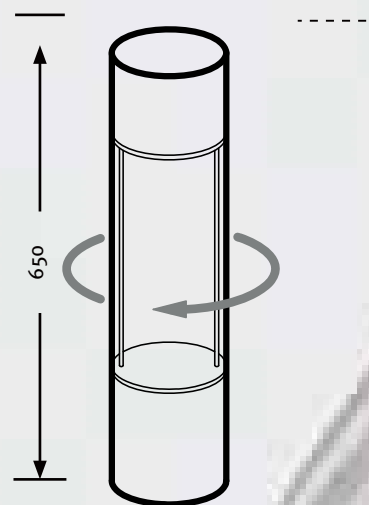
## CE Multi-functional

- A comprehensive lighting system, answers virtually every urban lighting need and even more.
- Up to 9 meters in height, including up to 6 modules. Thanks to the variety and versatility of its elements, the system can easily configure to match different architectural environments.
- 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.
- Choice of multiple professional optical systems. LED optic is imported from Germany. Energy saving.
- Aluminium housing with 150/184/200/252mm diameter, electrostatic powder sprays coating, DB703 finish.
- Clear PMMA enclosure with high transmittance and impact-resistance. Maintains constant shape and color for a long time.
- Options: Housing color, Class II, Translucent PMMA enclosure.
- LED dimming or changing color is available upon request.

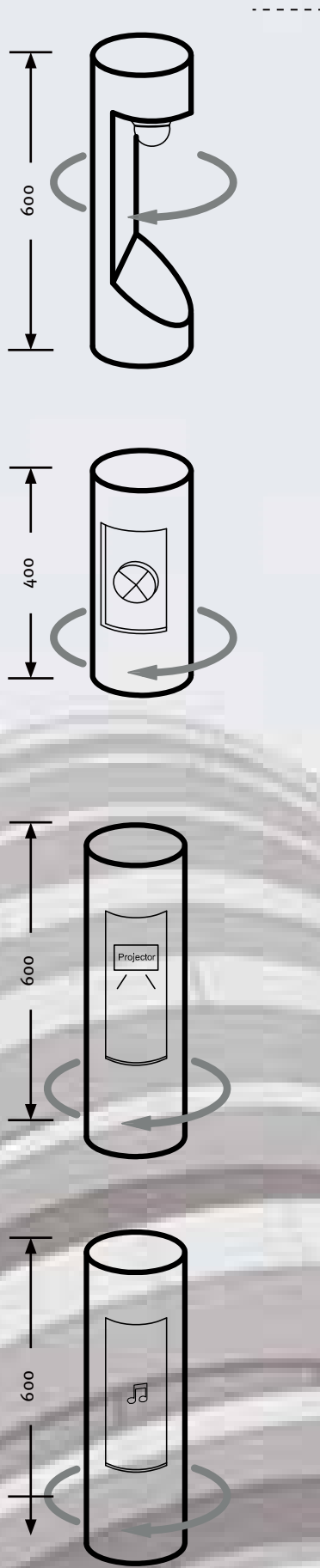
|              |       |         |       |
|--------------|-------|---------|-------|
| 220~<br>240V | IP 65 | Class I | Ra>80 |
| CE           | CCC   | LED     |       |



Electricity  
Bollard  
Base

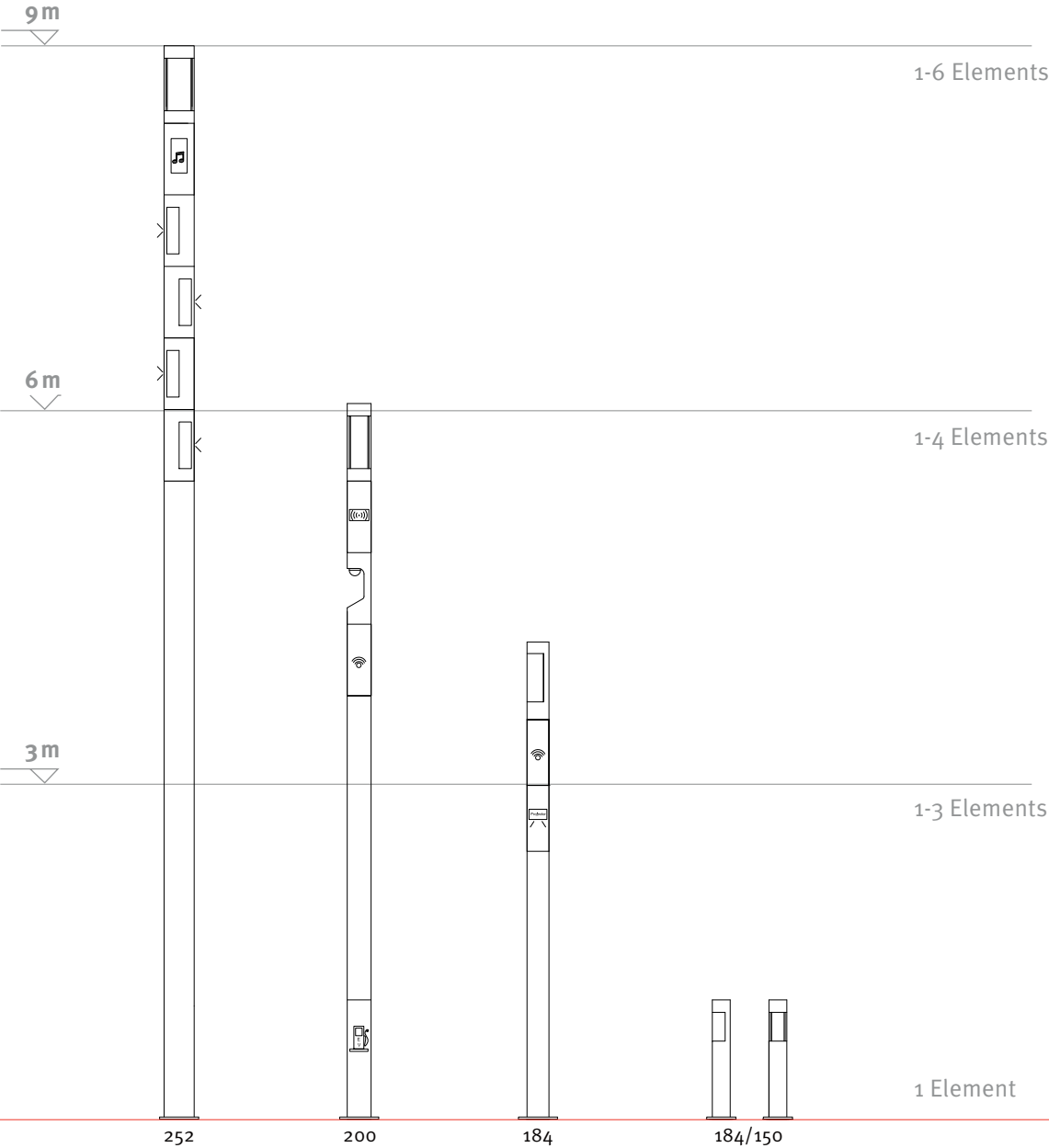


Ambience/Street  
Lighting

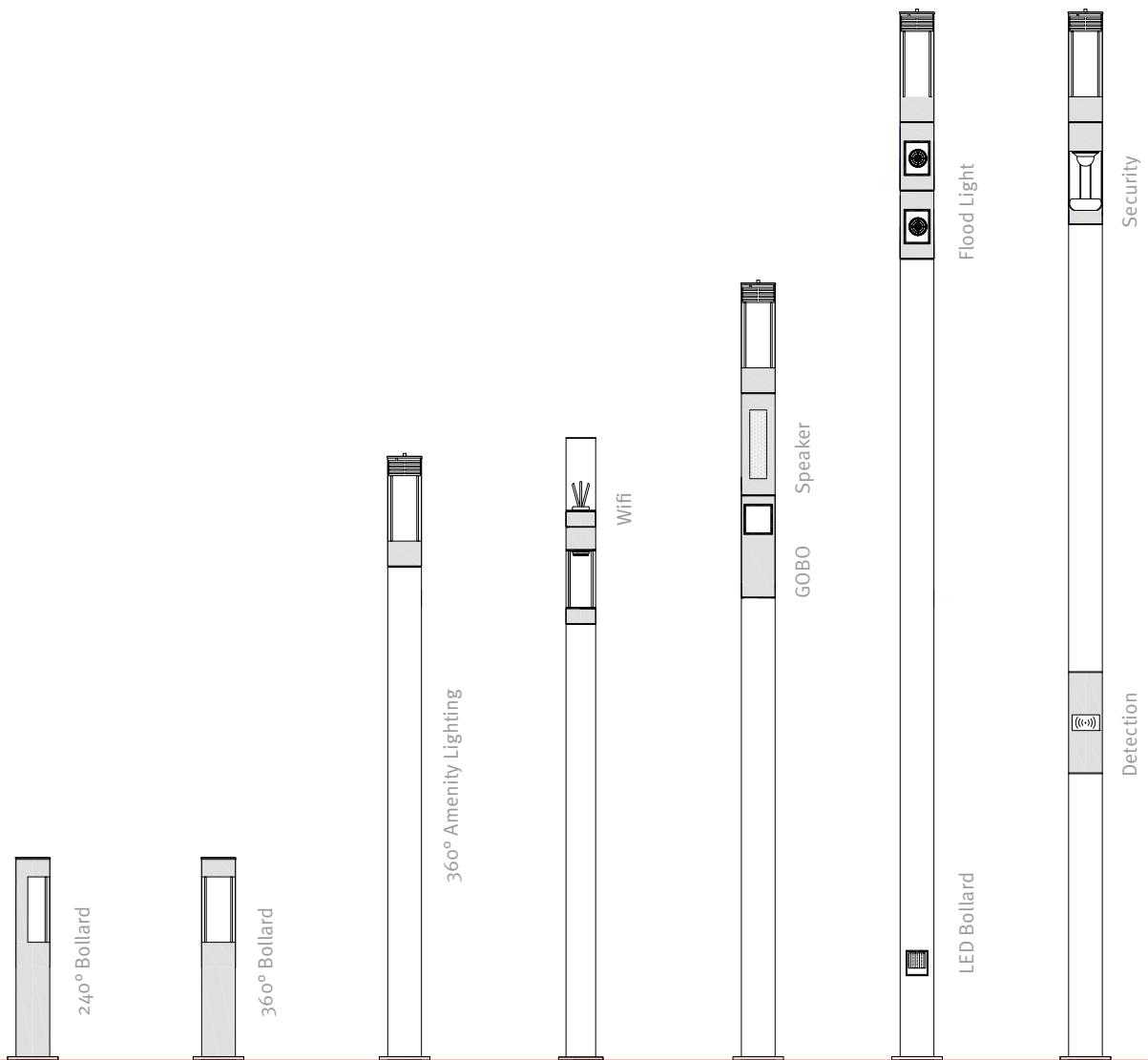


Flood/Architectural Lighting

Other functions (Security, Speaker, Wifi, etc)



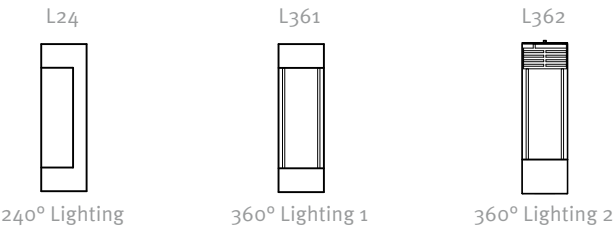
Other heights available upon request



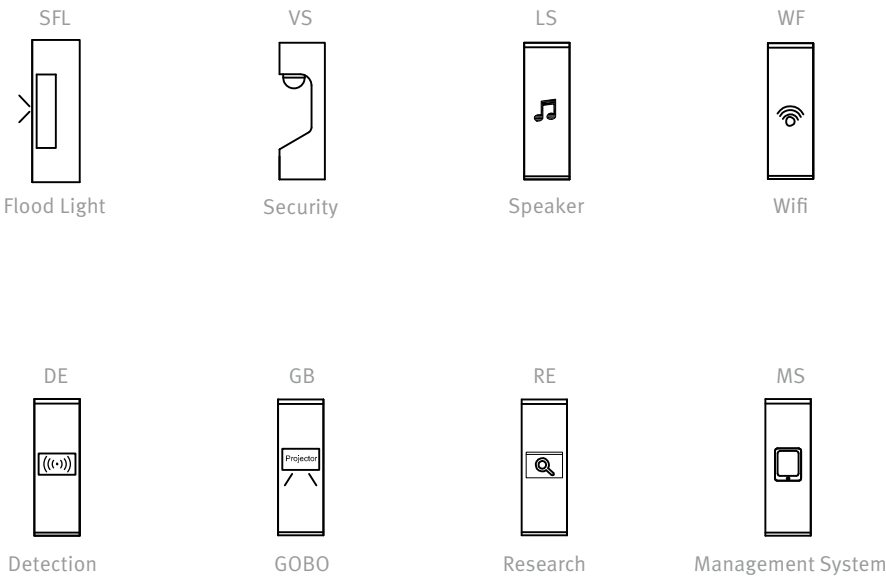
All poles with flange plates

CE Elements

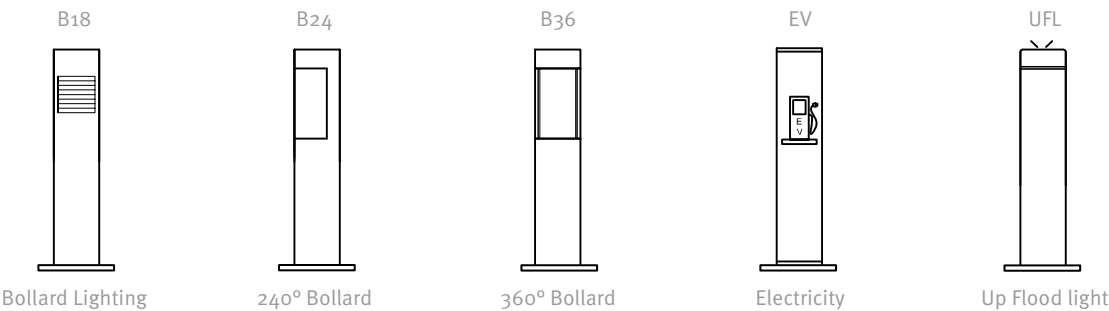
Top Elements



Intermediate Elements



Base Elements



CE Optic System

| Lamp | Reflector | Abb.1 | 252 | 200 | 184 | 150 |
|------|-----------|-------|-----|-----|-----|-----|
| LED  | Sy        | LS    | ●   | ●   | ●   | —   |
|      | Asy       | LA    | ●   | ●   | ●   | —   |



|     |     |           |   |   |   |   |
|-----|-----|-----------|---|---|---|---|
| LED | Sy  | LS-PR 1.5 | ● | ● | ● | — |
|     | Sy  | LS-PR 3   | ● | — | — | — |
|     | Sy  | LS-ARR 10 | ● | ● | — | — |
|     | Sy  | LS-ORS 16 | ● | ● | ● | — |
|     | Sy  | LS-ARR 20 | ● | — | — | — |
|     | Sy  | LS-ARR 30 | ● | — | — | — |
|     | Sy  | LS-ORS 35 | ● | ● | ● | — |
|     | Sy  | LS-ORS 55 | ● | ● | ● | — |
|     | Asy | LA        | ● | ● | ● | — |



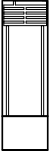
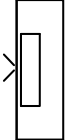
|     |     |    |   |   |   |   |
|-----|-----|----|---|---|---|---|
| LED | Sy  | LS | ● | ● | ● | ● |
|     | Asy | LA | ● | ● | ● | ● |

● YES  
— No



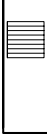
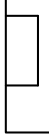
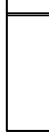
## CE Configuration

### Element Configuration

| Element |   | L24                                                                               | L361                                                                              | L362                                                                              | SFL                                                                               | VS                                                                                  | LS                                                                                  | GB                                                                                  |
|---------|---|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Symbol  |   |  |  |  |  |  |  |  |
| 252     | T | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                   | —                                                                                   | —                                                                                   |
|         | M | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                   | ●                                                                                   | ●                                                                                   |
|         | B | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| 200     | T | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                   | —                                                                                   | —                                                                                   |
|         | M | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                   | ●                                                                                   | ●                                                                                   |
|         | B | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| 184     | T | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                   | —                                                                                   | —                                                                                   |
|         | M | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                   | ●                                                                                   | ●                                                                                   |
|         | B | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| 150     | T | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
|         | M | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
|         | B | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |

### Lamp Configuration

| Lamp |     | L24 | L361 | L362 | SFL | VS | LS | GB |
|------|-----|-----|------|------|-----|----|----|----|
| LED  | 6W  | —   | —    | —    | —   | —  | —  | —  |
|      | 10W | —   | —    | —    | ●   | —  | —  | —  |
|      | 22W | ●   | ●    | ●    | ●   | —  | —  | —  |
|      | 23W | ●   | ●    | ●    | ●   | —  | —  | —  |
|      | 33W | ●   | ●    | ●    | ●   | —  | —  | —  |
|      | 44W | ●   | ●    | ●    | ●   | —  | —  | —  |
|      | 46W | ●   | ●    | ●    | ●   | —  | —  | —  |

| WF                                                                                | DE                                                                                | RE                                                                                | MS                                                                                | B18                                                                               | B24                                                                               | B36                                                                                 | EV                                                                                  | UFL                                                                                 |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |
| —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                   | ●                                                                                   | ●                                                                                   |
| —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                   | ●                                                                                   | ●                                                                                   |
| —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                   | —                                                                                   | ●                                                                                   |
| —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                   | —                                                                                   | ●                                                                                   |

| WF | DE | RE | MS | B18 | B24 | B36 | EV | UFL |
|----|----|----|----|-----|-----|-----|----|-----|
| —  | —  | —  | —  | ●   | ●   | ●   | —  | ●   |
| —  | —  | —  | —  | ●   | ●   | ●   | —  | ●   |
| —  | —  | —  | —  | —   | ●   | ●   | —  | ●   |
| —  | —  | —  | —  | —   | ●   | ●   | —  | ●   |
| —  | —  | —  | —  | —   | ●   | ●   | —  | ●   |
| —  | —  | —  | —  | —   | —   | —   | —  | —   |
| —  | —  | —  | —  | —   | —   | —   | —  | —   |

## CE 252 Guide

| Article No. | Product Name | Module            | Optics    | Lamp | LED |      |     |
|-------------|--------------|-------------------|-----------|------|-----|------|-----|
|             |              |                   |           |      | 6 W | 10 W | 20W |
| 8 011 01 01 | CE 252 L24   | 240°              | LA        | —    | —   | —    | —   |
| 8 011 01 06 | CE 252 L361  | 360°-1            | LS        | —    | —   | —    | —   |
| 8 011 01 07 |              |                   | LA        | —    | —   | —    | —   |
| 8 011 01 11 | CE 252 L362  | 360°-2            | LS        | —    | —   | —    | —   |
| 8 011 01 12 |              |                   | LA        | —    | —   | —    | —   |
| 8 011 04 01 | CE 252 SFL   | Side Flood Light  | LS-PR 1.5 | —    | ●   | —    | —   |
| 8 011 04 02 |              |                   | LS-PR 3   | —    | —   | —    | —   |
| 8 011 04 03 |              |                   | LS-ARR 10 | —    | —   | —    | —   |
| 8 011 04 04 |              |                   | LS-ORS 16 | —    | —   | —    | —   |
| 8 011 04 05 |              |                   | LS-ARR 20 | —    | —   | —    | —   |
| 8 011 04 06 |              |                   | LS-ARR 30 | —    | —   | —    | —   |
| 8 011 04 07 |              |                   | LS-ORS 35 | —    | —   | —    | —   |
| 8 011 04 08 |              |                   | LS-ORS 55 | —    | —   | —    | —   |
| 8 011 04 41 |              |                   | LS-WG 13  | —    | —   | ●    | —   |
| 8 011 04 42 |              |                   | LS-WG 20  | —    | —   | —    | ●   |
| 8 011 04 43 |              |                   | LS-WG 40  | —    | —   | —    | ●   |
| 8 011 04 11 |              |                   | LA        | —    | —   | —    | —   |
| 8 011 10 01 | CE 252 VS    | Security          | —         | —    | —   | —    | —   |
| 8 011 10 02 | CE 252 LS    | Speaker           | —         | —    | —   | —    | —   |
| 8 011 10 03 | CE 252 WF    | Wifi              | —         | —    | —   | —    | —   |
| 8 011 10 04 | CE 252 DE    | Detection         | —         | —    | —   | —    | —   |
| 8 011 10 05 | CE 252 GB    | GOBO              | —         | —    | —   | —    | —   |
| 8 011 10 06 | CE 252 RE    | Research          | —         | —    | —   | —    | —   |
| 8 011 10 07 | CE 252 MS    | Management System | —         | —    | —   | —    | —   |
| 3 011 10 01 | CE 252 pole  | CE252             |           | —    | —   | —    | —   |

Heights are available upon request

Order No.: Article No. + Pole No. + Pole Height + Lamp (Colour Temperature)

| Article No. | Product Name | Module           | Optics | Lamp | LED |      |      |
|-------------|--------------|------------------|--------|------|-----|------|------|
|             |              |                  |        |      | 6 W | 10 W | 22 W |
| 8 011 02 01 | CE 252 B24   | 240°             | LA     | ●    | ●   | ●    | ●    |
| 8 011 02 11 | CE 252 B36   | 360°             | LS     | —    | —   | —    | ●    |
| 8 011 02 12 |              |                  | LA     | ●    | ●   | ●    | ●    |
| 8 011 02 21 | CE 252 UFL   | Up Flood Light   | LS     | —    | —   | —    | ●    |
| 8 011 02 22 |              |                  | LA     | ●    | ●   | ●    | ●    |
| 8 011 02 31 | CE 252 B18   | Bollard Lighting | LS     | —    | —   | —    | —    |
| 8 011 02 32 |              |                  | LA     | ●    | ●   | —    | —    |

Order No.: Article No. + Pole No. + Pole Height + Lamp (Colour Temperature)



## CE 200 Guide

| Article No. | Product Name | Module            | Optics    | Lamp |      |      |
|-------------|--------------|-------------------|-----------|------|------|------|
|             |              |                   |           | LED  |      |      |
|             |              |                   |           | 6 W  | 10 W | 20 W |
| 8 012 01 01 | CE 200 L24   | 240°              | LA        | —    | —    | —    |
| 8 012 01 11 | CE 200 L361  | 360°-1            | LS        | —    | —    | —    |
| 8 012 01 12 |              |                   | LA        | —    | —    | —    |
| 8 012 01 21 | CE 200 L362  | 360°-2            | LS        | —    | —    | —    |
| 8 012 01 22 |              |                   | LA        | —    | —    | —    |
| 8 012 04 01 | CE 200 SFL   | Side Flood Light  | LS-PR 1.5 | —    | ●    | —    |
| 8 012 04 02 |              |                   | LS-ARR 10 | —    | —    | —    |
| 8 012 04 03 |              |                   | LS-ORS 16 | —    | —    | —    |
| 8 012 04 04 |              |                   | LS-ARR 30 | —    | —    | —    |
| 8 012 04 05 |              |                   | LS-ORS 35 | —    | —    | —    |
| 8 012 04 06 |              |                   | LS-ORS 55 | —    | —    | —    |
| 8 012 04 07 |              |                   | LS-CLH 1  | —    | —    | —    |
| 8 012 04 41 |              |                   | LS-WG 13  | —    | —    | ●    |
| 8 012 04 42 |              |                   | LS-WG 20  | —    | —    | ●    |
| 8 012 04 43 |              |                   | LS-WG 40  | —    | —    | ●    |
| 8 012 04 11 |              |                   | LA        | —    | —    | —    |
| 8 012 10 01 | CE 200 VS    | Security          | —         | —    | —    | —    |
| 8 012 10 02 | CE 200 LS    | Speaker           | —         | —    | —    | —    |
| 8 012 10 03 | CE 200 WF    | Wifi              | —         | —    | —    | —    |
| 8 012 10 04 | CE 200 DE    | Detection         | —         | —    | —    | —    |
| 8 012 10 05 | CE 200 GB    | GOBO              | —         | —    | —    | —    |
| 8 012 10 06 | CE 200 RE    | Research          | —         | —    | —    | —    |
| 8 012 10 07 | CE 200 MS    | Management System | —         | —    | —    | —    |
| 3 012 10 01 | CE 200 pole  | CE200             |           | —    | —    | —    |

Heights are available upon request

Order No.: Article No. + Pole No. + Pole Height + Lamp (Colour Temperature)

| Article No. | Product Name | Module           | Optics | Lamp |      |      |
|-------------|--------------|------------------|--------|------|------|------|
|             |              |                  |        | LED  |      |      |
|             |              |                  |        | 6 W  | 10 W | 22 W |
| 8 012 02 01 | CE 200 B24   | 240°             | LA     | ●    | ●    | ●    |
| 8 012 02 11 | CE 200 B36   | 360°             | LS     | —    | —    | ●    |
| 8 012 02 12 |              |                  | LA     | ●    | ●    | ●    |
| 8 012 02 21 | CE 200 UFL   | Up Flood Light   | LS     | —    | —    | ●    |
| 8 012 02 22 |              |                  | LA     | ●    | ●    | ●    |
| 8 012 02 31 | CE 200 B18   | Bollard Lighting | LS     | —    | —    | ●    |
| 8 012 02 32 |              |                  | LA     | ●    | ●    | —    |

Order No.: Article No. + Pole No. + Pole Height + Lamp (Colour Temperature)

| LED  |      |      |      |      |      |
|------|------|------|------|------|------|
| 22 W | 23 W | 30 W | 33 W | 44 W | 46 W |
| ●    | ●    | —    | ●    | —    | —    |
| ●    | —    | —    | —    | —    | —    |
| ●    | ●    | —    | ●    | —    | —    |
| ●    | —    | —    | —    | —    | —    |
| ●    | ●    | —    | ●    | —    | —    |
| —    | —    | —    | —    | —    | —    |
| ●    | ●    | —    | ●    | —    | —    |
| ●    | ●    | —    | ●    | —    | —    |
| ●    | ●    | —    | ●    | —    | —    |
| ●    | ●    | —    | ●    | —    | —    |
| ●    | ●    | —    | ●    | —    | —    |
| ●    | —    | —    | —    | ●    | —    |
| —    | —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    | —    |
| ●    | ●    | —    | ●    | —    | —    |
| —    | —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    | —    |

| LED  |      |      |      |      |
|------|------|------|------|------|
| 23 W | 30 W | 33 W | 44 W | 46 W |
| ●    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| ●    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| ●    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |

## CE 184 Guide

| Article No. | Product Name | Module           | Optics    | Lamp |      |      |
|-------------|--------------|------------------|-----------|------|------|------|
|             |              |                  |           | LED  |      |      |
|             |              |                  |           | 6 W  | 10 W | 22 W |
| 8 013 01 01 | CE 184 L24   | 240°             | LA        | ●    | —    | ●    |
| 8 013 01 11 | CE184 L361   | 360°-1           | LS        | —    | —    | ●    |
| 8 013 01 12 |              |                  | LA        | ●    | —    | ●    |
| 8 013 01 21 | CE184 L362   | 360°-2           | LS        | —    | —    | ●    |
| 8 013 01 22 |              |                  | LA        | ●    | —    | ●    |
| 8 013 04 01 | CE 184 SFL   | Side Flood Light | LS-PR 1,5 | ●    | ●    | —    |
| 8 013 04 02 |              |                  | LS-ARR 10 | ●    | —    | ●    |
| 8 013 04 03 |              |                  | LS-ORS 16 | ●    | —    | ●    |
| 8 013 04 04 |              |                  | LS-ARR 30 | ●    | —    | ●    |
| 8 013 04 05 |              |                  | LS-ORS 35 | ●    | —    | ●    |
| 8 013 04 06 |              |                  | LS-ORS 55 | ●    | —    | ●    |
| 8 013 04 11 |              |                  | LA        | ●    | —    | ●    |
| 3 013 10 01 | CE 184 pole  | CE184            |           |      |      |      |

Heights are available upon request

Order No.: Article No. + Pole No. + Pole Height + Lamp (Colour Temperature)

| Article No. | Product Name | Module           | Optics | Lamp |      |      |
|-------------|--------------|------------------|--------|------|------|------|
|             |              |                  |        | LED  |      |      |
|             |              |                  |        | 6 W  | 10 W | 22 W |
| 8 013 02 01 | CE 184 B24   | 240°             | LA     | ●    | ●    | ●    |
| 8 013 02 11 | CE 184 B36   | 360°             | LS     | —    | —    | ●    |
| 8 013 02 12 |              |                  | LA     | ●    | ●    | ●    |
| 8 013 02 21 | CE 184 UFL   | Up Flood Light   | LS     | —    | —    | ●    |
| 8 013 02 22 |              |                  | LA     | ●    | ●    | ●    |
| 8 013 02 31 | CE 184 B18   | Bollard Lighting | LS     | —    | —    | ●    |
| 8 013 02 32 |              |                  | LA     | ●    | ●    | —    |

Order No.: Article No. + Pole Height + Lamp (Colour Temperature)

| LED  |      |      |      |      |
|------|------|------|------|------|
| 23 W | 30 W | 33 W | 44 W | 46 W |
| ●    | —    | ●    | —    | —    |
| —    | —    | —    | —    | —    |
| ●    | —    | ●    | —    | —    |
| —    | —    | —    | —    | —    |
| ●    | —    | ●    | —    | —    |
| —    | —    | —    | —    | —    |
| ●    | —    | ●    | —    | —    |
| ●    | —    | ●    | —    | —    |
| ●    | —    | ●    | —    | —    |
| ●    | —    | ●    | —    | —    |
| ●    | —    | ●    | —    | —    |
| ●    | —    | ●    | —    | —    |
| ●    | —    | ●    | —    | —    |
| ●    | —    | ●    | —    | —    |

| LED  |      |      |      |      |
|------|------|------|------|------|
| 23 W | 30 W | 33 W | 44 W | 46 W |
| ●    | —    | —    | —    | —    |
| ●    | —    | —    | —    | —    |
| ●    | —    | —    | —    | —    |
| ●    | —    | —    | —    | —    |
| ●    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |

CE 150 Guide

| Article No. | Product Name | Module           | Optics | Lamp |      |      |
|-------------|--------------|------------------|--------|------|------|------|
|             |              |                  |        | LED  |      |      |
|             |              |                  |        | 6 W  | 10 W | 22 W |
| 8 014 02 01 | CE 150 B24   | 240°             | LA     | ●    | ●    | ●    |
| 8 014 02 11 | CE 150 B36   | 360°             | LS     | —    | —    | ●    |
| 8 014 02 12 |              |                  | LA     | ●    | ●    | ●    |
| 8 014 02 21 | CE 150 UFL   | Up Flood Light   | LS     | —    | —    | ●    |
| 8 014 02 22 |              |                  | LA     | ●    | ●    | ●    |
| 8 014 02 31 | CE 150 B18   | Bollard Lighting | LA     | ●    | ●    | —    |

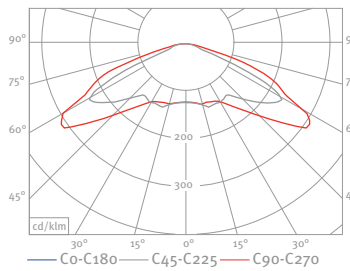
Order No.: Article No. + Pole Height + Lamp (Colour Temperature)



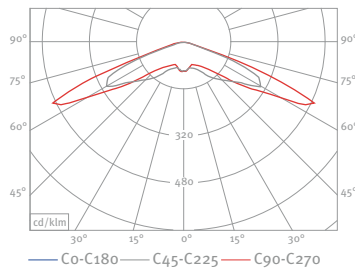
| LED  |      |      |      |      |
|------|------|------|------|------|
| 23 W | 30 W | 33 W | 44 W | 46 W |
| ●    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| ●    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| ●    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |



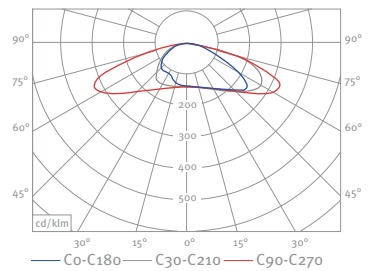
## CE Photometric Data



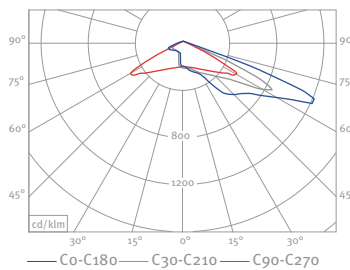
CE LS-CLS 1 LED 22W



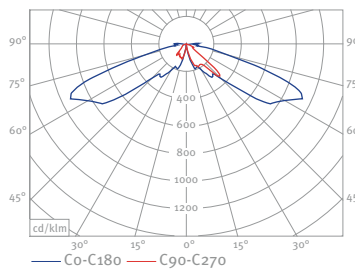
CE LS-CLP 1 LED 22W



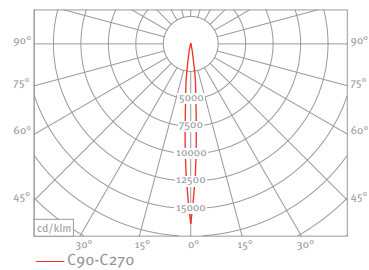
CE LA-CLS 1 LED 22W



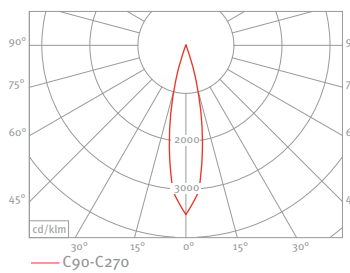
CE LA-CLP LED 22W



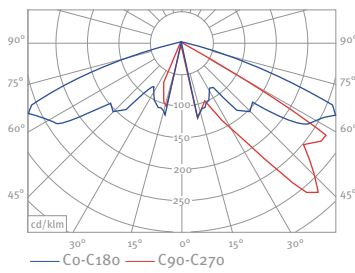
CE LA-VELO S LED 23W



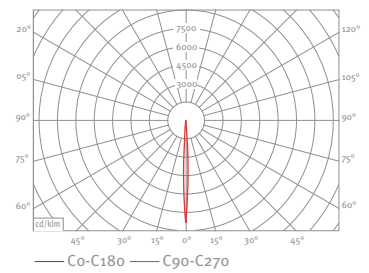
CE LS-ARR 10 LED 22W



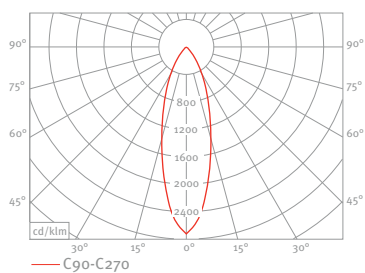
CE LS-ARR 20 LED 22W



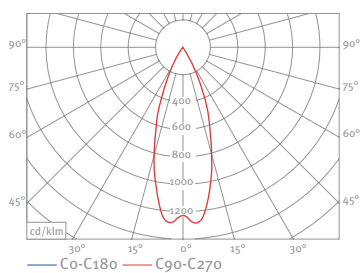
CE LA-VELO ME LED 23W



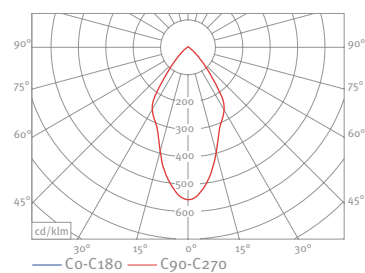
CE LS-PR 1.5 LED 10W



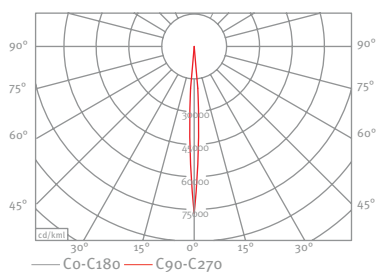
CE LS-ARR 30 LED 22W



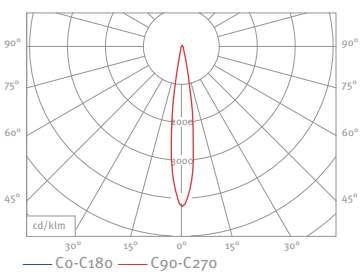
CE LS-ORS 35 LED 22W



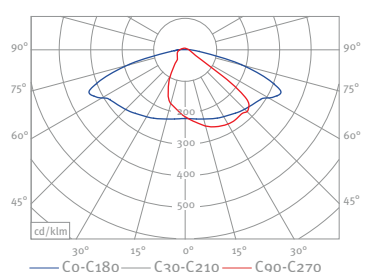
CE LS-ORS 55 LED 22W



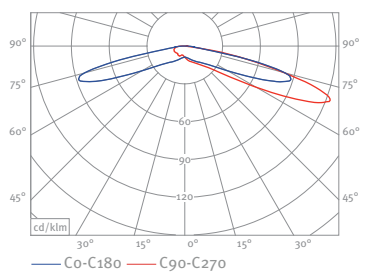
CE LS-PR 3 LED 30W



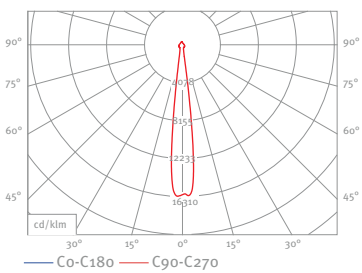
CE LS-ORS 16 LED 22W



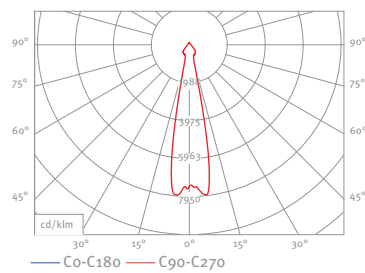
CE LA-CLS 2 LED 22W



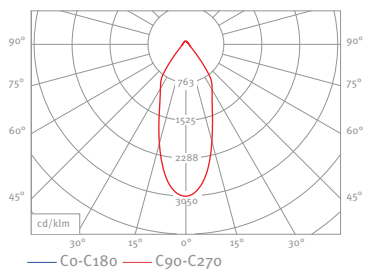
CE LA-BR LED 10W



CE LS-WG LED 13W

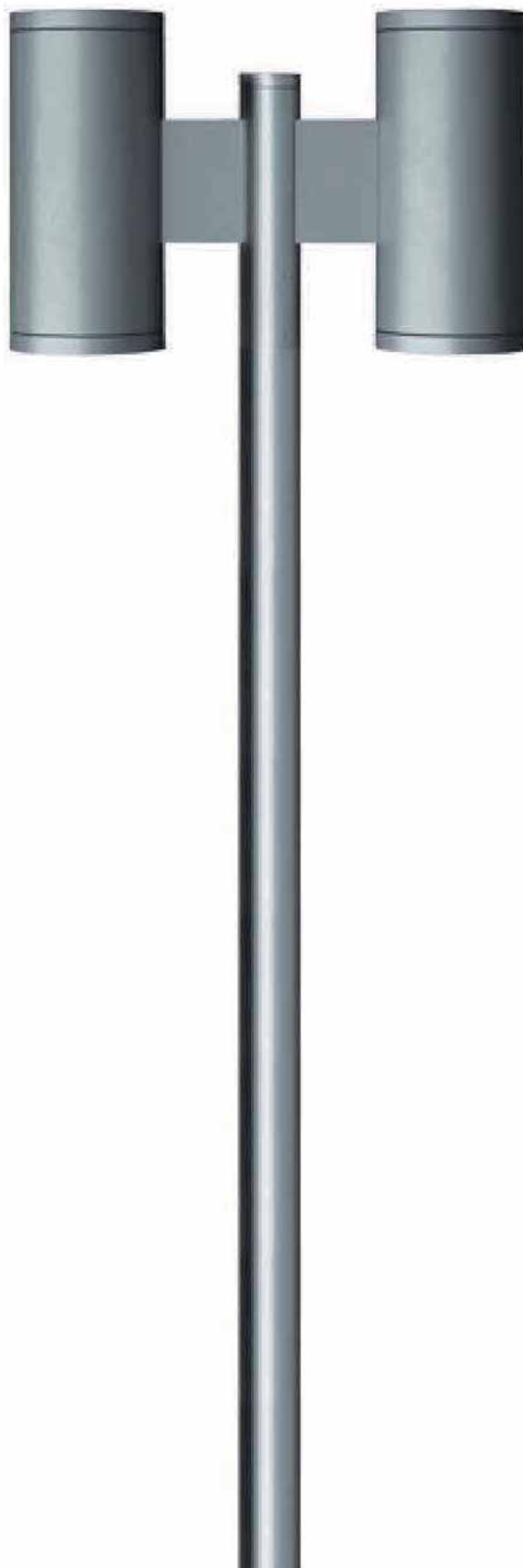


CE LS-WG LED 20W



CE LS-WG LED 40W

# MAINS







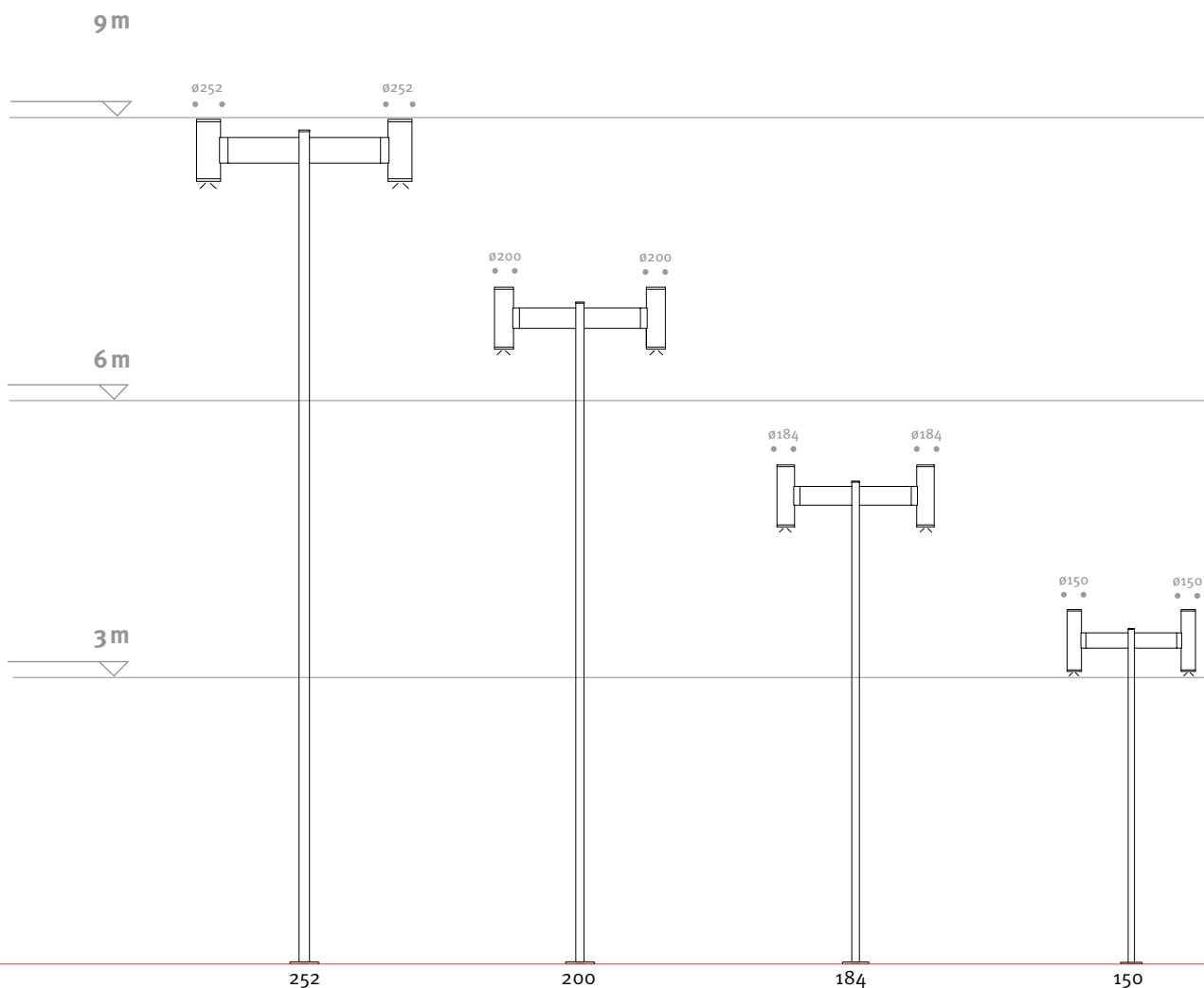
# MAINS

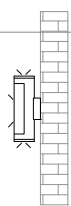
|              |       |         |       |
|--------------|-------|---------|-------|
| 220~<br>240V | IP 65 | Class I | Ra>80 |
| CE           | CCC   | LED     |       |

## MAINS

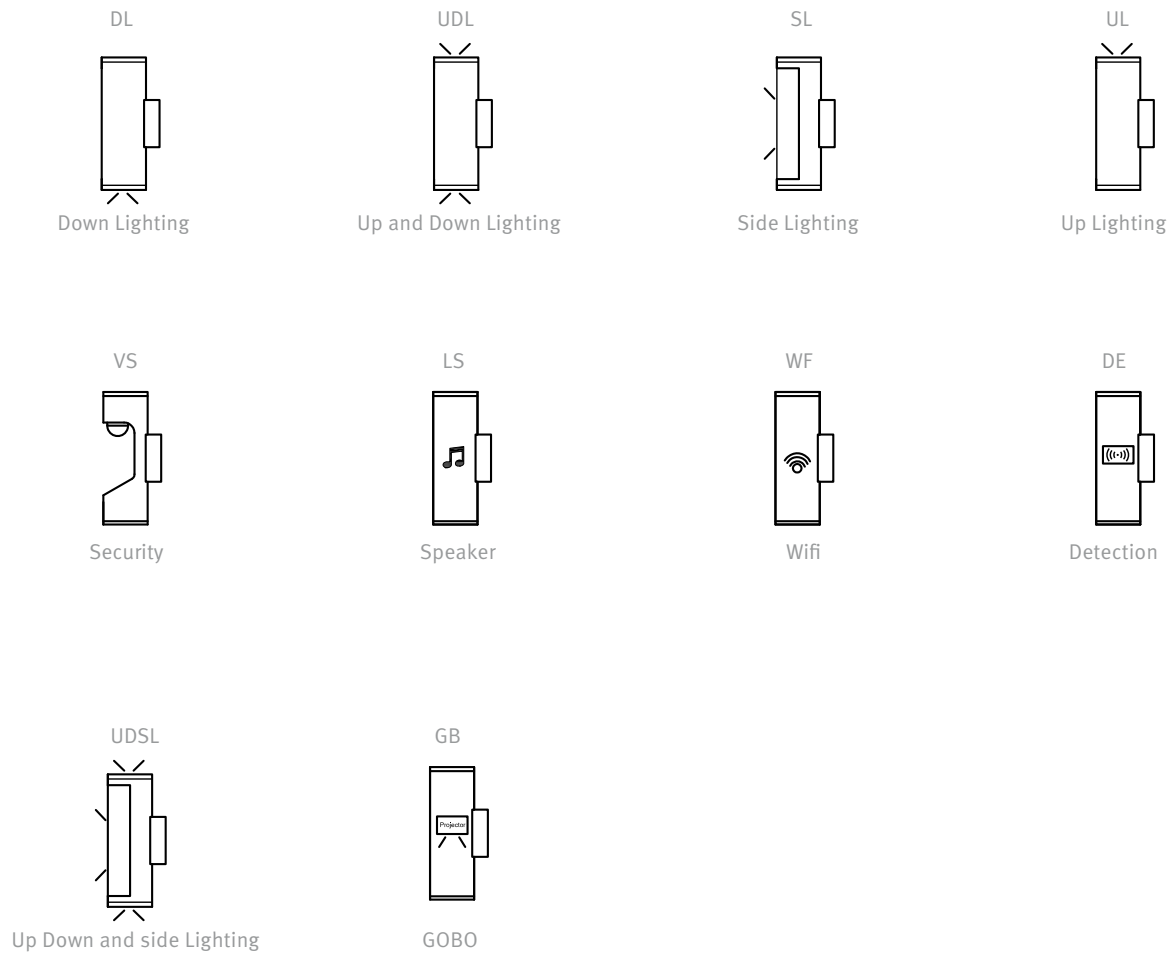
- Multi-function modules amenity luminaire, answers virtually every urban lighting need and even more.
- Includes a variety of versatile elements (Security, Speaker, and WIFI, etc.)
- Choice of fixture layouts.
- Supports pole and wall mounting.
- Aluminium housing, electrostatic powder sprays coating, DB703 finish.
- Clear PMMA enclosure with high transmittance and impact-resistance. Maintains constant shape and color for a long time.
- Options: Housing color, Special anticorrosive coating, Class II, fixtures layout, Translucent PMMA or high quality safety glass enclosure.
- LED dimming or changing color is available upon request.

## MAINS Product Segment





MAINS Elements



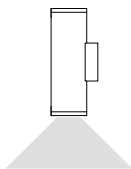
MAINS Layer



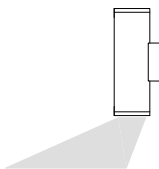
MAINS Optic System

| Type | Lamp | Reflector | Abb.1 | 252 | 200 | 184 | 150 |
|------|------|-----------|-------|-----|-----|-----|-----|
| SL   | LED  | Sy        | LS    | ●   | ●   | ●   | —   |
|      |      | Asy       | LA    | ●   | ●   | ●   | —   |
| UL   | LED  | Sy        | LS    | —   | —   | ●   | ●   |
|      |      | Asy       | LA    | —   | —   | ●   | ●   |
| DL   | LED  | Sy        | LS    | ●   | ●   | ●   | ●   |
|      |      | Asy       | LA    | ●   | ●   | ●   | ●   |

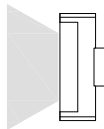
● YES  
— No



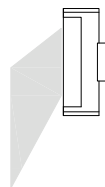
DL-LS



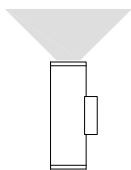
DL-LA



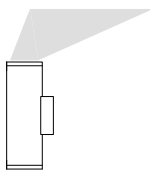
SL-LS



SL-LA



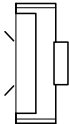
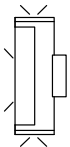
UL-LS



UL-LA

MAINS Configuration

Element Configuration

| Element | DL                                                                                | UDL                                                                               | SL                                                                                | UL                                                                                 | UDSL                                                                                |
|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Symbol  |  |  |  |  |  |
| 252     | ●                                                                                 | —                                                                                 | ●                                                                                 | —                                                                                  | ●                                                                                   |
| 200     | ●                                                                                 | —                                                                                 | ●                                                                                 | —                                                                                  | ●                                                                                   |
| 184     | ●                                                                                 | ●                                                                                 | ●                                                                                 | ●                                                                                  | —                                                                                   |
| 150     | ●                                                                                 | ●                                                                                 | —                                                                                 | ●                                                                                  | —                                                                                   |

Lamp Configuration

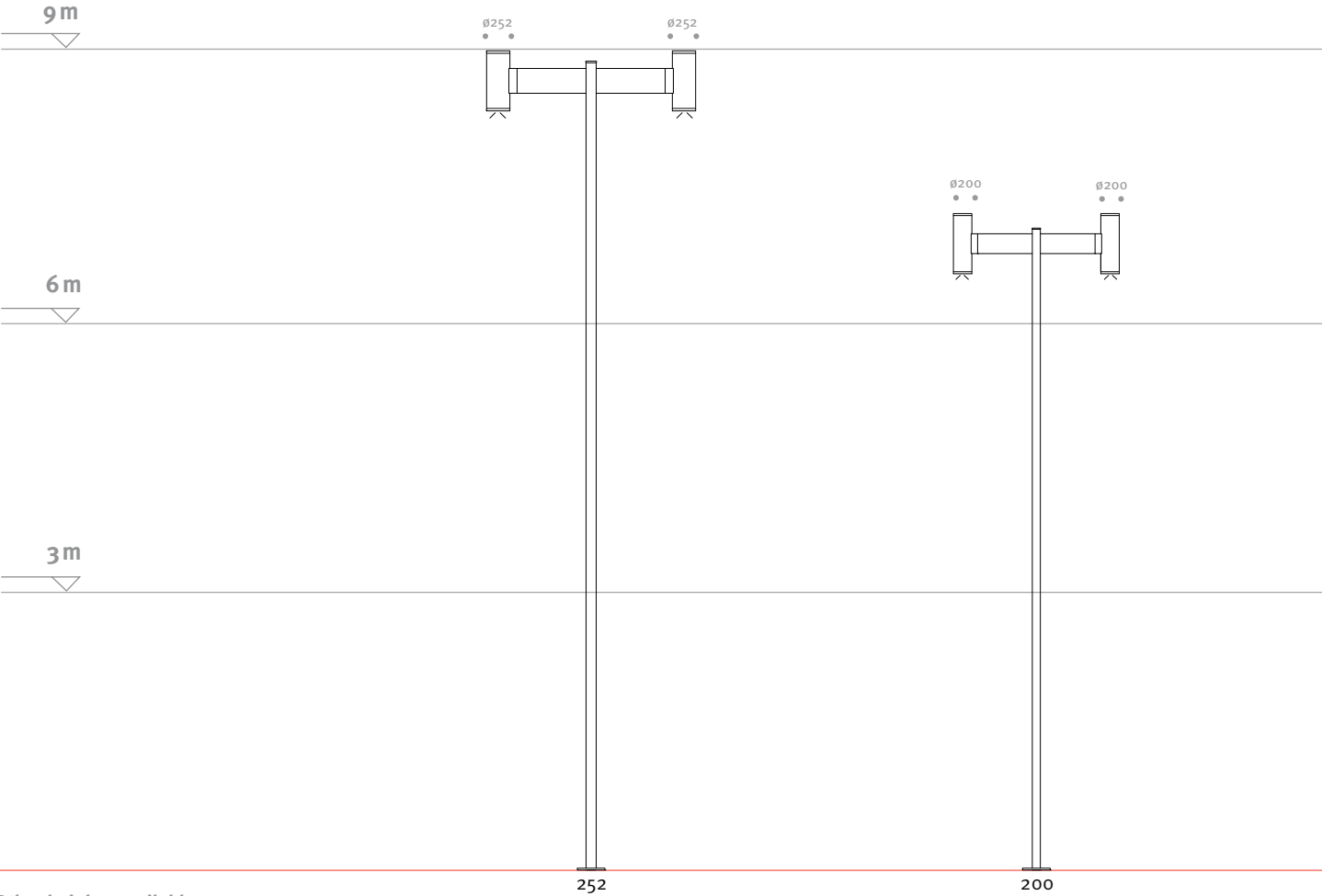
| Lamp | DL  | UDL | SL | UL | UDSL | VS |
|------|-----|-----|----|----|------|----|
| LED  | 6W  | ●   | ●  | ●  | ●    | —  |
|      | 10W | ●   | ●  | ●  | ●    | —  |
|      | 22W | ●   | ●  | ●  | ●    | —  |
|      | 23W | ●   | ●  | ●  | ●    | —  |
|      | 33W | ●   | ●  | ●  | ●    | —  |
|      | 44W | ●   | —  | ●  | —    | —  |
|      | 46W | ●   | —  | ●  | —    | —  |

| VS                                                                                | LS                                                                                | GB                                                                                | WF                                                                                  | DE                                                                                  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |
| •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                   | •                                                                                   |
| •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                   | •                                                                                   |
| —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   |
| —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   |

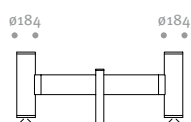
| LS | GB | WF | DE |
|----|----|----|----|
| —  | —  | —  | —  |
| —  | —  | —  | —  |
| —  | —  | —  | —  |
| —  | —  | —  | —  |
| —  | —  | —  | —  |
| —  | —  | —  | —  |



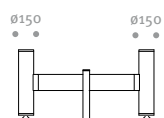
MAINS Product Segment



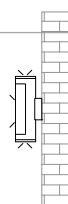
Other heights available upon request



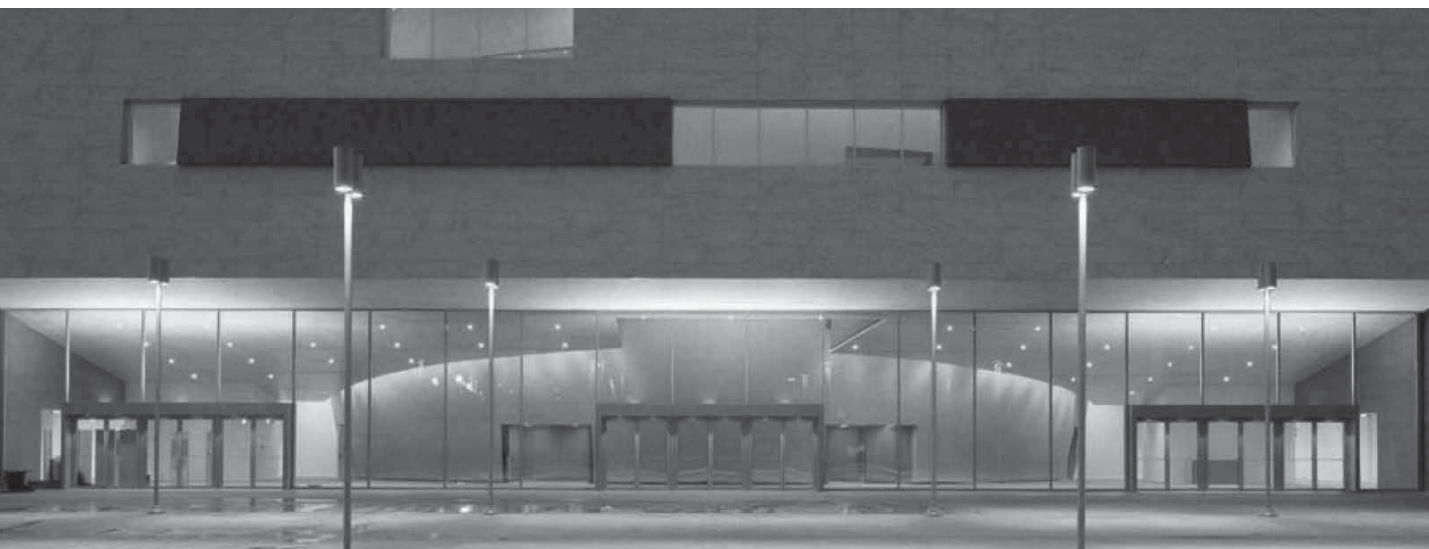
184



150



150/184/200/252



## MAINS 252 Guide

| Article No. | Product Name  | Module              | Optics | Lamp |      |      |
|-------------|---------------|---------------------|--------|------|------|------|
|             |               |                     |        | LED  |      |      |
|             |               |                     |        | 6 W  | 10 W | 20 W |
| 9 021 01 01 | Mains 252 SL  | Side Lighting       | LS     | —    | —    | ●    |
| 9 021 01 02 |               |                     | LA     | —    | ●    | ●    |
| 9 021 01 11 | Mains 252 UL  | Up Lighting         | LS     | —    | —    | ●    |
| 9 021 01 12 |               |                     | LA     | —    | ●    | ●    |
| 9 021 01 21 | Mains 252 DL  | Down Lighting       | LS     | —    | —    | ●    |
| 9 021 01 22 |               |                     | LA     | —    | ●    | ●    |
| 9 021 01 31 | Mains 252 UDL | Up and down lightng | LS     | —    | —    | ●    |
| 9 021 01 32 |               |                     | LA     | —    | ●    | ●    |
| 8 020 10 01 | Mains 252 VS  | Security            | —      | —    | —    |      |
| 8 020 10 02 | Mains 252 LS  | Speaker             | —      | —    | —    |      |
| 8 020 10 03 | Mains 252 WF  | Wifi                | —      | —    | —    |      |
| 8 020 10 04 | Mains 252 DE  | Detection           | —      | —    | —    |      |
| 8 020 10 05 | Mains 252 GB  | GOBO                | —      | —    | —    |      |
| 2 021 10 01 | Mains 252     | Bracket             | —      | —    | —    |      |
| 3 021 10 01 | Mains 252     | Pole                | —      | —    | —    |      |

Order No.: Article No. + Pole No. + Pole Height + Lamp (Colour Temperature)

## MAINS 200 Guide

| Article No. | Product Name  | Module              | Optics | Lamp |      |      |
|-------------|---------------|---------------------|--------|------|------|------|
|             |               |                     |        | LED  |      |      |
|             |               |                     |        | 6 W  | 10 W | 20 W |
| 9 022 01 01 | Mains 200 SL  | Side Lighting       | LS     | —    | —    | ●    |
| 9 022 01 02 |               |                     | LA     | —    | ●    | ●    |
| 9 022 01 11 | Mains 200 UL  | Up Lighting         | LS     | —    | —    | ●    |
| 9 022 01 12 |               |                     | LA     | —    | ●    | ●    |
| 9 022 01 21 | Mains 200 DL  | Down Lighting       | LS     | —    | —    | ●    |
| 9 022 01 22 |               |                     | LA     | —    | ●    | ●    |
| 9 022 01 31 | Mains 200 UDL | Up and down lightng | LS     | —    | —    | ●    |
| 9 022 01 32 |               |                     | LA     | —    | ●    | ●    |
| 8 022 10 01 | Mains 200 VS  | Security            | —      | —    | —    |      |
| 8 022 10 02 | Mains 200 LS  | Speaker             | —      | —    | —    |      |
| 8 022 10 03 | Mains 200 WF  | Wifi                | —      | —    | —    |      |
| 8 022 10 04 | Mains 200 DE  | Detection           | —      | —    | —    |      |
| 8 022 10 05 | Mains 200 GB  | GOBO                | —      | —    | —    |      |
| 2 022 10 01 | Mains 200     | Bracket             | —      | —    | —    |      |
| 3 022 10 01 | Mains 200     | Pole                | —      | —    | —    |      |

Order No.: Article No. + Pole No. + Pole Height + Lamp (Colour Temperature)

| LED  |      |      |      |      |
|------|------|------|------|------|
| 22 W | 23 W | 33 W | 44 W | 46 W |
| ●    | —    | —    | ●    | —    |
| ●    | ●    | ●    | ●    | ●    |
| ●    | —    | —    | ●    | —    |
| ●    | ●    | ●    | ●    | ●    |
| ●    | —    | —    | ●    | —    |
| ●    | ●    | ●    | ●    | ●    |
| ●    | —    | —    | ●    | —    |
| ●    | ●    | ●    | ●    | ●    |
| —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |

| LED  |      |      |      |      |
|------|------|------|------|------|
| 22 W | 23 W | 33 W | 44 W | 46 W |
| ●    | —    | —    | —    | —    |
| ●    | ●    | ●    | —    | —    |
| ●    | —    | —    | —    | —    |
| ●    | ●    | ●    | —    | —    |
| ●    | —    | —    | —    | —    |
| ●    | ●    | ●    | —    | —    |
| ●    | —    | —    | —    | —    |
| ●    | ●    | ●    | —    | —    |
| —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |
| —    | —    | —    | —    | —    |

## MAINS 184 Guide

| Article No. | Product Name  | Module              | Optics | Lamp |      |      |
|-------------|---------------|---------------------|--------|------|------|------|
|             |               |                     |        | LED  |      |      |
|             |               |                     |        | 6 W  | 10 W | 22 W |
| 9 023 01 01 | Mains 184 SL  | Side Lighting       | LS     | —    | —    | ●    |
| 9 023 01 02 |               |                     | LA     | ●    | ●    | ●    |
| 9 023 01 11 | Mains 184 UL  | Up Lighting         | LS     | —    | —    | ●    |
| 9 023 01 12 |               |                     | LA     | ●    | ●    | ●    |
| 9 023 01 21 | Mains 184 DL  | Down Lighting       | LS     | —    | —    | ●    |
| 9 023 01 22 |               |                     | LA     | ●    | ●    | ●    |
| 9 023 01 31 | Mains 184 UDL | Up and down lightng | LS     | —    | —    | ●    |
| 9 023 01 32 |               |                     | LA     | ●    | ●    | ●    |
| 2 023 10 01 | Mains 184     | Bracket             | —      | —    | —    | —    |
| 3 023 10 01 | Mains 184     | Pole                | —      | —    | —    | —    |

Order No.: Article No. + Pole No. + Pole Height + Lamp (Colour Temperature)

## MAINS 150 Guide

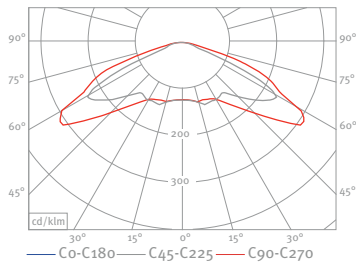
| Article No. | Product Name  | Module              | Optics | Lamp |      |      |
|-------------|---------------|---------------------|--------|------|------|------|
|             |               |                     |        | LED  |      |      |
|             |               |                     |        | 6 W  | 10 W | 22 W |
| 9 024 01 01 | Mains 150 SL  | Side Lighting       | LS     | —    | —    | ●    |
| 9 024 01 02 |               |                     | LA     | ●    | ●    | ●    |
| 9 024 01 11 | Mains 150 UL  | Up Lighting         | LS     | —    | —    | ●    |
| 9 024 01 12 |               |                     | LA     | ●    | ●    | ●    |
| 9 024 01 21 | Mains 150 DL  | Down Lighting       | LS     | —    | —    | ●    |
| 9 024 01 22 |               |                     | LA     | ●    | ●    | ●    |
| 9 024 01 31 | Mains 150 UDL | Up and down lightng | LS     | —    | —    | ●    |
| 9 024 01 32 |               |                     | LA     | ●    | ●    | ●    |
| 2 024 10 01 | Mains 150     | Bracket             | —      | —    | —    | —    |
| 3 024 10 01 | Mains 150     | Pole                | —      | —    | —    | —    |

Order No.: Article No. + Pole Height + Lamp (Colour Temperature)

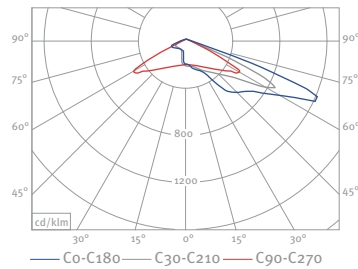
| LED |      |      |      |      |
|-----|------|------|------|------|
|     | 23 W | 33 W | 44 W | 46 W |
|     | —    | —    | —    | —    |
|     | ●    | ●    | —    | —    |
|     | —    | —    | —    | —    |
|     | ●    | ●    | —    | —    |
|     | —    | —    | —    | —    |
|     | ●    | ●    | —    | —    |
|     | —    | —    | —    | —    |
|     | ●    | ●    | —    | —    |
|     | —    | —    | —    | —    |
|     | —    | —    | —    | —    |

| LED |      |      |      |      |
|-----|------|------|------|------|
|     | 23 W | 33 W | 44 W | 46 W |
|     | —    | —    | —    | —    |
|     | ●    | —    | —    | —    |
|     | —    | —    | —    | —    |
|     | ●    | —    | —    | —    |
|     | —    | —    | —    | —    |
|     | ●    | —    | —    | —    |
|     | —    | —    | —    | —    |
|     | ●    | —    | —    | —    |
|     | —    | —    | —    | —    |
|     | —    | —    | —    | —    |

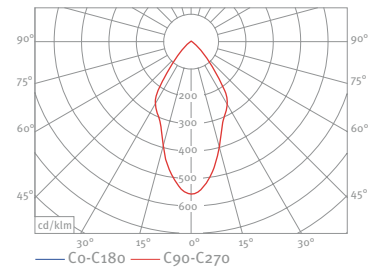
## MAINS Photometric Data



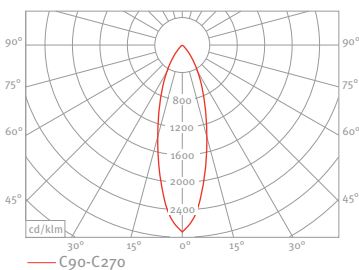
MAINS LS-CLS 1 LED 22W



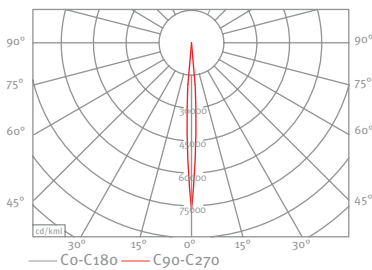
MAINS LA-CLP LED 22W



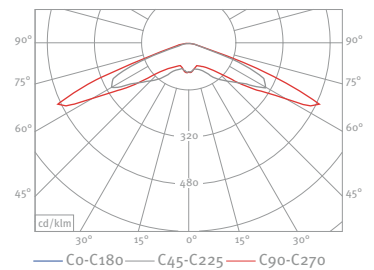
MAINS LS-ORS 55 LED 22W



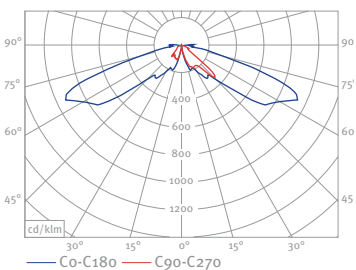
MAINS LS-ARR 30 LED 22W



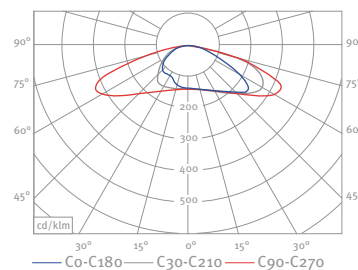
MAINS LS-PR 3 LED 30W



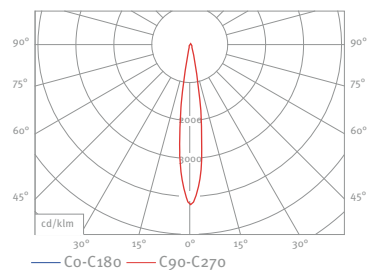
MAINS LS-CLP 1 LED 22W



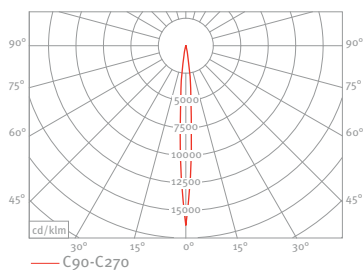
MAINS LA-VELO S LED 23W



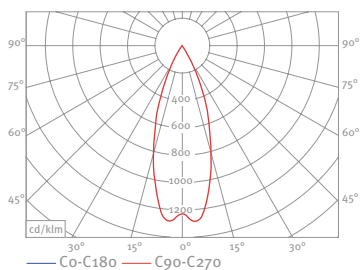
MAINS LA-CLS 1 LED 22Wa



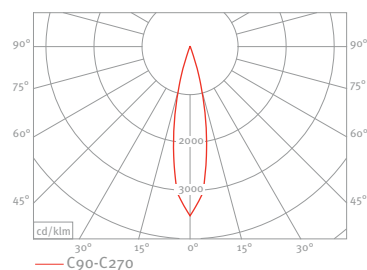
MAINS LS-ORS 16 LED 22W



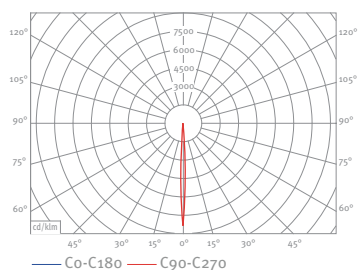
MAINS LS-ARR 10 LED 22W



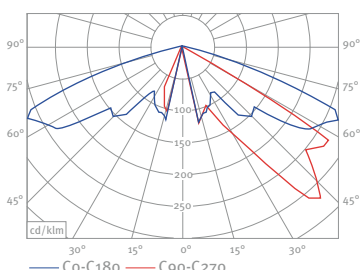
MAINS LS-ORS 35 LED 22W



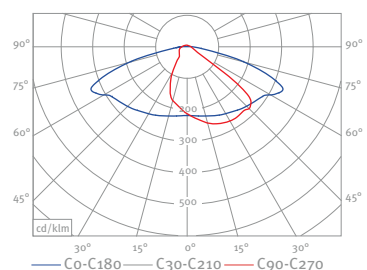
MAINS LS-ARR 20 LED 22W



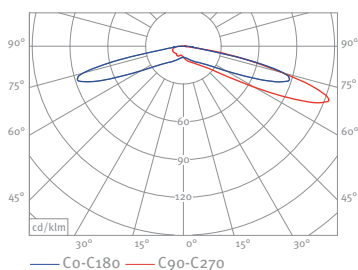
MAINS LS-PR 1.5 LED 10W



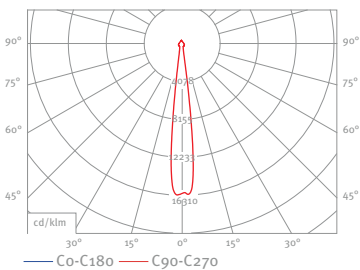
MAINS LA-VELO ME LED 23W



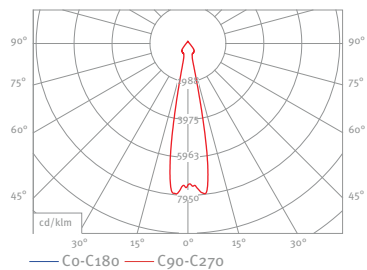
MAINS LA-CLS 2 LED 22W



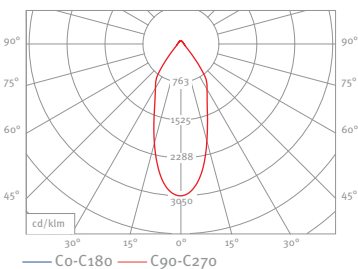
MAINS LA-BR LED 10W



MAINS LS-WG LED 13W



MAINS LS-WG LED 20W



MAINS LS-WG LED 40W

# MONACO







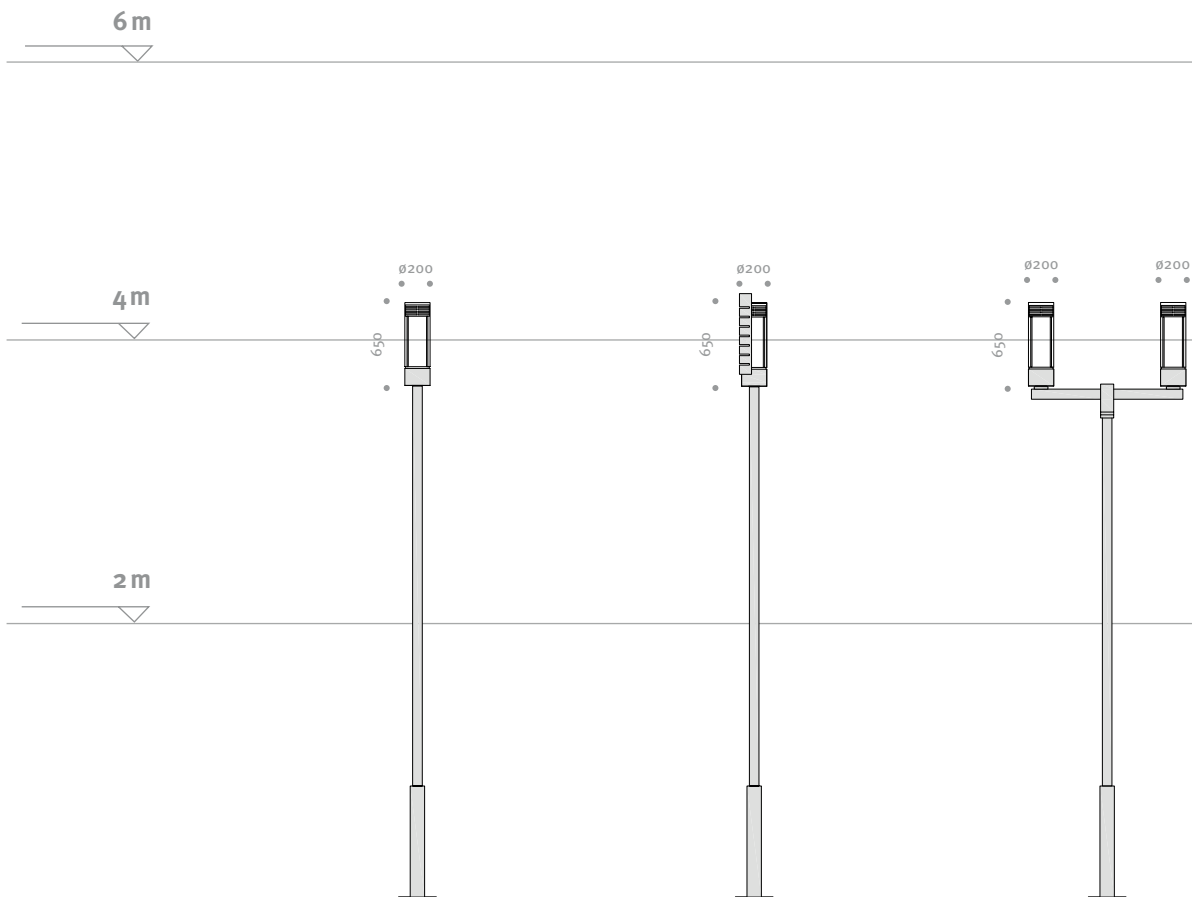
# MONACO

|              |       |         |       |
|--------------|-------|---------|-------|
| 220~<br>240V | IP 65 | Class I | Ra>80 |
| CE           | CCC   | LED     |       |

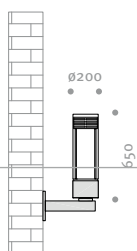
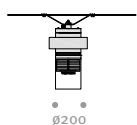
## MONACO

- 360° luminous amenity luminaire. It is suitable for park, plaza, commercial street and residential area, etc.
- Choice of multiple professional optical systems. LED optic is imported from Germany. Energy saving.
- Universal housing fits pole spigot diameters of 60.3 to 82.5 mm without requiring an adapter.
- Supports pole, wall and catenary suspended mounting.
- Cast aluminium housing with integral fitter houses electrical components. Electrostatic powder sprays coating, DB703 finish.
- Clear PMMA enclosure with high transmittance and impact-resistance. Maintains constant shape and color for a long time.
- Options: Housing color, Class II, translucent PMMA enclosure.
- LED dimming or changing color is available upon request.

## MONACO Product Segment



Other heights available upon request



MONACO Optic System

| Type | Lamp | Reflector | Abb.1 | 200 |
|------|------|-----------|-------|-----|
| M    | LED  | Sy        | LS    | ●   |
|      |      | Asy       | LA    | ●   |
| U    | LED  | Sy        | LS    | ●   |
|      |      | Asy       | LA    | ●   |

MONACO Configuration

| Type   |     | M                                                                                   | U                                                                                   |
|--------|-----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Symbol |     |  |  |
| LED    | 22W | ●                                                                                   | ●                                                                                   |
|        | 23W | ●                                                                                   | ●                                                                                   |
|        | 42W | ●                                                                                   | ●                                                                                   |

● YES  
– No



# MONACO Guide

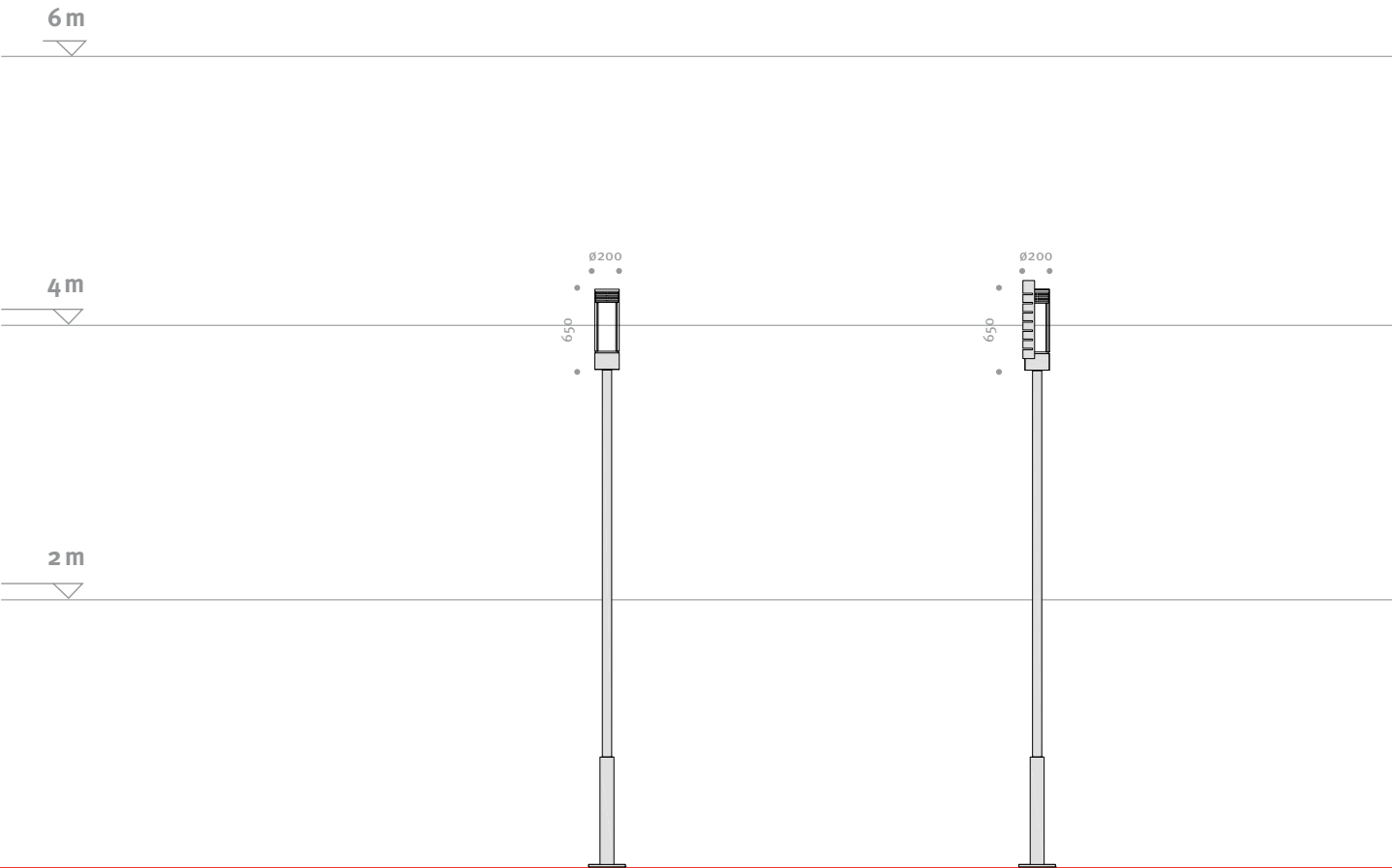
| Article No. | Product Name | Description    | Optics | Lamp |      |
|-------------|--------------|----------------|--------|------|------|
|             |              |                |        | LED  |      |
|             |              |                |        | 22 W | 23 W |
| 9 031 01 01 | Monaco M     | M Series       | LS     | ●    | —    |
| 9 031 01 02 |              |                | LA     | ●    | ●    |
| 9 031 01 21 | Monaco U     | U Series       | LS     | ●    | —    |
| 9 031 01 22 |              |                | LA     | ●    | ●    |
| 2 030 10 01 | Bracket      | L 300mm        | —      | —    | —    |
| 2 030 10 02 |              | L 500mm        | —      | —    | —    |
| 3 030 10 01 | Pole         | Φ76mm H2000mm  | —      | —    | —    |
| 3 030 10 02 |              | Φ120mm H4000mm | —      | —    | —    |

Order No.: Article No. + Bracket No. + Pole No. + Pole Height + Lamp (Colour Temperature)

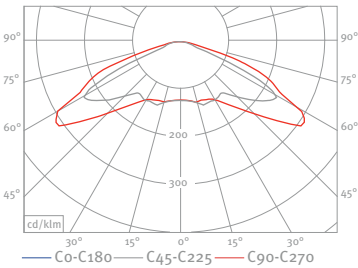




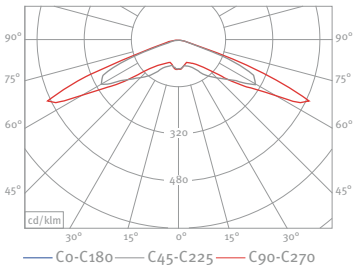
MONACO Product Segment



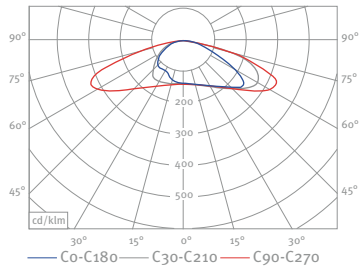
MONACO Photometric Data



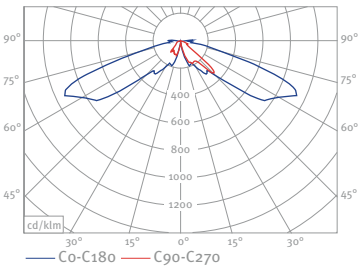
MONACO LS-CLS 1 LED 22W



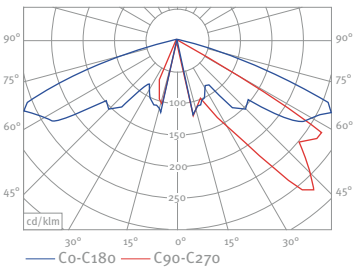
MONACO LS-CLP 1 LED 22W



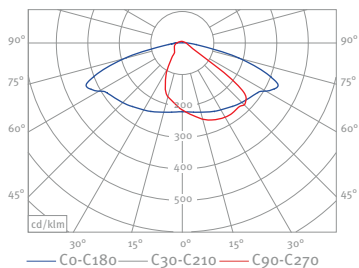
MONACO LA-CLS 1 LED 22W



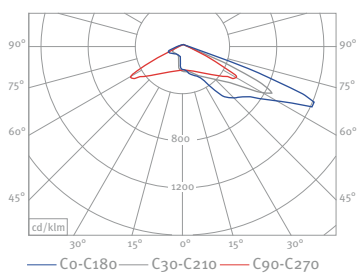
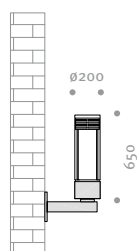
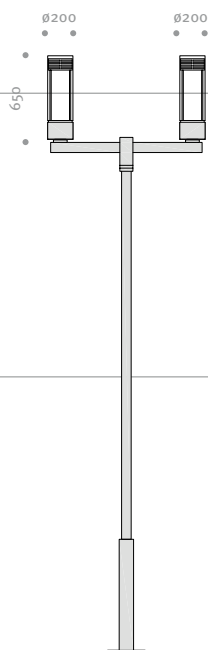
MONACO LA-VELO S LED 23W



MONACO LA-VELO ME LED 23W



MONACO LA-CLS 2 LED 22W



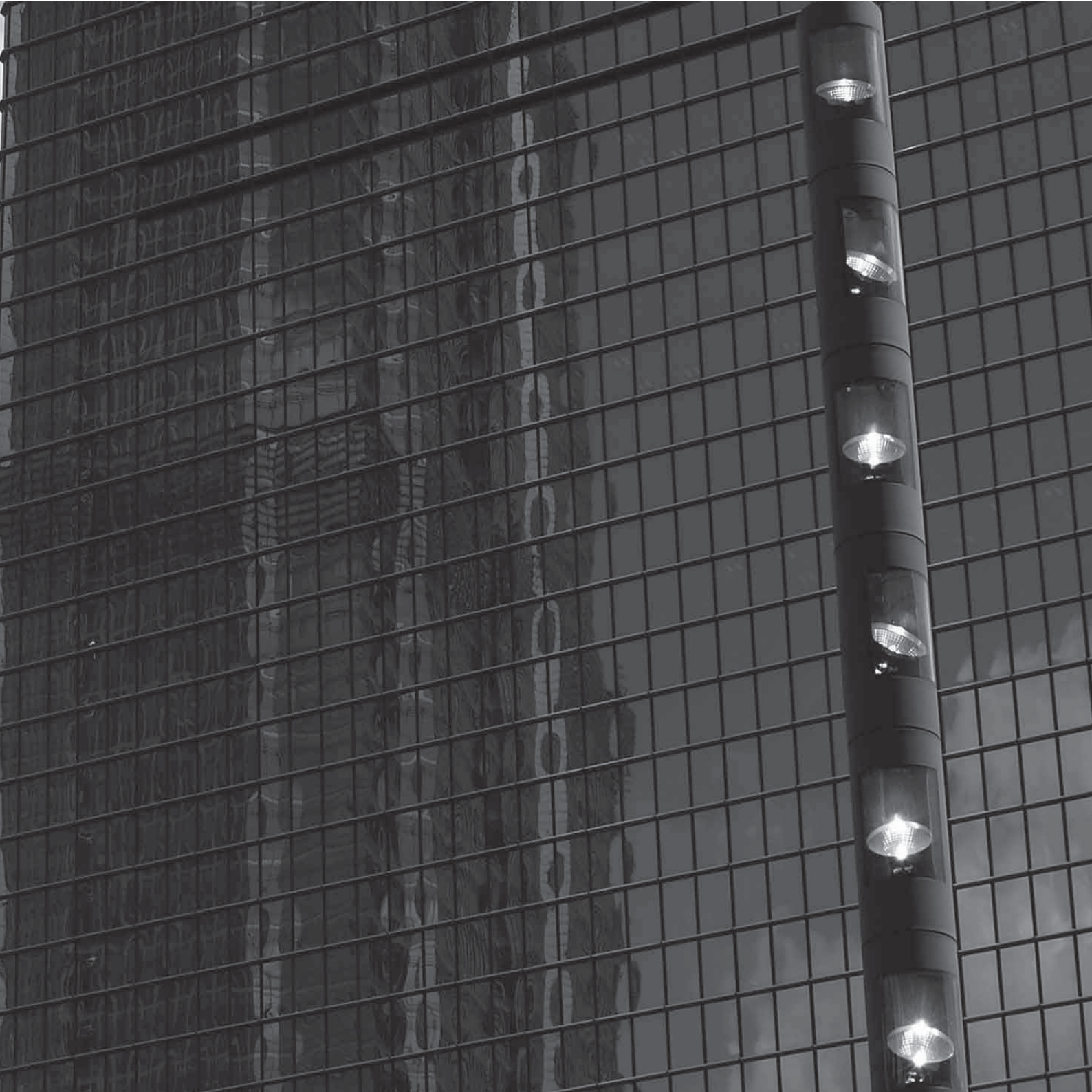
MONACO LA-CLP 1 LED 22W







# GLOSSARY



## Glossary

| Product Diameters |                               |
|-------------------|-------------------------------|
| <b>252</b>        | Product diameter $\phi$ 252mm |
| <b>200</b>        | Product diameter $\phi$ 200mm |
| <b>184</b>        | Product diameter $\phi$ 184mm |
| <b>150</b>        | Product diameter $\phi$ 150mm |

| Product Segment |                           |
|-----------------|---------------------------|
| <b>T</b>        | Top elements              |
| <b>M</b>        | Intermediate elements     |
| <b>B</b>        | Base elements             |
| <b>L24</b>      | 240° lighting             |
| <b>L361</b>     | 360° lighting 1           |
| <b>L362</b>     | 360° lighting 2           |
| <b>DL</b>       | Down lighting             |
| <b>UDL</b>      | Up and down lighting      |
| <b>SL</b>       | Side lighting             |
| <b>UL</b>       | Up lighting               |
| <b>UDSL</b>     | Up,down and side lighting |
| <b>SFL</b>      | Side Flood light          |
| <b>VS</b>       | Security                  |
| <b>LS</b>       | Speaker                   |
| <b>WF</b>       | Wifi                      |
| <b>DE</b>       | Detection                 |
| <b>GB</b>       | GOBO                      |
| <b>RE</b>       | Research                  |
| <b>MS</b>       | Management System         |
| <b>B18</b>      | Bollard Lighting          |
| <b>B24</b>      | Bollard 240°              |
| <b>B36</b>      | Bollard 360°              |
| <b>EV</b>       | Electricity               |
| <b>UFL</b>      | Up Flood light            |

| Product Optic Systems |                                                              |
|-----------------------|--------------------------------------------------------------|
| <b>LS-CLS 1</b>       | LED symmetrical optic system, CLS1 lighting distribution     |
| <b>LS-CLP 1</b>       | LED symmetrical optic system, CLP1 lighting distribution     |
| <b>LS-CLH 1</b>       | LED symmetrical optic system, CLH1 lighting distributionLED  |
| <b>LS-PR 1.5</b>      | LED symmetrical optic system, beam angle 1.5°                |
| <b>LS-PR 3</b>        | LED symmetrical optic system, beam angle 3°                  |
| <b>LS-ARR 10</b>      | LED symmetrical optic system, beam angle 10°                 |
| <b>LS-ORS 16</b>      | LED symmetrical optic system, beam angle 16°                 |
| <b>LS-ARR 20</b>      | LED symmetrical optic system, beam angle 20°                 |
| <b>LS-ARR 30</b>      | LED symmetrical optic system, beam angle 30°                 |
| <b>LS-ORS 35</b>      | LED symmetrical optic system, beam angle 35°                 |
| <b>LS-ORS 55</b>      | LED symmetrical optic system, beam angle 55°                 |
| <b>LA-CLS 1</b>       | LED asymmetrical optic system, CLS1 lighting distribution    |
| <b>LA-CLS 2</b>       | LED asymmetrical optic system, CLS2 lighting distribution    |
| <b>LA-CLP 1</b>       | LED asymmetrical optic system, CLP1 lighting distribution    |
| <b>LA-VELO S</b>      | LED asymmetrical optic system, VELO S lighting distribution  |
| <b>LA-VELO ME</b>     | LED asymmetrical optic system, VELO ME lighting distribution |
| <b>LS-WG13</b>        | LED symmetrical optic system, beam angle 13°                 |
| <b>LS-WG20</b>        | LED symmetrical optic system, beam angle 20°                 |
| <b>LS-WG40</b>        | LED symmetrical optic system, beam angle 40°                 |

**Aldridge Traffic Systems Pty Ltd**  
12 - 14 Leeds Street  
Rhodes NSW 2138

**Phone** + 61 2 9736 3677  
**Facsimile** + 61 2 9736 3391  
**Email** [info@aldriggetraffic.com.au](mailto:info@aldriggetraffic.com.au)  
**Web** [aldriggetraffic.com.au](http://aldriggetraffic.com.au)

**VIC**

P +61 3 9430 0222  
F +61 3 9430 0244

**SA**

P +61 8 8362 2385

**NT**

P +61 8 8947 0733  
F +61 8 8947 0713

**ACT**

P +61 2 6299 7922  
F +61 2 6299 7977

**WA**

P +61 8 9248 1002  
F +61 8 9209 2288

**United Kingdom**

P +44 (0) 1159 223 797  
F +44 (0) 7711 511 183

**QLD**

P +61 7 3266 1900  
F +61 7 3266 2244

**TAS**

P +61 3 6273 1177  
F +61 3 6273 1759



Lighting Systems

**ALDRIDGE**