

ALDRIDGE

CE | City
Elements



Smart City
Smart Pole
Smart Solution



With a combined 100 years of experience in dealing with public space environments through road users such as motorists, pedestrians and cyclists, Traffic Technologies delivers through its subsidiary Aldridge - Lighting Systems a state of the art, single point, multifunctional "Smart City" IoT platform, TST.

A multifunctional system that works within today's multicultural and business objectives to deliver today's "Smart City" requirements with state of the art software, hardware and architectural aesthetics to blend into today's urban environment delivering, Safety – Conductivity – Security - Management through a seamless portal.

The combination of the multifunctional elements of Lighting, Detection, Security, Emergency Communication and an Urban User Interface at one point, one pole, one portal delivers a multitude of combinations required through "City Elements" (CE), for today's adaptive and responsive cities.



Smart City
Smart Pole
Smart Solution

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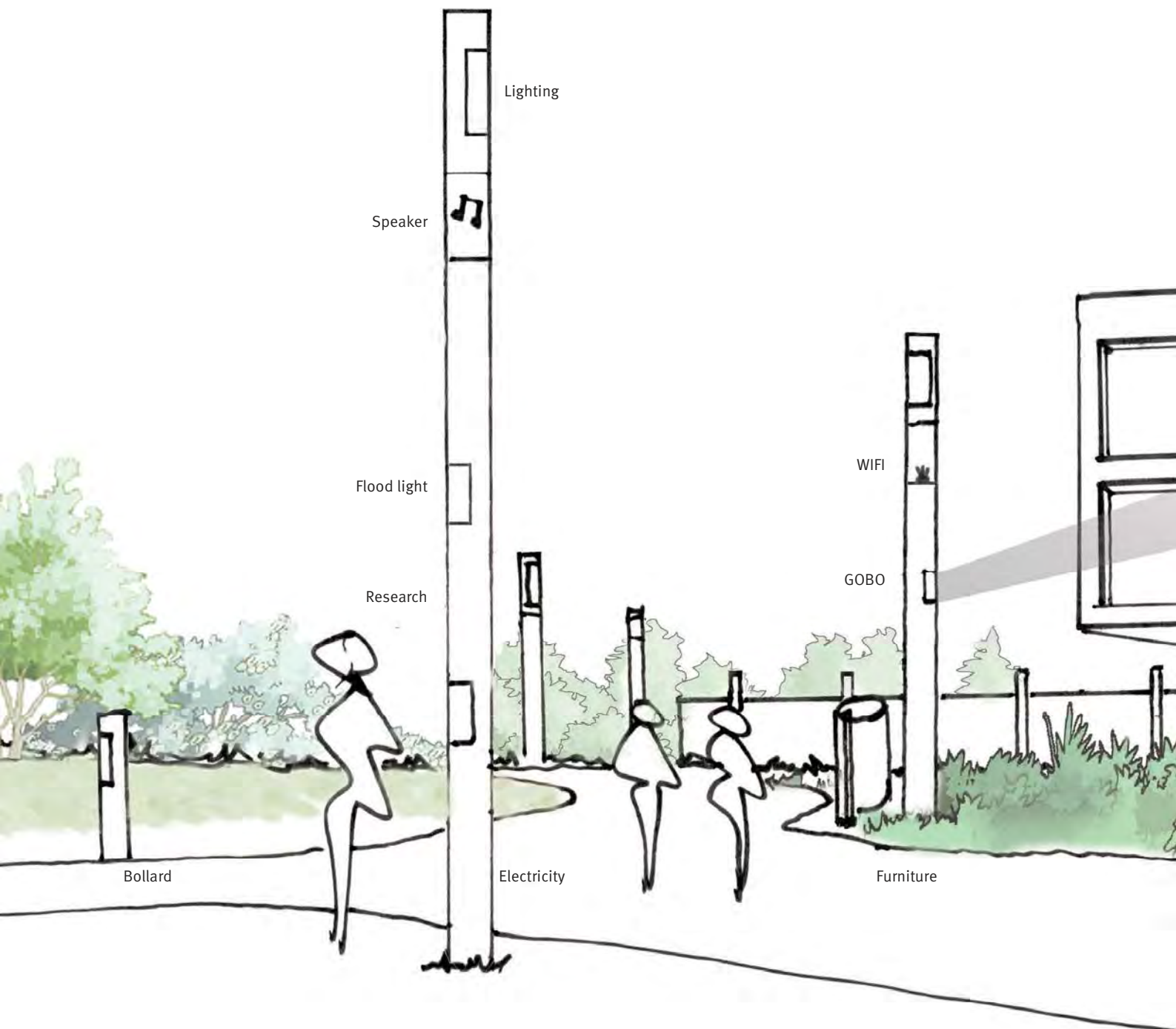
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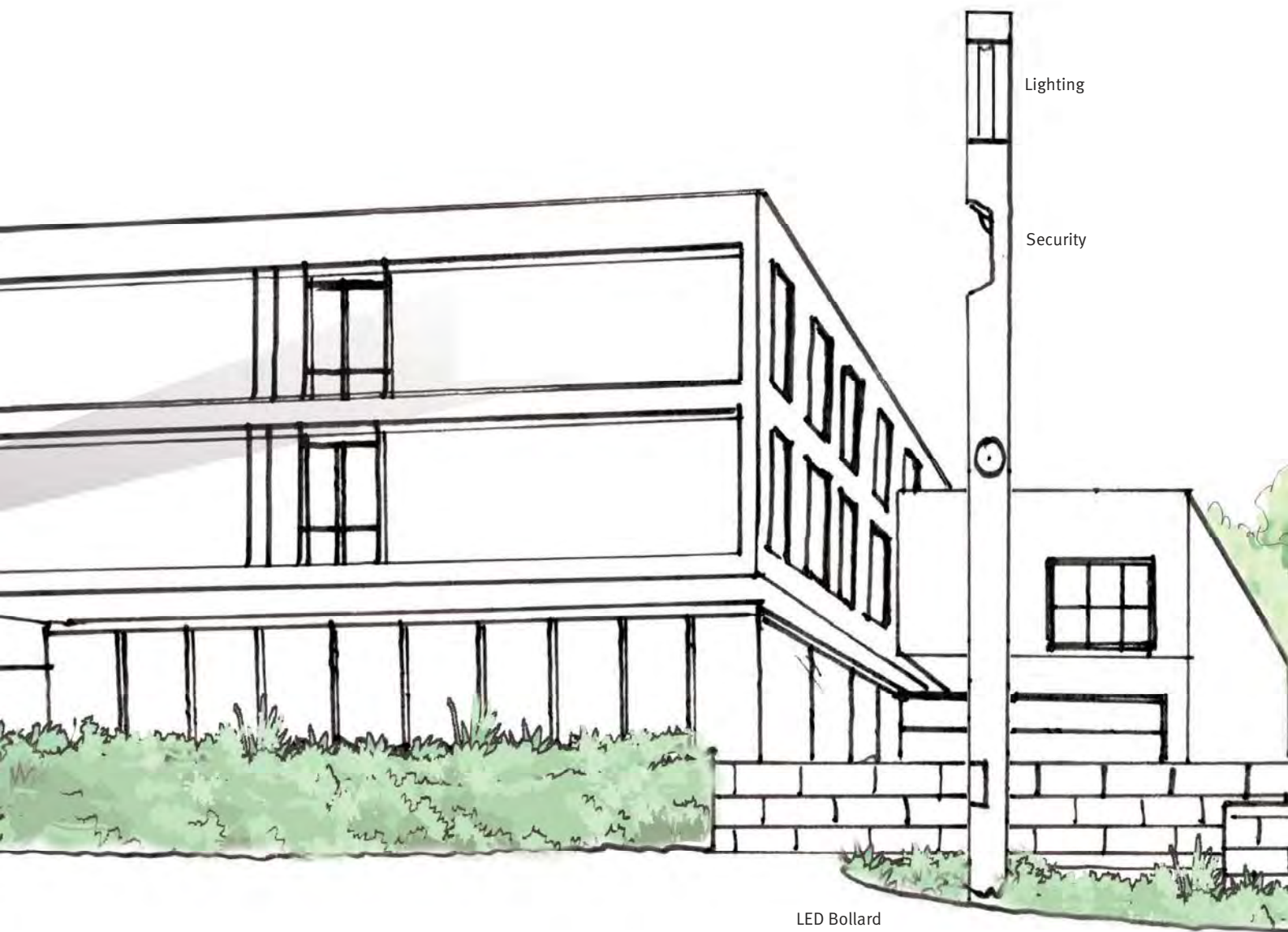


CE









Lighting

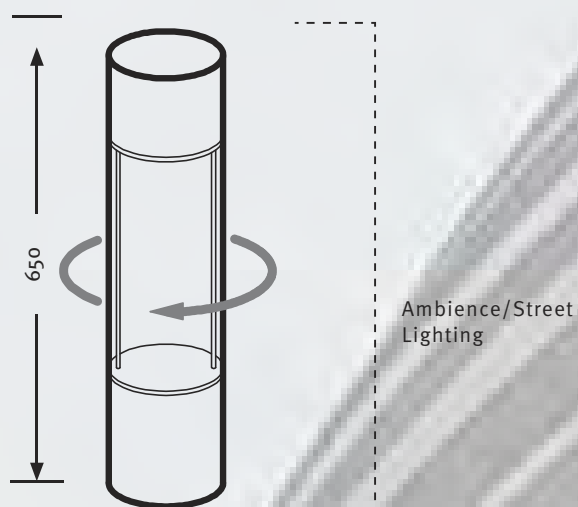
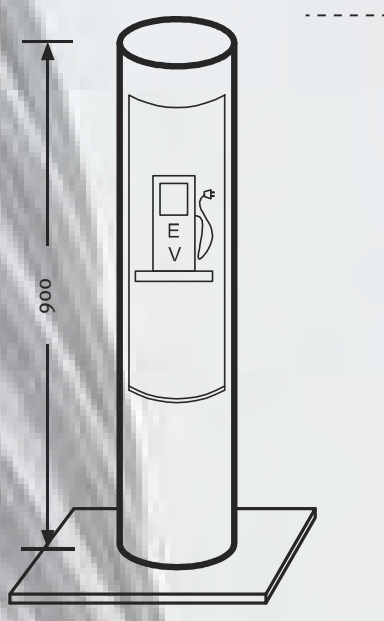
Security

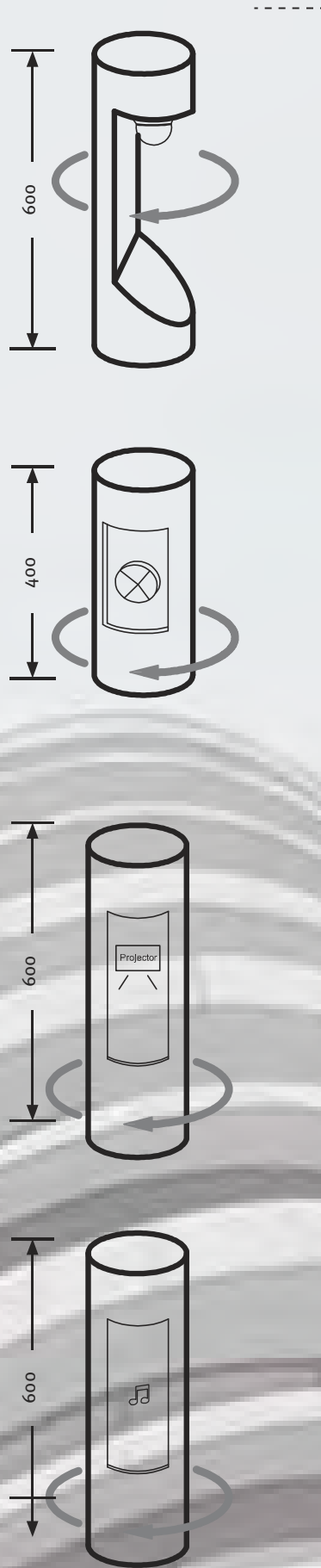
LED Bollard

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~ 240V	IP 65	Class I	Ra>80
CE	CCC	LED	

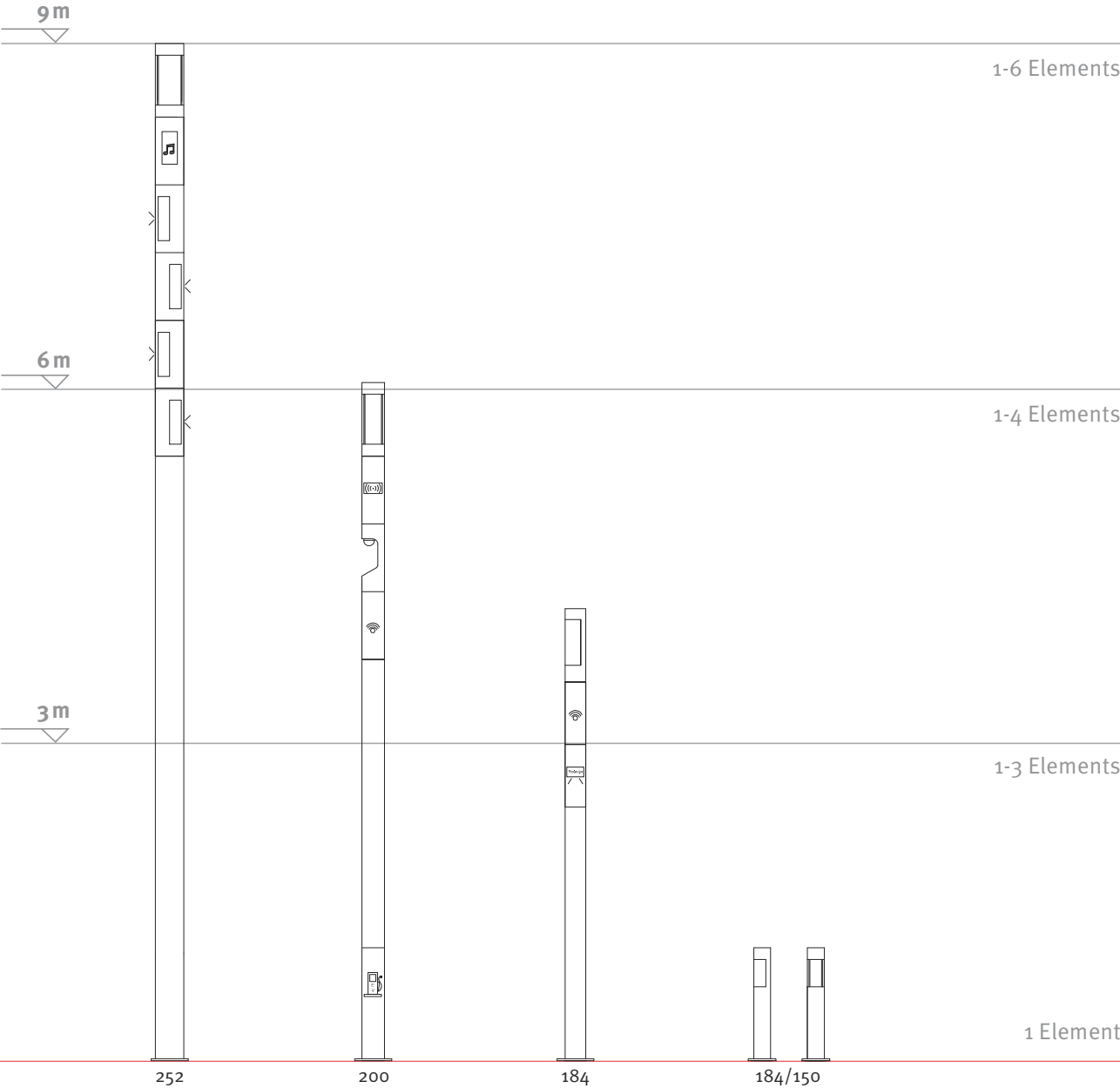




Flood/Architectural Lighting

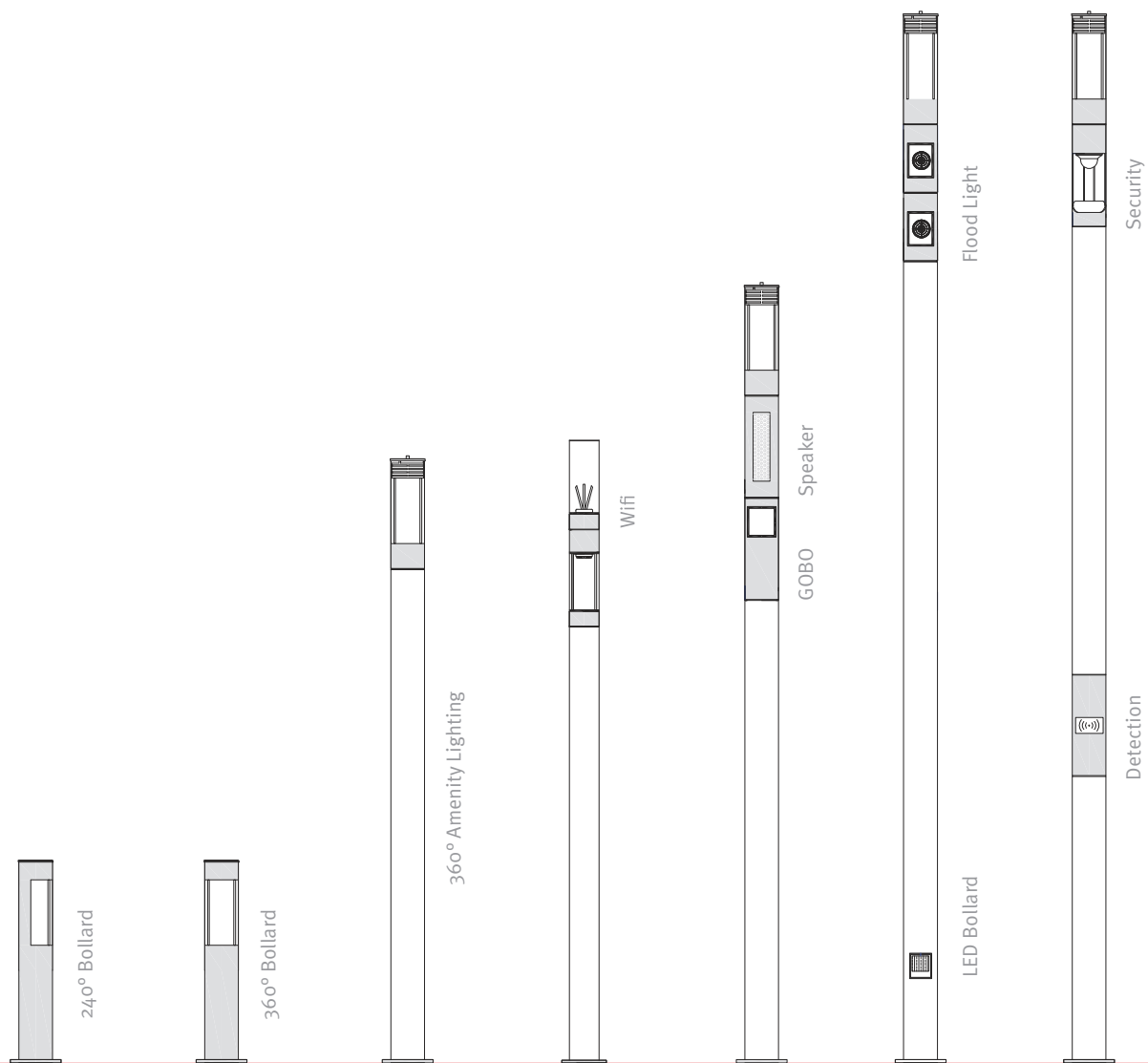
Other functions (Security, Speaker, Wifi, etc)

CE Product Segment



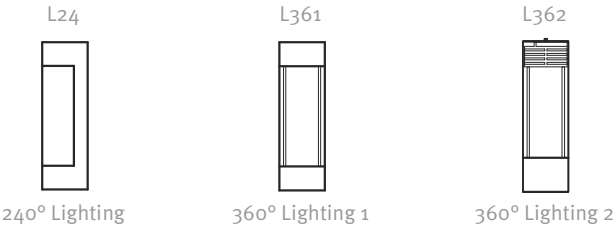
Other heights available upon request

All poles with flange plates

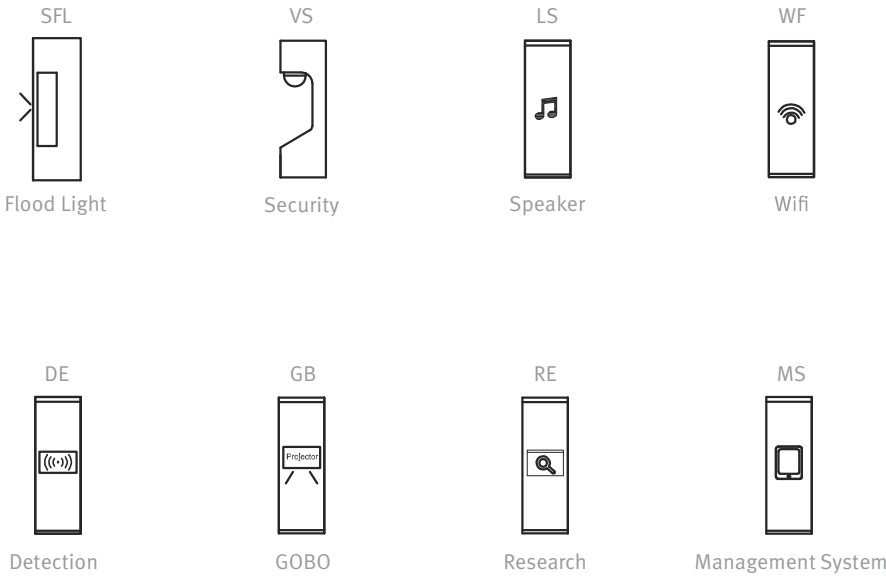


CE Elements

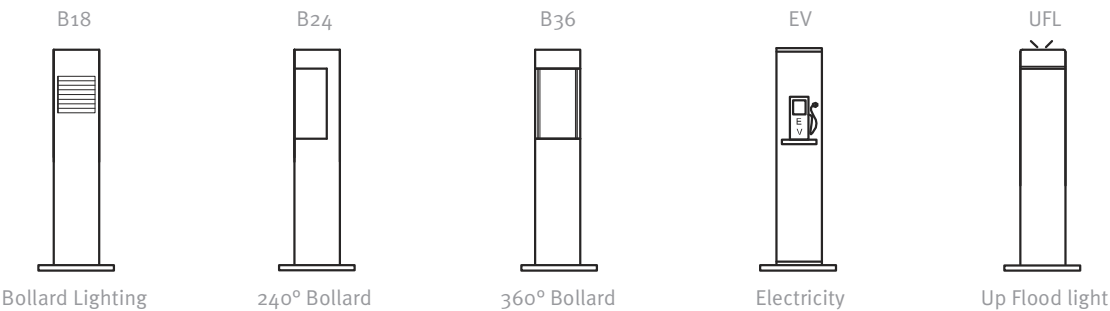
Top Elements



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
								
—	—	—	—	—	—	—	—	—
•	•	•	•	—	—	—	—	—
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WF	DE	RE	MS	B18	B24	B36	EV	UFL
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—	—	—	—	•	•	•	—	•
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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)

[illegible]

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

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
●	●	—	●	—	—
●	—	—	—	—	—
●	●	—	●	—	—
●	—	—	—	—	—
●	●	—	●	—	—
—	—	—	—	—	—
●	●	—	●	—	—
●	●	—	●	—	—
●	●	—	●	—	—
●	●	—	●	—	—
●	●	—	●	—	—
●	—	—	—	●	—
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●	●	—	●	—	—
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—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—

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	●	●	—

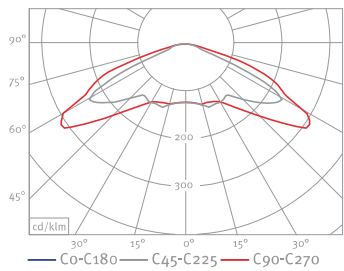
Order No.: Article No. + Pole Height + Lamp (Colour Temperature)



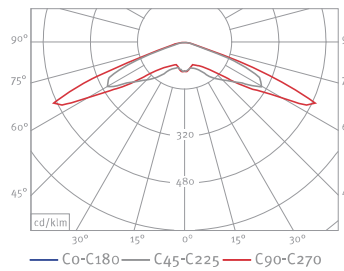
LED				
23 W	30 W	33 W	44 W	46 W
●	—	—	—	—
—	—	—	—	—
●	—	—	—	—
—	—	—	—	—
●	—	—	—	—
—	—	—	—	—



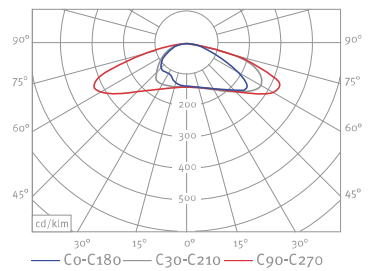
CE Photometric Data



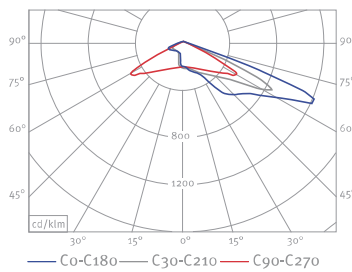
CE LS-CLS 1 LED 22W



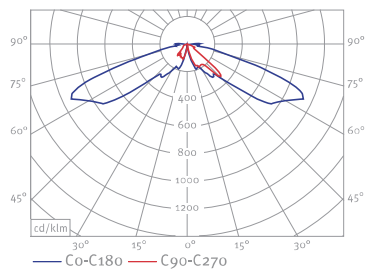
CE LS-CLP 1 LED 22W



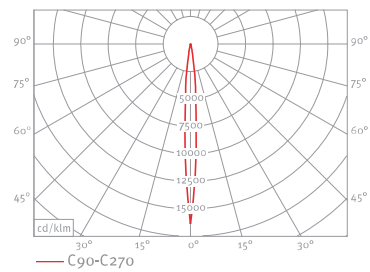
CE LA-CLS 1 LED 22W



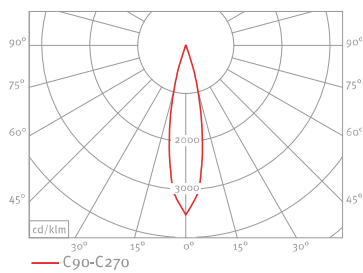
CE LA-CLP LED 22W



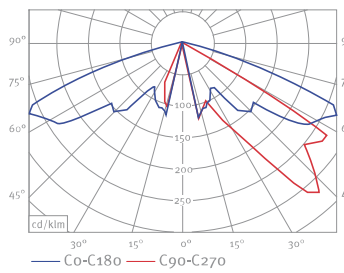
CE LA-VELO S LED 23W



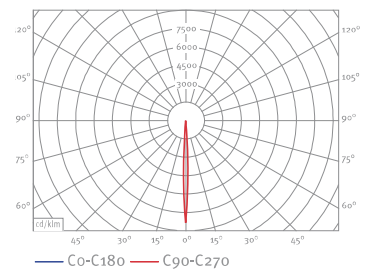
CE LS-ARR 10 LED 22W



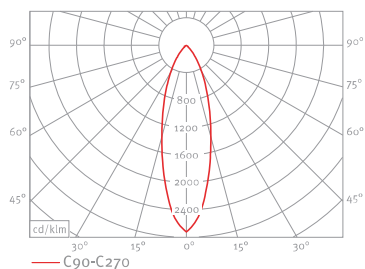
CE LS-ARR 20 LED 22W



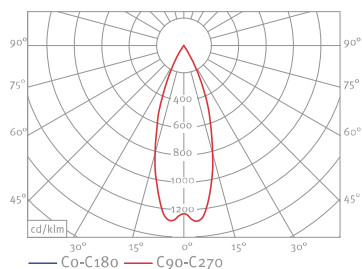
CE LA-VELO ME LED 23W



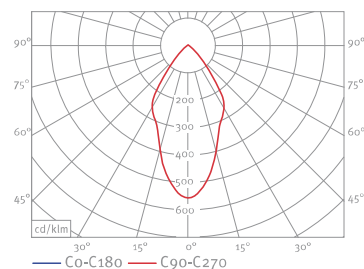
CE LS-PR 1.5 LED 10W



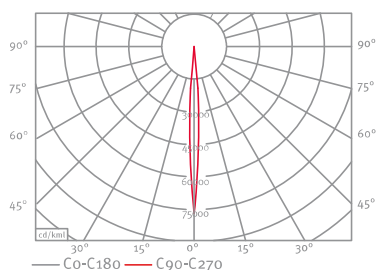
CE LS-ARR 30 LED 22W



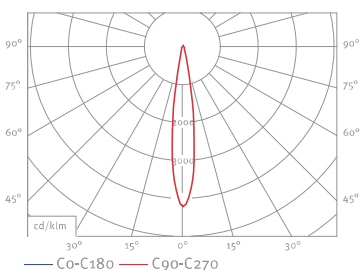
CE LS-ORS 35 LED 22W



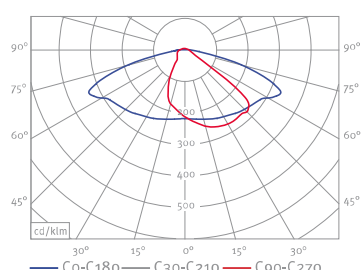
CE LS-ORS 55 LED 22W



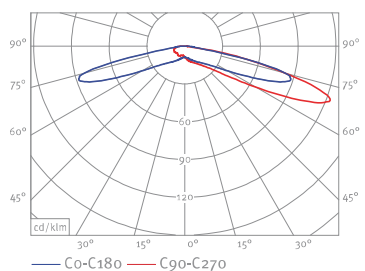
CE LS-PR 3 LED 30W



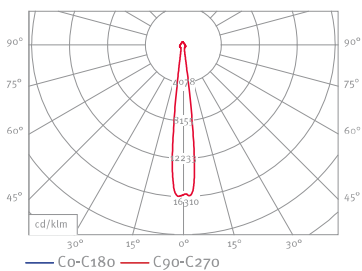
CE LS-ORS 16 LED 22W



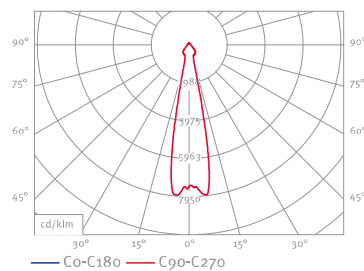
CE LA-CLS 2 LED 22W



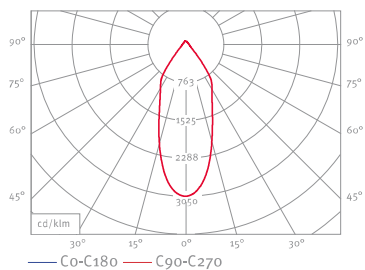
CE LA-BR LED 10W



CE LS-WG LED 13W



CE LS-WG LED 20W



CE LS-WG LED 40W

Glossary

Product Diameters	
252	Product diameter ϕ 252mm
200	Product diameter ϕ 200mm
184	Product diameter ϕ 184mm
150	Product diameter ϕ 150mm

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

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





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