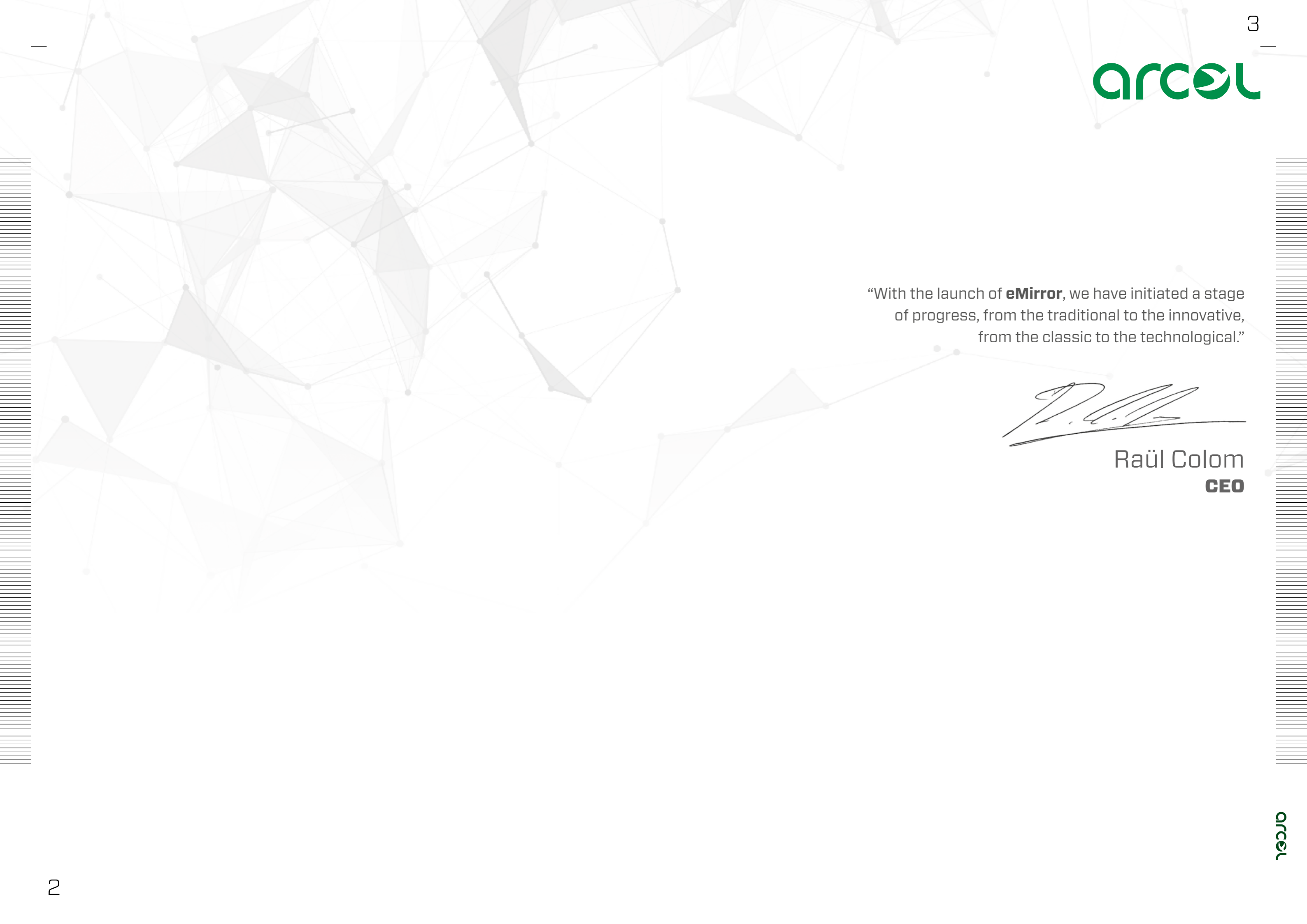




2023 |

evolving vision



“With the launch of **eMirror**, we have initiated a stage of progress, from the traditional to the innovative, from the classic to the technological.”

Raül Colom
CEO

arcel
80
80 years of presence
in the sector and
positioning

PEOPLE

SOCIAL
RESPONSABILITY

R+D

SOLIDARITY

360°
MANAGEMENT



Index

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About us

R&D

Our R&D team has extensive experience focusing on the development of the different products, from its conception to its launch, always paying close attention to the detail with the aim of achieving customer satisfaction with high quality products. We complement it with firmware development. All our developments are homologated according to the applicable regulations.

Design

Design thinking. Innovation approach focused on product development needed to ensure road safety. Tailor made & exclusive products.



Manufacturing & Production Processes

Industrial production with operational excellence, in-house flexible processes, high-quality products and short delivery times.

Internalization of operations and resources to offer the best range of products and solutions to our customers: 3D printing machines, new plastic injection machines, SMD production line, R&D test laboratory, climatic chamber,... Covering both mechanical and electronics Business Units needs.

Quality

Compliance with manufacturing, communication and trade standards achieving the following certifications: ISO 14001:2015 (environment), ISO 9001:2015 (product quality and internal departments procedures) and IATF 16949:2016 (automotive - OEM's).

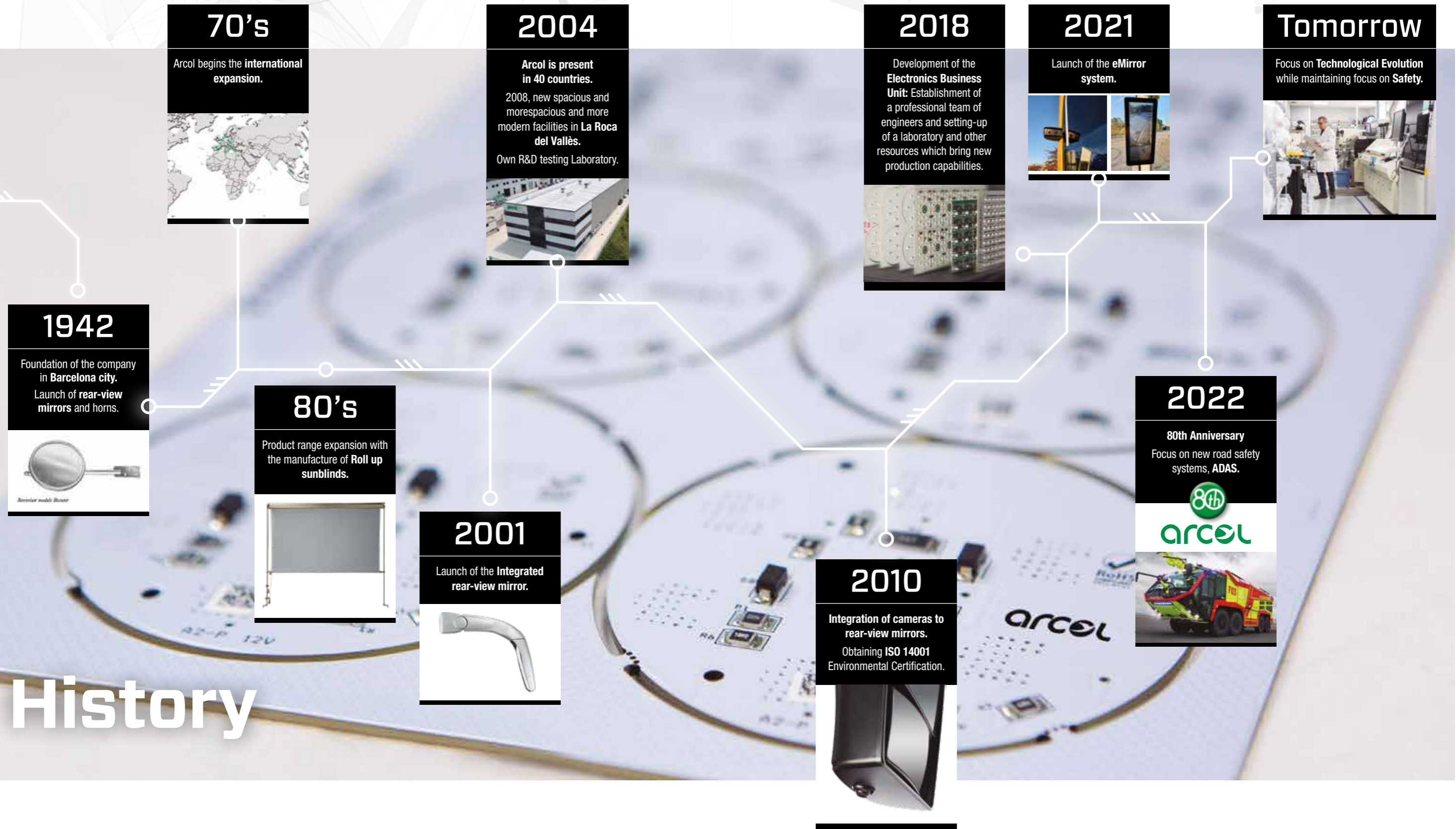
Customer Service

Close customer support at all stages of the process from the interest in the product through the purchase and post-sale. This service is very positively valued by our customers.

Evolving Technology & Safety

Commitment to technological evolution in products that support and guarantee greater road safety including ADAS developments: cameras, eMirror, Memory system and many more to come.

History





Industries



Coach

Our extensive in this industry allows us to cover all needs for each customer. Aerodynamic products as a result of exclusive designs



City Bus

Under the premises of safety and design together with the latest technology to get the best visibility in the cities



Mini Bus

Innovation, security, design... adapted to smaller buses to achieve the maximum functionality within the cities



Motorhome

Concept of travel, enjoying the journey... that is adventure but without forgetting safety and design, comfort and functionality and of course the newest technology



Special Vehicles

Strong and resistant products along with the latest technology also suitable for these vehicles: cameras and surveillance systems



Train / Tram

Special developments also suitable for the railway and tram industry. We do highlight the electrically folding systems, which become essential when arriving at the rail station



Products

- | eMirror
- | ADAS
- | Rear-view mirrors
- | Sunblinds

PRODUCTS

arcel

eMirror

In house design and development

Automotive qualified parts (AECQ)

Improve vision in all weather conditions

Wider field of view. Reduce blind spots

Compact & streamline design

Lightweight concept

Better Maniobrability







Evolving Technology

eMirror is the digital CMS (Camera Monitoring System) with high definition cameras (HD) that replaces mirrors.

It is an innovative product that provides improved vision under any weather conditions.

It optimizes the total cost of ownership and guarantees greater safety.

Increased Safety

INDUSTRIES	 COACH	 MOTORHOME
	 CITY BUS	 SPECIAL VEHICLES
	 MINI BUS	 TRAIN / TRAM

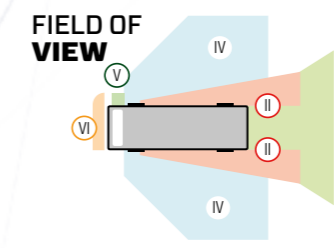


Homologation according R46 - R10 -R118



arcol.es/emirror

Technical Specifications



INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

TFT led Monitor
1900x720 Pixels

Software update through Ethernet/Can-bus

Anti-glare, anti-reflecting and anti-finger surface treatment

Flatted images without distortion

Configurable vehicles lines

Auto dimming

Can-bus connection

Shockproof ABS Housing

Universal VESA bracket for easy mounting

DC 12/24 V

Shockproof ABS Housing

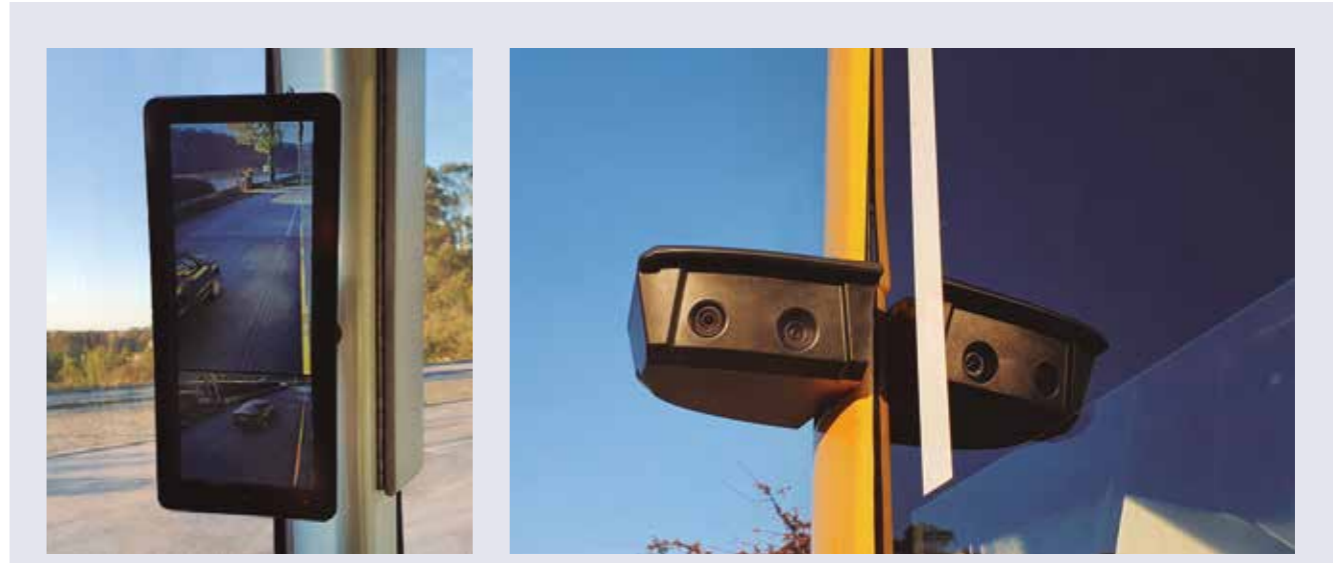
Automatic heating

IP 69K Certified Cameras

Water Repellent (Hydrophobic) and Anti-Dust Lens treatment

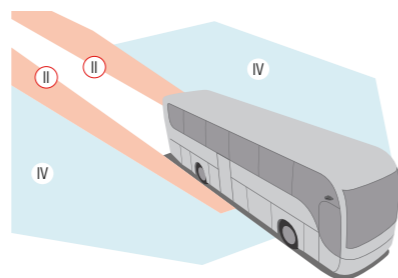
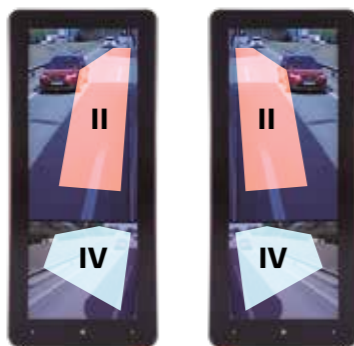
Digital High Definition Images

HDR - High Dynamic Range

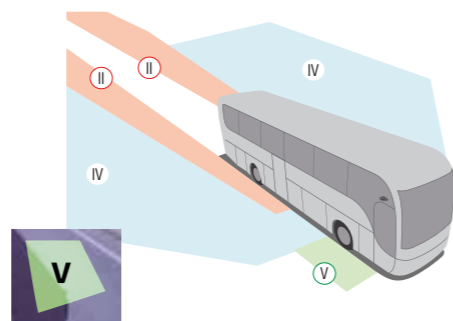
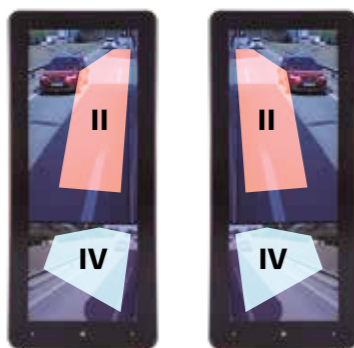


Digital cameras

Digital cameras LH II/IV - RH II/IV

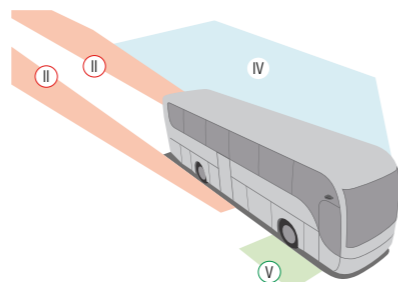
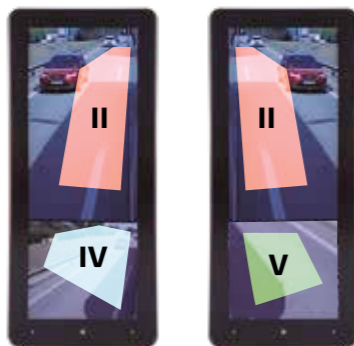


Digital cameras LH II/IV - RH II/IV/V



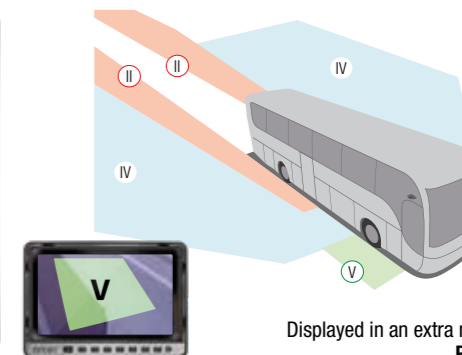
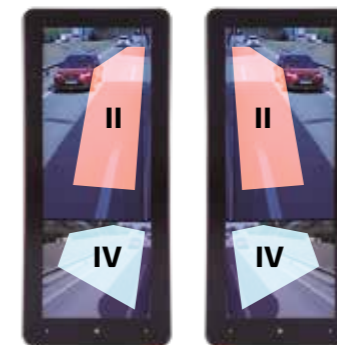
Cat IV display can be replaced with Cat V image permanently or switchable

Digital cameras LH II/IV - RH II/V



Digital + analogic cameras

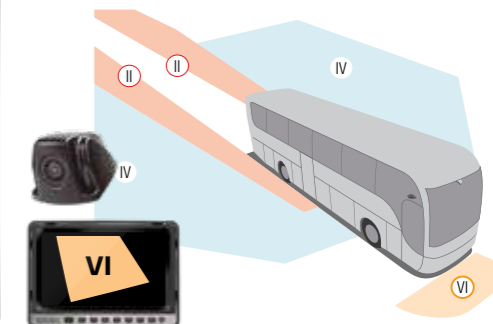
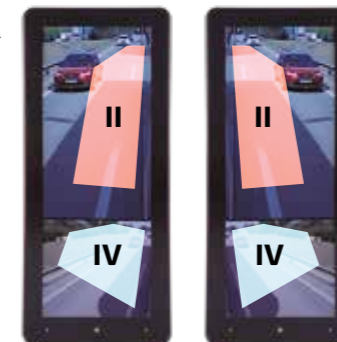
Digital + analogic cameras LH II/IV - RH II/IV/V



V CAT.
Displayed in an extra monitor
PAG. 26

Digital + analogic cameras LH II/IV - RH II/IV/VI

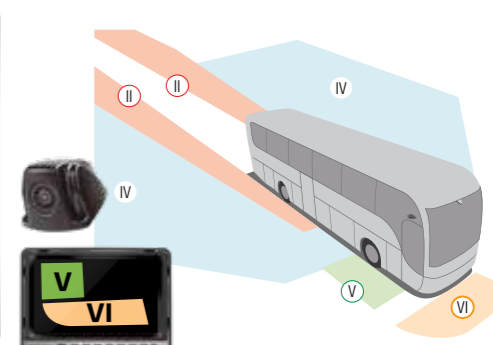
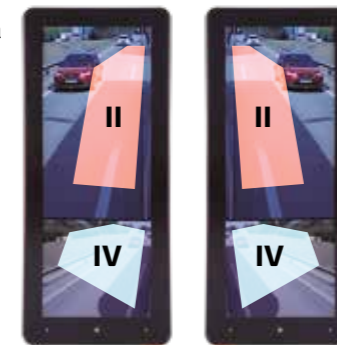
V and VI CAT.
Displayed with an extra monitor and camera
PAG. 24 and 26



Permanent display of Cat II - IV and V with additional monitor. Cat V switchable with Cat VI.

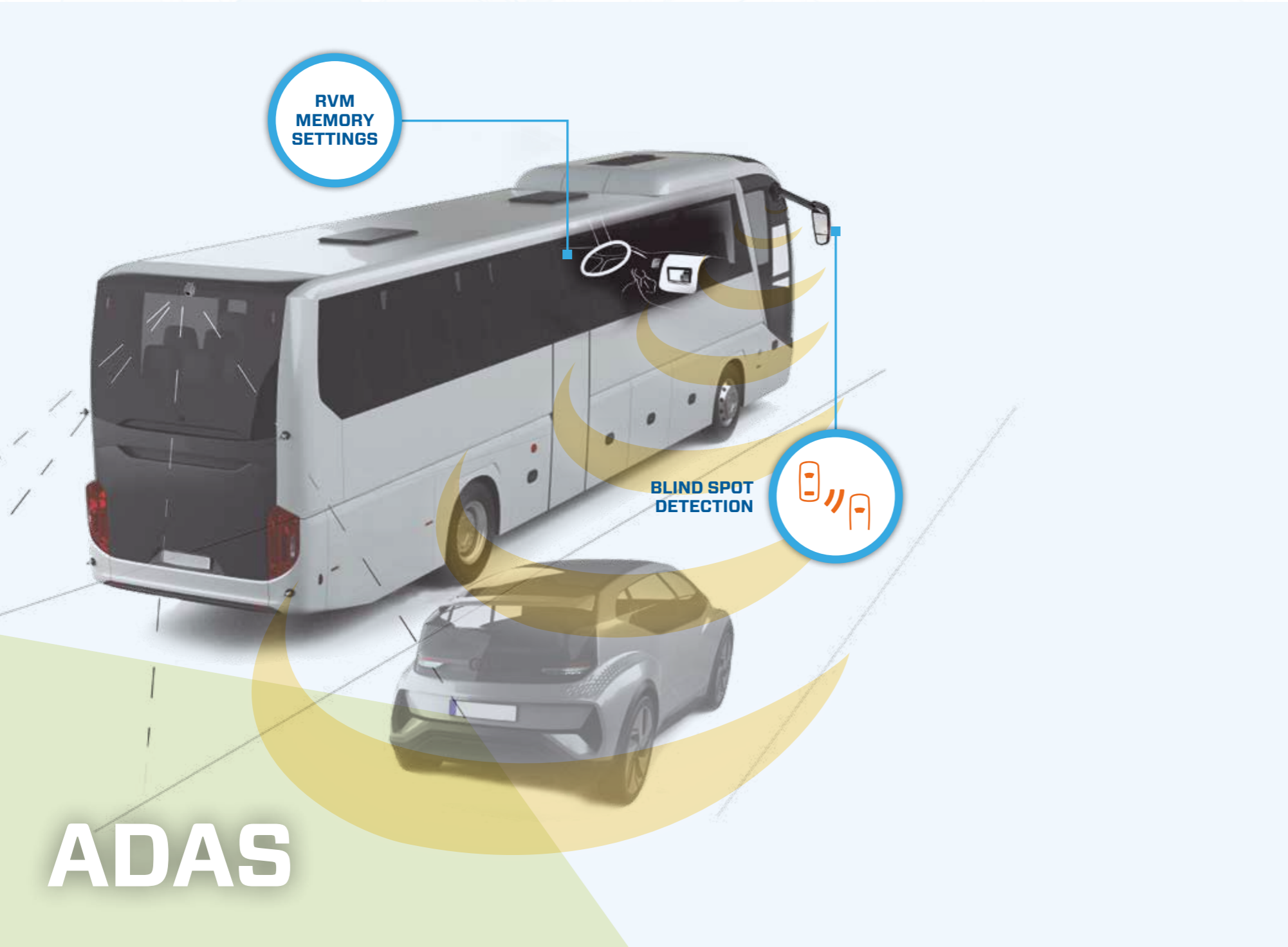
Digital + analogic cameras LH II/IV - RH II/IV/V/VI

V and VI CAT.
Displayed with an extra monitor and camera
PAG. 24 and 26



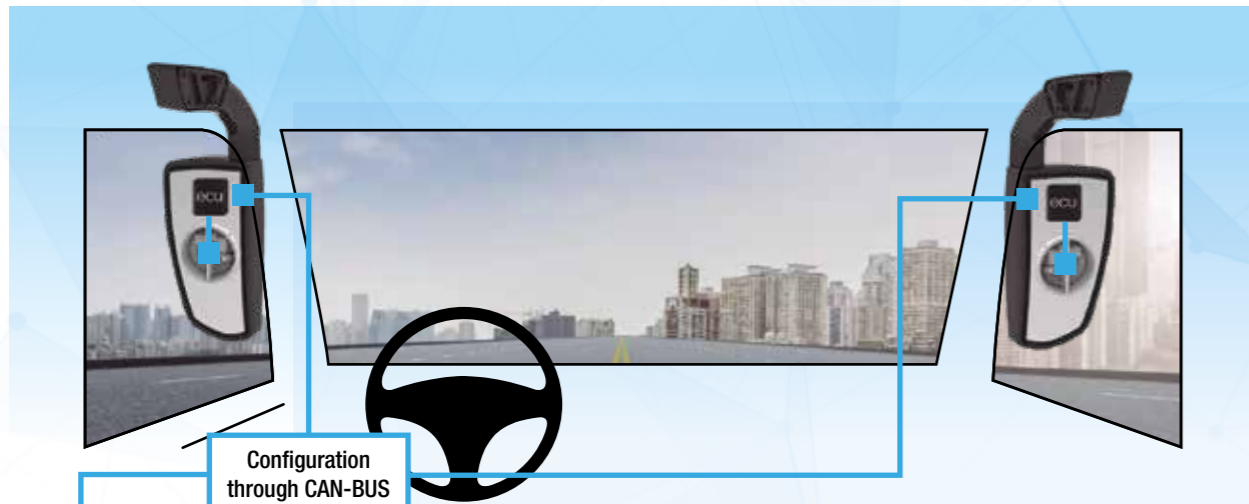
Permanent display of Cat II - IV and V and/or VI with additional monitor. Cat V switchable with Cat VI.

ADVANCED DRIVER ASSISTANCE SYSTEMS

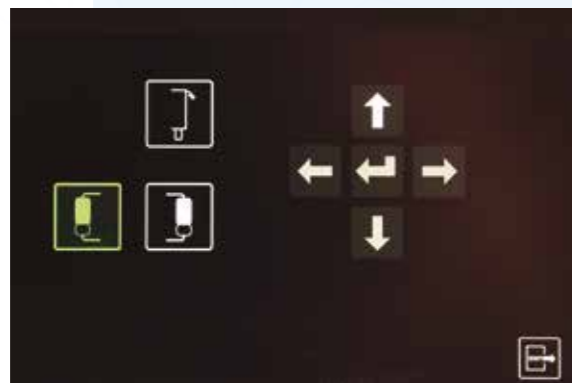


RVM memory settings

Increase your driving comfort



Configuration through CAN-BUS



FUNCTIONALITIES

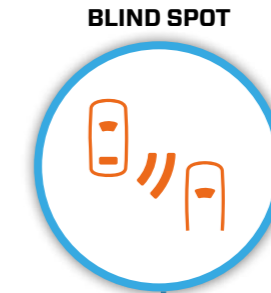
- » Mirror Heater
- » Mirror Position Adjustment
- » Right, Left mirror selection
- » Mirror Position Memory
- » Automatic Position Adjustment



Different drivers require different mirror adjustments

Blind Spot

BLIND SPOT:
Increase your driving security



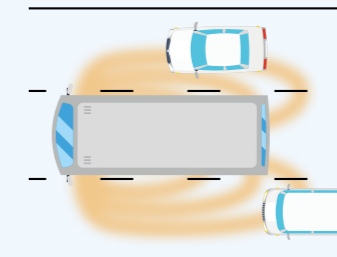
TECHNICAL SPECIFICATIONS BLIND SPOT

- » Operating frequency
24.0 - 25 GHz
- » Transmit Power (max.)
10 dBm
- » Speed Range
1 - 100 Km/h (differential speed)
- » Direction of movement
Approached or overtaken by vehicles
- » Operating Voltage
12 - 24V
- » Working current
< 200mA
- » Working temperature
-40 °C + 85°C

HOW DOES IT ALERT?

Rear-view mirror led will be illuminated when there is an object approached within blind spot area of the vehicle. If the signal is activated, the buzzer will also beep (with the same frequency).

Rear-view mirror led and buzzer will standby (no activity) if there is no object approaching within blind area of your vehicle.



cameras & monitors

C-EB



C-45



C-S



7"



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS
	MOTORHOME
	SPECIAL VEHICLES
	TRAIN / TRAM

Focused to get **the best visibility to provide the increased safety** to our drivers. Suitable for Bus, Coach, Motorhome, Mini and Midibus. Our cameras allow to handle and drive in difficult situations where visibility is limited.

Equipped with monitor systems, this provides a very useful and reliable tool for the driving assistance. There is **nothing hidden**.

Better Visibility = **Increased Safety**



Easy configuration

Flexible and easy adaptation and installation

Active and reliable work

**Latest Technology
in the driving assistance field**

I C-EB
4 pins connector









CAMERA 150° EYEBALL
CAMERA 150° PARKING LINES EYEBALL
CAMERA 150° MIRROR EYEBALL

I C-45
4 pins connector



CAMERA 170° PARKING LINES 45°

INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

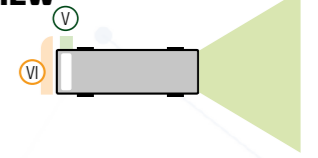
I C-S
4 pins connector



CAMERA WITH HOUSING 170°

cameras

FIELD OF VIEW



TECHNICAL SPECIFICATION

- » External camera for Bus, Motorhome, Mini and Midibus
- » CMOS Sensor
- » Operating temperature between -30°C and 60°C
- » Vibration proof
- » PAL system
- » Waterproof IP67
- » Sunlight resistance glass
- » Parking lines and Mirror images available
- » Voltage DC 12V
- » Resolution: 712 x 486p
- » Homologated: R10 and R-46









**Latest Technology
in the driving assistance field**

7"
4 pins connector

✓ **HOMOLOGATED**
R-10, R46 and R118
Monitor 7" 2 CAMERAS
Monitor 7" 4 CAMERAS QUAD



INDUSTRIES

 COACH	 MOTORHOME
 CITY BUS	 SPECIAL VEHICLES
 MINI BUS	 TRAIN / TRAM

MAIN FEATURES

Integrated Sunvisor



Stand alone Bracket



U-shape Bracket



Extension Cable / OPTIONAL



AVAILABLE IN DIFFERENT LENGTHS
6m - 8m - 10m - 15m - 20m - 30m

monitors

TECHNICAL SPECIFICATIONS

- » Vibration proof
- » PAL/NSTC (Auto) System
- » Sunlight resistance glass
- » OSD Menu
- » Optional Parking Lines
- » Voltage DC12V-DC32V
- » Resolution 800x480 Pixel
- » 2 AV Inputs & 2 Trigger wires or 4 AV Inputs & 4 Trigger Wires
- » Operating temperature: -20°C to 70°C
- » Dimensions 177x122x26 mm
- » R10
 - 2 Cameras Monitor System: E2*10R06*22066*00
 - 4 Cameras Monitor System: E2*10R06*22067*00
- » R46
 - 2 Cameras Monitor System 160°: E9*46R04/09*16493*00
 - 4 Cameras Monitor System 160°: E9*46R04/09*16492*00



ACCESORIES

- » In Dash Adapter
- » Stand Alone Bracket
- » U-Shape Bracket
- » Integrated Sunvisor
- » Remote Control

REAR-VIEW MIRRORS

serie diagonal

370

371









375

377



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS
	MOTORHOME
	SPECIAL VEHICLES
	TRAIN / TRAM

Its four rear-view mirrors and the **blind spot icon** on each of its models ensures full vision of everything moving around the vehicle and, therefore, a smarter, safer driving experience.

Design, comfort and safety in the same series

370

REAR-VIEW MIRRORS



Memory Settings and Blind Spot icon

High-end design and finishes

Flexibility and adaptability for all industries

Up to Four mirrors

REAR-VIEW MIRRORS







I 370

I 371

I 375

I 377

INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

MAIN FEATURES

Folding System in case of Impact



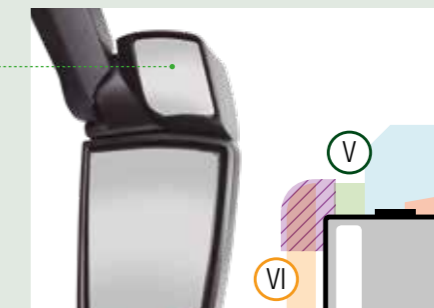
Several Lengths Available



II / IV / V / VI Cat



Corner View (optional)



Camera



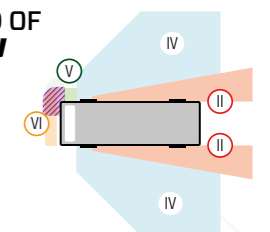
MONITOR PAG. 26

Courtesy Light 375



serie diagonal

FIELD OF VIEW



OPTIONS



BLIND SPOT ICON



serie born







350

351

352



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS
	MOTORHOME
	SPECIAL VEHICLES
	TRAIN / TRAM

Born is the serie with a stylized and aerodynamics design for **stylized and aerodynamics** design only suitable for big size vehicles and optimizing the perfect view of all categories.

Top of the range



352

REAR-VIEW MIRRORS

Totally integrated into the coach

Stylized mirror

Aerodynamic surface

Perfect vision

REAR-VIEW MIRRORS







I 351

I 350

I 352



INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

MAIN FEATURES

Upper or Lower

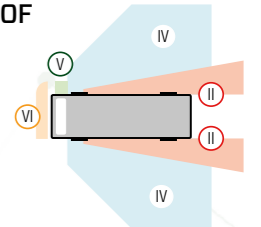


Folding Arm

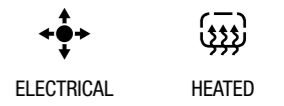


serie born

FIELD OF VIEW



OPTIONS



serie 345

345



345-143



345-190



345-250



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS
	MOTORHOME
	SPECIAL VEHICLES
	TRAIN / TRAM

Following the latest trends, this mirror **shows how innovation and design meet in a unique product.**



345

Mirror
for motorhomes

Design
concept

Folding
Brackets

Bicolor

New light weight
design for 345-190

REAR-VIEW MIRRORS

I 345



INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

MAIN FEATURES

Integrated camera



Courtesy light



Upper or Lower



II / IV Cat



Electric Folding (345-143)

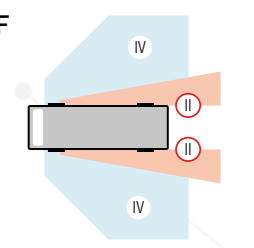


Bicolor painting

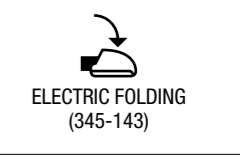
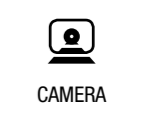
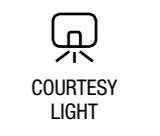
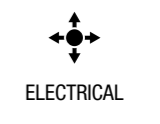


serie 345

FIELD OF VIEW



OPTIONS



REAR-VIEW MIRRORS

serie 340







340



340-220



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS
	MOTORHOME
	SPECIAL VEHICLES
	TRAIN / TRAM

Much more safety is possible in this mirror; just add the **integrated video cameras and further optional features** such as spot light, ...

Safety and additional features



340

REAR-VIEW MIRRORS

Four axes of rotation

Available different lengths

Auxiliary mirrors

Short versions: upper and lower

REAR-VIEW MIRRORS

I 340



I 340-220



Four axes of rotation

MAIN FEATURES I

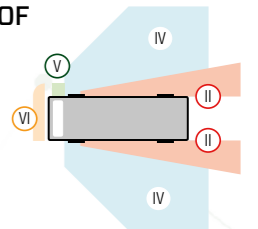


INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

serie 340

FIELD OF VIEW



MAIN FEATURES II

Several Lengths Available



V / VI Cat. By Camera



Upper or Lower



V / VI Cat.



II / IV Cat.



OPTIONS

- ELECTRICAL
- HEATED
- IV-V-VI CAT
- FLAT GLASS
- CAMERA



REAR-VIEW MIRRORS

serie amida 1,5

330









331



330-183



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS
	MOTORHOME
	SPECIAL VEHICLES
	TRAIN / TRAM

Timeless design customizable thanks to the diversity of features available to get the **perfect combination of comfort and safety** in cities and long distance journeys.

The Amida series is **evolving**



330

REAR-VIEW MIRRORS

Short and long version

Upper or lower

Arm folding version available

Optional bracket folding version

REAR-VIEW MIRRORS

I 330



I 331



I 331-183



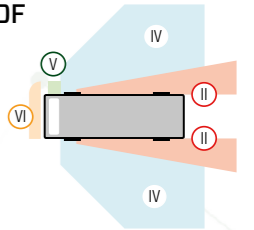
MAIN FEATURES I

Several Lengths Available



serie amida 1,5

FIELD OF VIEW



INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

MAIN FEATURES II

Auxiliary mirror V / VI Cat.



II / IV Cat.



V / VI Cat. By Camera



MONITOR PAG. XX

Upper or Lower



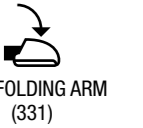
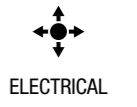
2V



ABB Folding Arm 331



OPTIONS



serie amida

314







324



314-143



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS
	MOTORHOME
	SPECIAL VEHICLES
	TRAIN / TRAM

Versatility and simplicity are the hallmarks of the **AMIDA** series.

The different arm lengths allow the AMIDA series to **offer a personalised product**, thus addressing our clients' multiple needs.

A solution for **multiple needs**

314

REAR-VIEW MIRRORS



Available different lengths as per customer request

1 or 2 glasses

Auxiliary mirror

Folding system, electrically as option

REAR-VIEW MIRRORS

I 314









I 314-143

I 324



INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

MAIN FEATURES

Several Lengths Available



Auxiliary mirror V / VI Cat.



II / IV / V / VI Cat.



Upper or Lower

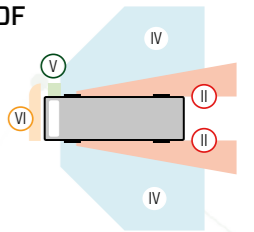


Electric Folding (314-143)

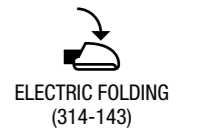


serie amida

FIELD OF VIEW



OPTIONS



REAR-VIEW MIRRORS

serie amida 0,5







333



335



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS
	MOTORHOME
	SPECIAL VEHICLES
	TRAIN / TRAM

Specially designed **as a solution** for the Minibus industry.

Perfectly adapted to the needs of this application: Mini and Midibuses, school Minibuses, VIP vans...

Minibus solutions



333

REAR-VIEW MIRRORS

Flexible and easy adaptation

Built in turn signal light

REAR-VIEW MIRRORS

I 333



I 335

INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

MAIN FEATURES

II / IV Cat.

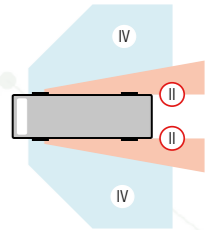


Built in turn signal



serie amida 0,5

FIELD OF VIEW



OPTIONS



ELECTRICAL



HEATED



FLAT GLASS



TURN SIGNAL



IV CAT



REACH



RoHS

serie 300

313



309









308



307



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS
	MOTORHOME
	SPECIAL VEHICLES
	TRAIN / TRAM

Its careful design, which integrates the rear-view mirror's main body, along with its **great versatility** and **durability** make the different models in the **300 series** the **best choice** for a wide range of industries.

A classic with a **bright future**

313

REAR-VIEW MIRRORS



Up to **three mirrors**

309: Integrated auxiliary mirror

REAR-VIEW MIRRORS



I 313

I 309

I 307

I 308

INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

MAIN FEATURES

Body Mirror: 316



Upper or Lower



V / VI Cat.

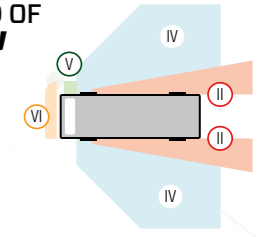


II / IV Cat.



serie 300

FIELD OF VIEW



OPTIONS

ELECTRICAL

HEATED

IV-V-VI CAT

1:1 FLAT GLASS



REAR-VIEW MIRRORS

serie 200

275



280



540



150



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS
	MOTORHOME
	SPECIAL VEHICLES
	TRAIN / TRAM

Our first stage to offer the **top quality design. Functionality and excellent performance guaranteed** for a long lasting life.

Classic products that stand the **test of time**

270

REAR-VIEW MIRRORS



Interior & Exterior mirrors

Functionality

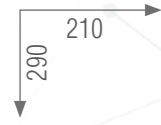
Multiple combinations

Adaptability to several bodyworks

REAR-VIEW MIRRORS

I 270

r=2100, r=1300 or Flat



I 275

r=2100



I 280

r=2100



I 287

r=2100



INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

CAST ARMS.
Exterior Arms

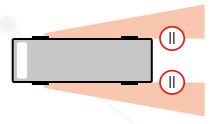
<p>540 / ø18</p>	<p>280 / ø18</p>	<p>360 / ø18</p>
<p>260 / ø18</p>	<p>150 / ø18</p>	

TUBE ARMS.
Exterior Arms

<p>440 / ø18</p>	<p>340 / ø18</p>	<p>240 / ø18</p>	<p>190 / ø18</p>
------------------	------------------	------------------	------------------

Mirrors
serie
200

FIELD OF VIEW



OPTIONS









REAR-VIEW MIRRORS

Interior Mirrors
serie 200



INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

INTERIOR ARMS.



OPTIONS



roll up sunblinds

■ Pantographic



■ Manual









■ Electrical



■ Manual with hooks



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS
	MOTORHOME
	SPECIAL VEHICLES
	TRAIN / TRAM

The ideal recommendation for sun protection, made under customer specific requirements. **High quality products with proven comfort and durability.**

Comfort and Durability are the key



Made to measure

Protection and safety







Adaptability to all surfaces

New improvements

R-118, EN 45545, R-10

**Latest Technology
in the driving assistance field**

INDUSTRIES

	COACH		MOTORHOME
	CITY BUS		SPECIAL VEHICLES
	MINI BUS		TRAIN / TRAM

I Pantographic

Manual or electric version
HOMOLOGATED
R-118, EN 45545 and R-10



MAXIMUM SIZES
WIDE 2.000 mm
LENGHT 900 mm

I Manual

HOMOLOGATED
R-118 and EN 45545



MAXIMUM SIZES
WIDE 2.000 mm
LENGHT 1.050 mm

I Electrical

HOMOLOGATED
R-118, EN 45545 and R-10



MAXIMUM SIZES
WIDE 2.500 mm
LENGHT 1.100 mm

I Manual with hooks

HOMOLOGATED
R-118 and EN 45545



MAXIMUM SIZES
WIDE 1.600 mm
LENGHT 1.100 mm

**roll up
sunblinds**

MAIN FEATURES

SLIP RING

Innovative system of floating rings that allow the curtain to operate without the cables becoming twisted.



AUTOMATIC STOP SYSTEM

FEATURES

- » Improved safety system
- » Avoid motor overheating
- » Extend sunblind lifetime

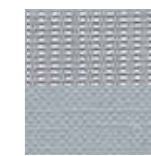


TEXTILES



TRANSLUCENT

OPAQUE



TRANSLUCENT WITH OPAQUE STRIP*

COLORS

Standard sunblinds colour is grey.

(*) The standard height of the opaque strip/blind strip is 220mm, but this high can be as per client request.

school signals

Standard Led









Pantographic Standard



Standard



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS
	MOTORHOME
	SPECIAL VEHICLES
	TRAIN / TRAM

Our **priority is to ensure the safety for the children** and so we have improved our reflectant School Transport Signals and with LED technology. We have them ready in different sizes and available to meet the regulation's requirement for most of the markets on demand.

Child safety is important to us all



Spanish regulations

Led School signals

Safety

R-118, V10

I Standard Led



LED

FEATURES

- ✓ **INTERMITTENCE**
- ✓ **HOMOLOGATED**
R-118 and V10

FLASH FUNCTION AND ERROR DETECTION DEVICE

FLASH DEVICE
SCHOOL LED 12/24V

- » For both 12V and 24V
- » Minimize Led temperature
- » Energy saving
- » Extend School signal lifetime
- » 3 different protection systems:
 - » Against overvoltage
 - » Short-circuit
 - » Inverted polarity protection



I Standard



FEATURES

- ✓ **HOMOLOGATED**
R-118 and V10

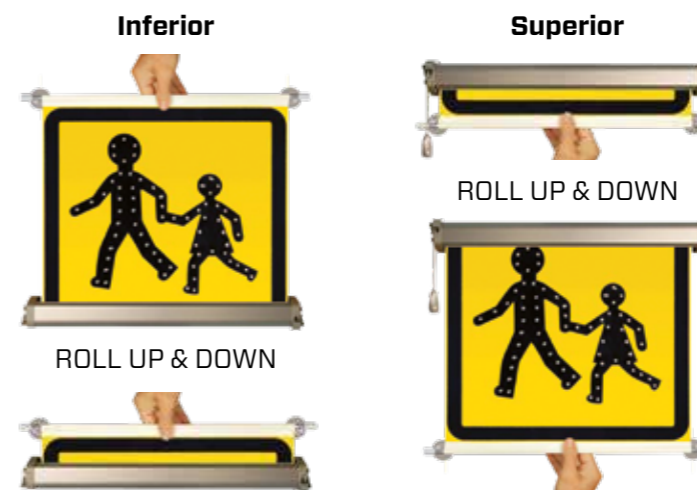
- » 2 suction cups fixing system



I Pantographic Standard



MAIN FEATURES



Slip ring. Innovative system of floating rings that allow the curtain to operate without the cables becoming twisted.



INDUSTRIES

	COACH
	CITY BUS
	MINI BUS

school signals

FEATURES

- ✓ **PANTOGRAPHIC**
- ✓ **HOMOLOGATED**
R-118 and V10

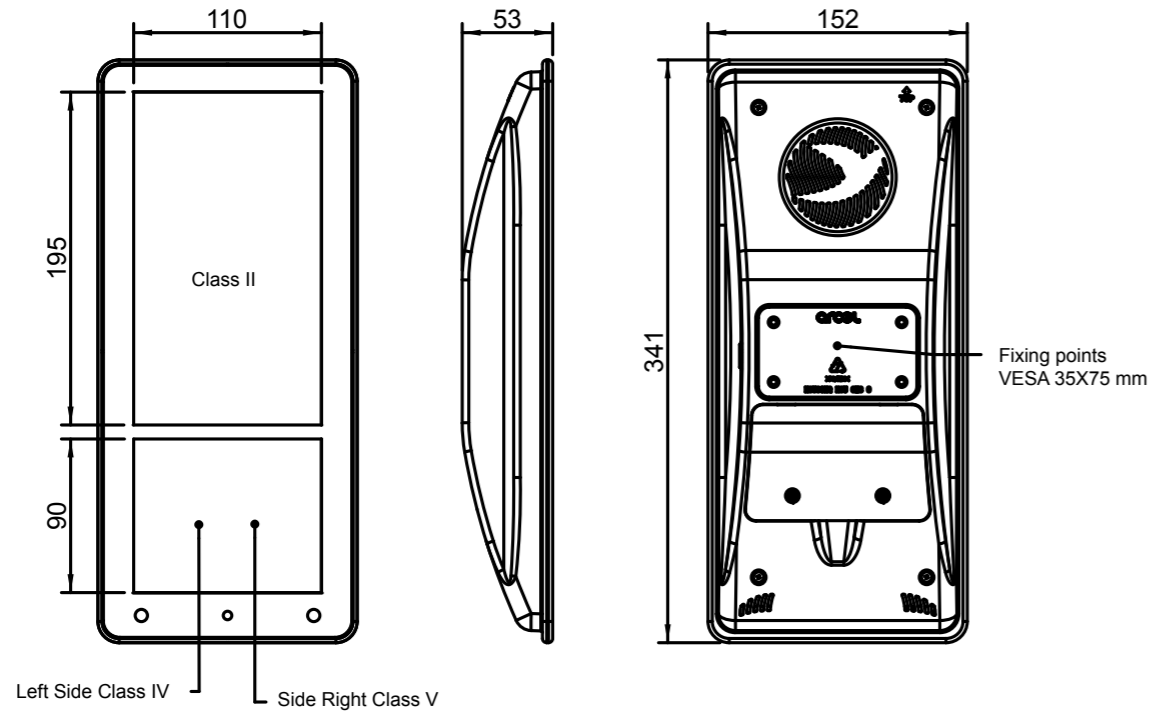
- » 2 suction cups fixing system for inferior design



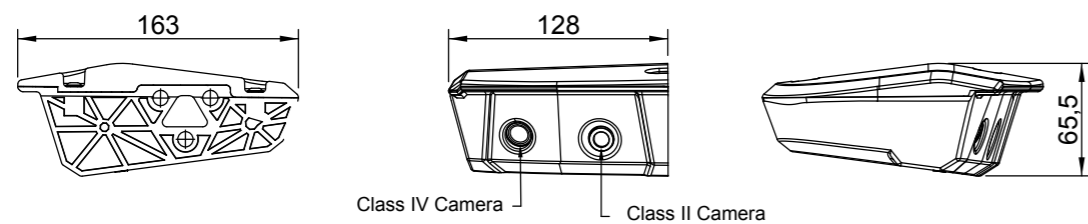
eMirror

Monitor Left Side / Right side
LH II/IV

12,3" Monitor Left Side / Right Side

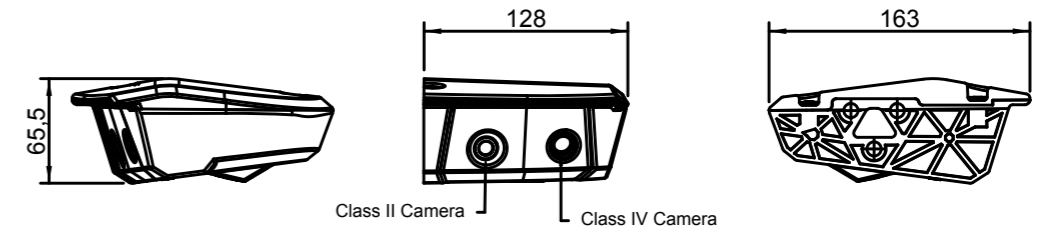


Digital cameras
LH II/IV

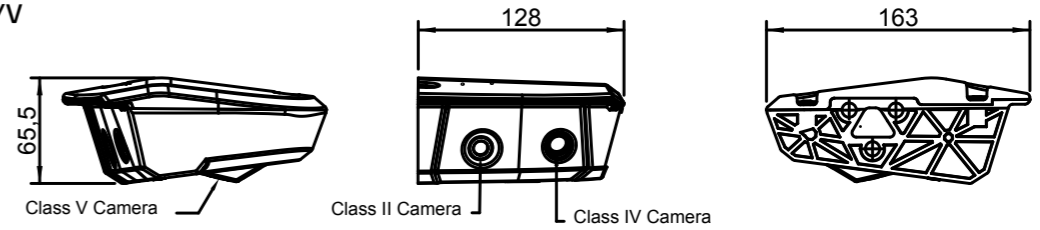


eMirror: types of right cameras

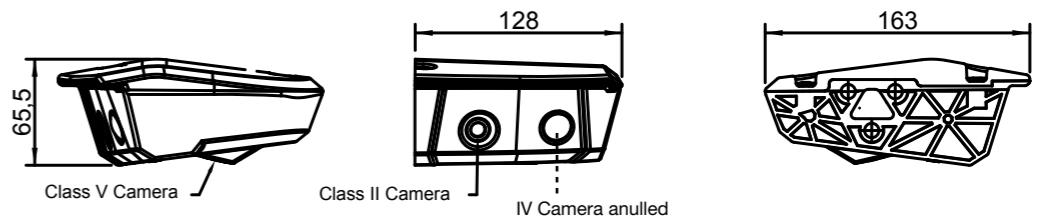
Digital cameras
RH II/IV



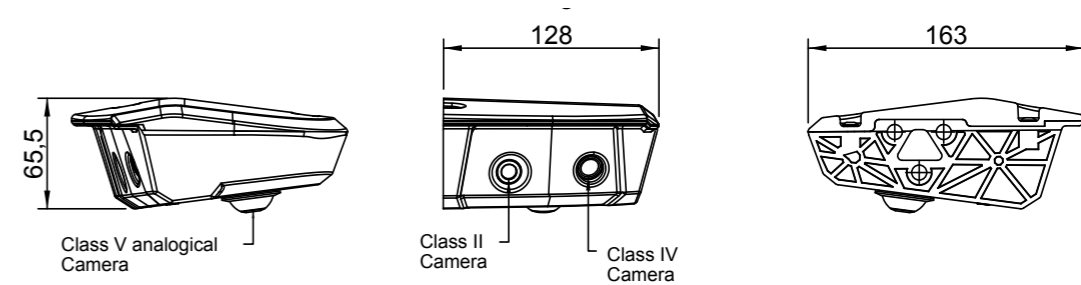
Digital cameras
RH II/IV/V



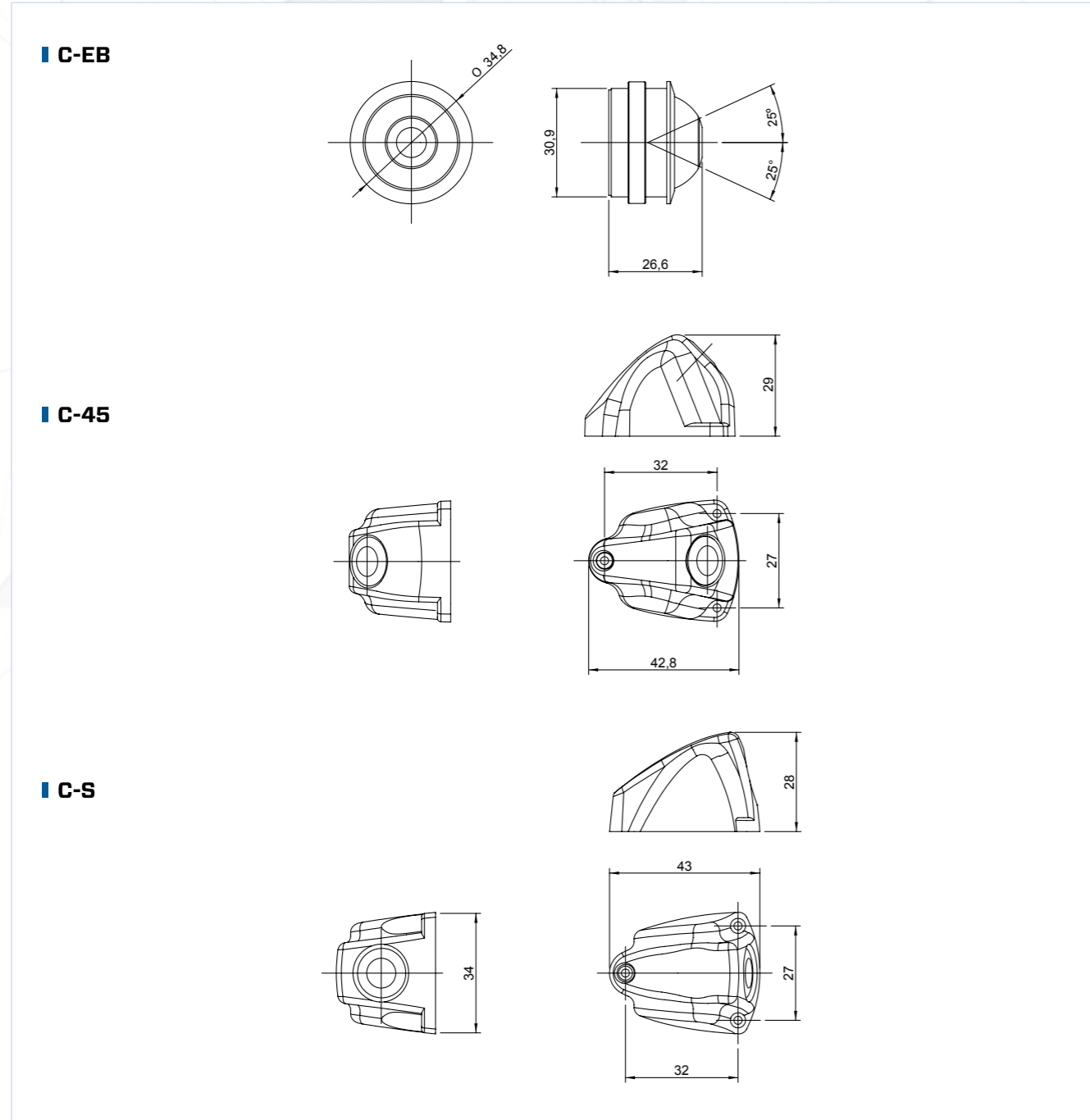
Digital cameras
RH II/V



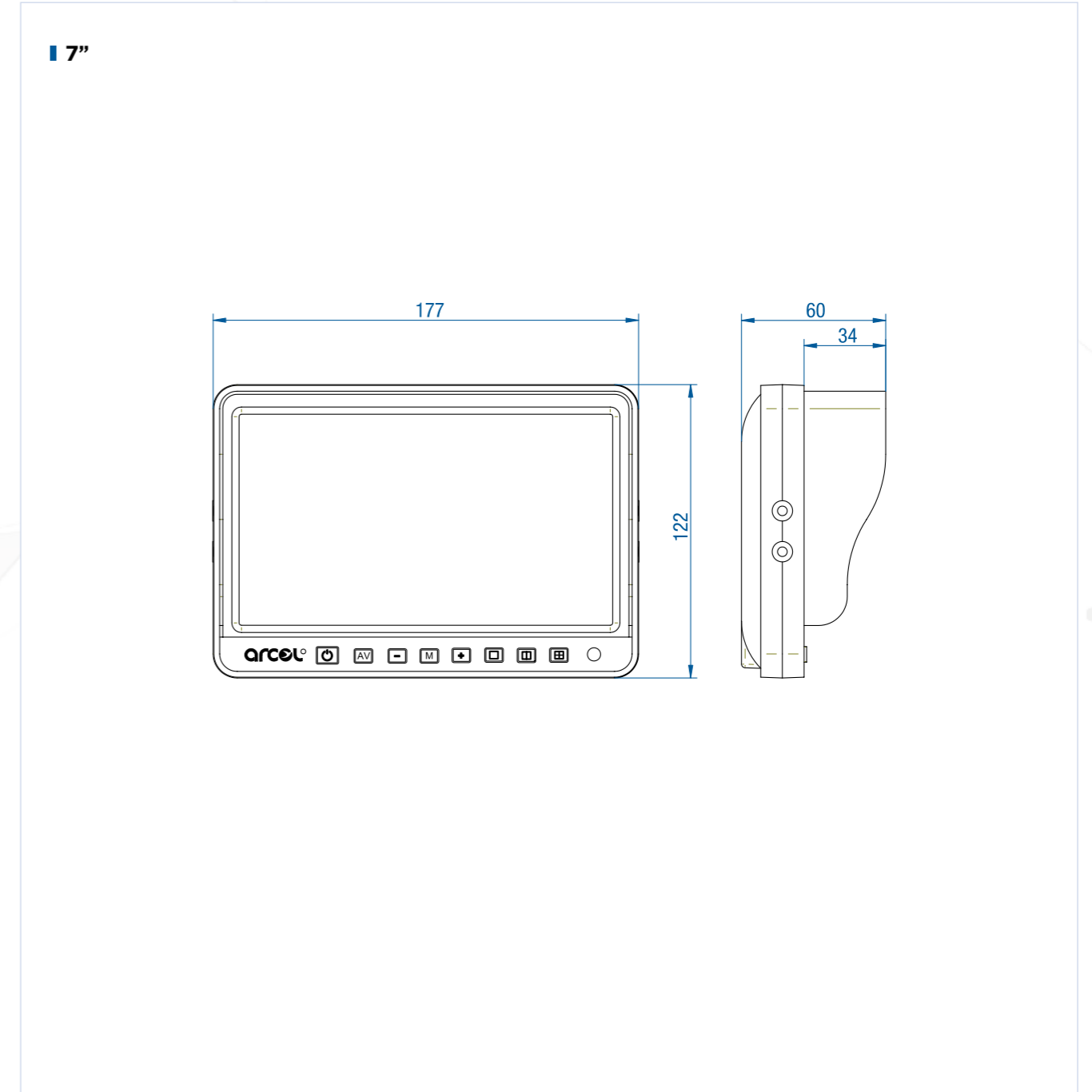
Digital + analogic cameras
RH II/IV/V



Cameras



Monitors



CAMERAS	REAR	SIDE	DOOR	CLASS V	CLASS VI	INTERIOR	FRONT	PARKING LINES	MIRROR IMAGE	MINIMUM ILLUMINATION	ANGLE	SENSOR	X	Y	Z
	PLACE						FUNCTION								
C-45	✓	-	-	-	-	-	-	OP	OP	3 LUX	170	CMOS	32,5	29,5	28
C-S	✓	✓	✓	-	-	-	-	OP	OP	3 LUX	170	CMOS	42,5	34	24
C-EB	✓	✓	✓	✓	✓	✓	✓	OP	OP	3 LUX	150	CMOS	31,8	27,8	23,3

Serie Diagonal

I 370

L1	L2
450	650
550	700
650	750
750	800
850	850
950	890
1050	950

I 371

L1	L2
450	550
550	555
650	560
750	565
850	570
950	575
1050	580

I Auxiliar mirror 346

R 220 CAT VI
or
R 300 CAT V

I 377

I 375

Hanging - Standing

*More info in brackets page
Pag. 18

SERIE DIAGONAL	<2M	ELECTRICAL	HEATED	CAMERA	RADIO ANTENA	COURTESY LIGHT	BSD	MEMORY MIRROR	FX	PULL OUT	CAT. OF VIEW					
											BRACKETS		II	IV	V	VI
											II	IV	V	VI		
370	✓	OP	OP	OP	OP	-	OP	OP	-	✓	✓	OP	OP	OP		
371	✓	OP	OP	OP	OP	-	OP	OP	-	✓	✓	OP	OP	OP		
375	✓	OP	OP	OP	OP	OP	OP	OP	✓	-	✓	OP	-	-		
377	✓	OP	OP	OP	OP	-	OP	OP	-	✓	✓	OP	-	-		
Auxiliar Mirror 346	-	-	OP	-	-	-	-	-	-	-	-	-	OP	OP		

Technical Specifications

Serie Born

I 350

I 351

FOLDING ARM
*More info in brackets page

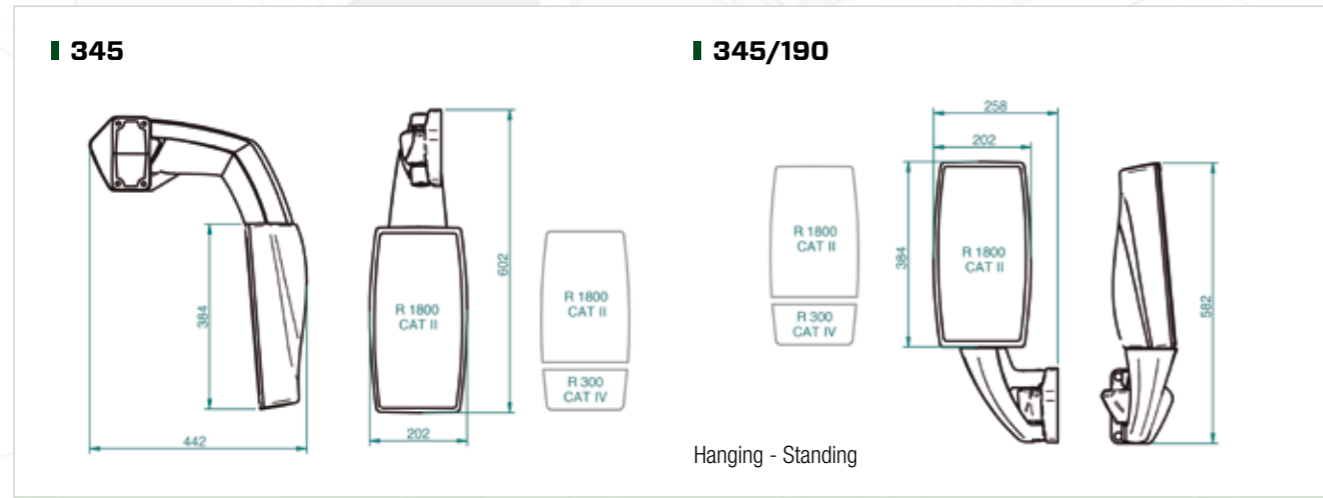
Hanging - Standing

I 352

FOLDING ARM
*More info in brackets page
Pag. 23

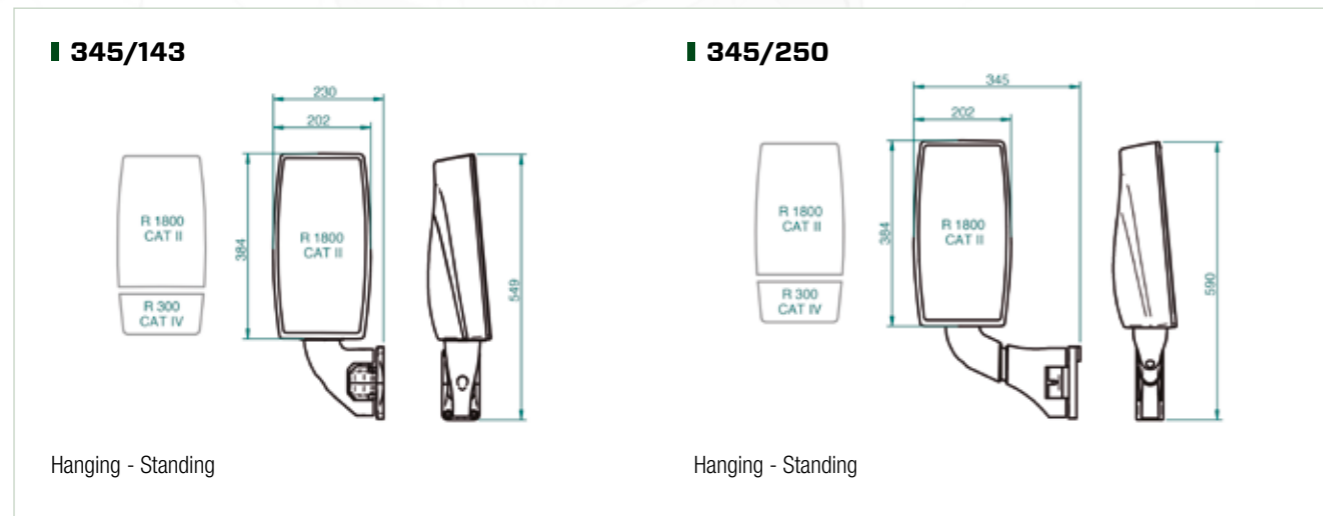
SERIE BORN	<2M.	ELECTRICAL	HEATED	FIX	PULL OUT	FOLDING PULL-OUT	CAT. OF VIEW					
							BRACKETS		II	IV	V	VI
							II	IV	V	VI		
350	-	OP	OP	✓	-	-	✓	✓	RH	LH		
351	✓	OP	OP	OP	✓	OP	✓	OP	-	-		
352	-	OP	OP	✓	-	-	✓	OP	RH	LH		

Serie 345



Hanging - Standing

SERIE 345	<2M.	ELECTRICAL	HEATED	CAMERA	RADIO ANTENNA	COURTESY LIGHT	FIX & FOLDING BRACKETS	CAT. OF VIEW	
								II	IV
								345	✓
345/190	✓	OP	OP	OP	OP	OP	✓	OP	

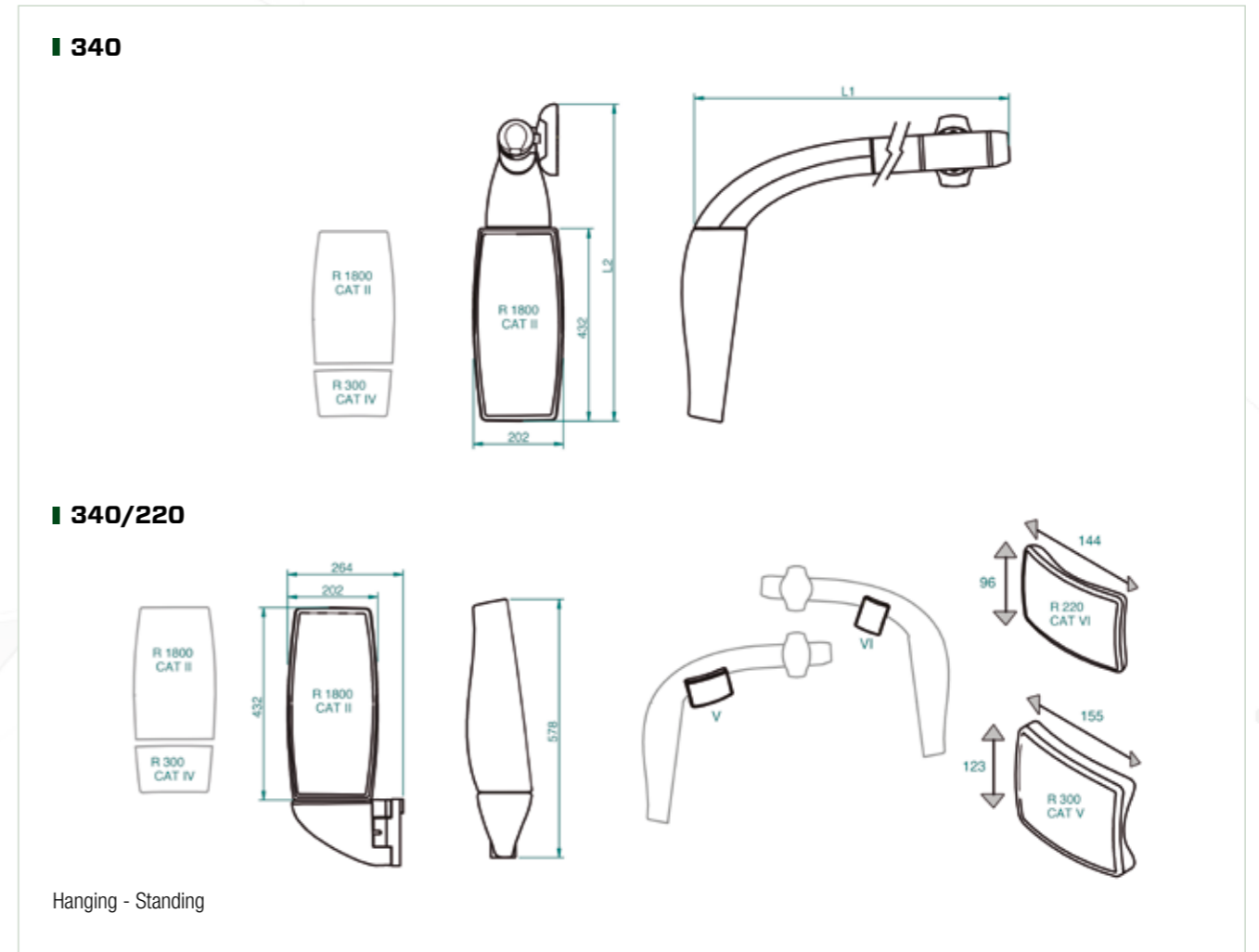


Hanging - Standing

Hanging - Standing

SERIE 345/143	<2M.	ELECTRICAL	HEATED	PULL OUT	FIX & FOLDING	FOLDING ELECT.	FIX	FOLDING PULL-OUT	CAT. OF VIEW	
									BRACKETS	
									II	IV
345/143	✓	OP	OP	✓	OP	OP	OP	OP	✓	OP
345/250	✓	OP	OP	✓	OP	-	OP	OP	✓	OP

Serie 340



Hanging - Standing

SERIE 340	<2M.	ELECTRICAL	HEATED	CAMERA	FLAT GLASS II CAT.	FIX	PULL OUT	Cat. Of View			
								BRACKETS			
								II	IV	V	VI
340	✓	OP	OP	OP	OP	-	✓	✓	OP	OP	OP
340/220	✓	OP	OP	-	OP	OP	✓	✓	OP	-	-

Serie Amida 0,5

333

335

Hanging - Standing

A6 Compatibility

- 333
- 335

Serie Amida

314

324

L1 ≥ 250 ; L1 ≤ 750

314/143

Auxiliar mirror 346

Hanging - Standing

SERIE AMIDA 0,5	<2M.	ELECTRICAL	HEATED	FLAT GLASS II CAT.	6A. TURN SIGNAL	FIX & FOLDING	CAT. OF VIEW	
							BRACKET	II
333	✓	OP	OP	OP	OP	✓	✓	OP
335	✓	OP	OP	OP	OP	✓	✓	OP

SERIE AMIDA	<2M.	ELECTRICAL	HEATED	FLAT GLASS II CAT.	FIX	FIX & FOLDING	FOLDING ELECT.	PULL OUT	FOLDING PULL-OUT	CAT. OF VIEW			
										BRACKETS	II	IV	V
314	✓	OP	OP	OP	OP	OP*	-	✓	OP*	✓	OP	OP	OP
324	✓	OP	OP	OP	OP	-	-	✓	OP*	✓	OP	OP	OP
314/143	✓	OP	OP	OP	OP	OP	OP	✓	OP	✓	OP	-	-
Auxiliar Mirror 346		-	OP	-	-	-	-		-		-	OP	OP

*Arm Max. length 500 mm.

Serie Amida 1,5

Serie 300

I 330

L1 ≥ 335 ; L1, ≤ 750

I 331

L1 ≥ 335 ; L1, ≤ 750

I 330/183

Superior - Inferior

I 2V Main Body

I Folding Arm

I Auxiliar mirror 346

*Only for model 331

I 307

I 308

Hanging - Standing

I 309

I 313

316 Body Compability

- 307/316
- 308/316
- 309/316
- 313/316

I Auxiliar mirror 346

SERIE AMIDA 1,5	<2m.	ELECTRICAL	HEATED	CAMERA	ABB	2V	ARM FOLDING	FLAT GLASS II Cat.	Fix	Pull out	Folding Pull-Out	Cat. Of View			
												BRACKETS			
												II	IV	V	VI
330	✓	OP	OP	OP	-	OP	-	OP	OP	✓	OP*	✓	OP	OP	OP
331	✓	OP	OP	OP	OP	OP	OP	OP	OP	✓	OP*	✓	OP	OP	OP
330/183	✓	OP	OP	-	-	OP	-	OP	OP	✓	OP	✓	OP	-	-
Auxiliar Mirror 346	-	-	OP	-	-	-	-	-	-	-	-	-	-	OP	OP

*Arm Max. length 500 mm.

SERIE 300	<2M.	ELECTRICAL	HEATED	FLAT GLASS II CAT.	FIX	PULL OUT	CAT. OF VIEW			
							BRACKETS			
							II	IV	V	VI
307	✓	OP	OP	OP	OP	✓	✓	OP	OP	OP
308	✓	OP	OP	OP	OP	✓	✓	OP	-	-
309	✓	OP	OP	OP	OP	✓	✓	OP	RH	LH
313	✓	OP	OP	OP	OP	✓	✓	OP	OP	OP
Auxiliar Mirror 346	-	-	OP	-	-	-	-	-	OP	OP

Brackets

Pull Out / Folding Pull-Out

Fix Folding **Fix Electric** **Folding Electric** **Fix**

FLAT 5 mm 10 mm 3° 6°

Serie 200

Mod. U 8° Leaned **Mod. C** Flat **Mod. AJ** **Mod. CAL**

Serie Diagonal

Mod. 375

Serie Born

Roll Up Sunblinds

Pantographic

Manual

MAXIMUM SIZES
WIDE 2.000 mm
LENGHT 900 mm

MAXIMUM SIZES
WIDE 2.000 mm
LENGHT 1.050 mm
C: 150 mm

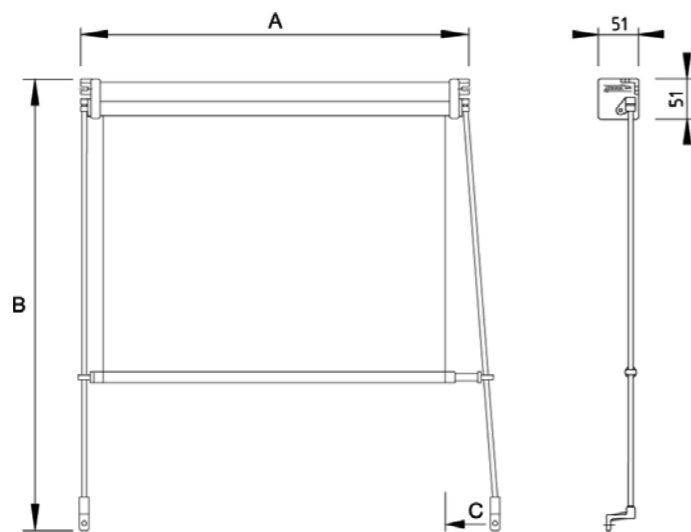
Pantographic

Electrical	A**	450-570	580-670	680-770	780-870	880-970	980-1070	1080-2000
	B Max. ***	350	450	550	650	750	850	900
Manual	A**	480-570	580-670	680-770	780-870	880-970	980-1070	1080-1170
	B Max. ***	350	450	550	650	750	850	950

** The dimension A increases in fractions of 10mm ***The dimension B increases in fractions of 50mm

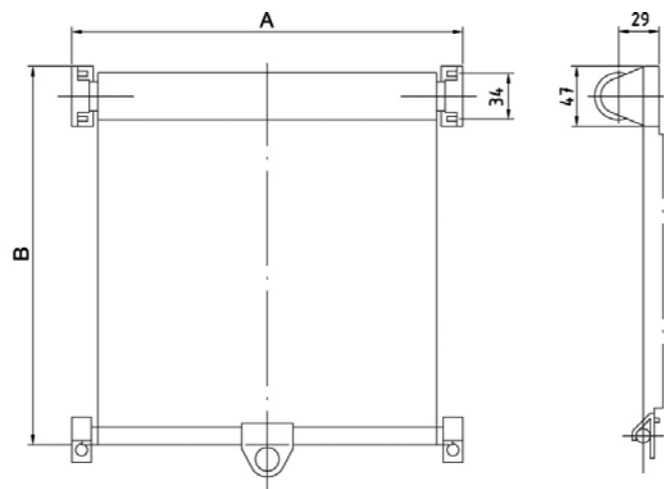
Roll Up Sunblinds

Electrical



MAXIMUM SIZES
 WIDE 2.500 mm
 LENGHT 1.100 mm
 C: 150 mm

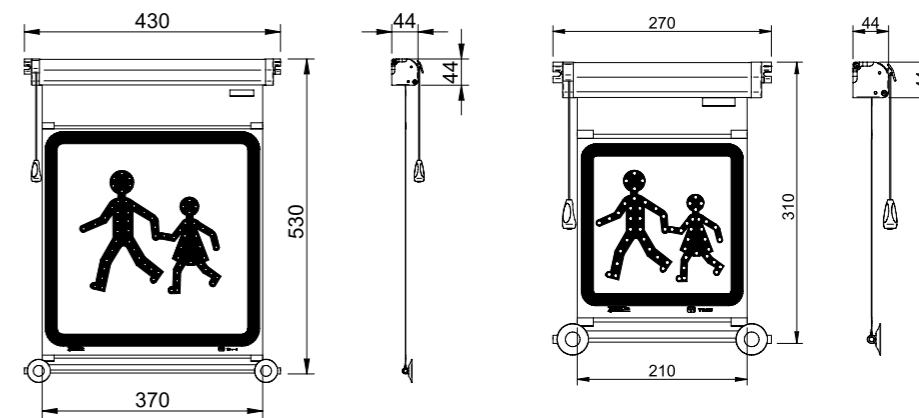
Manual with hooks



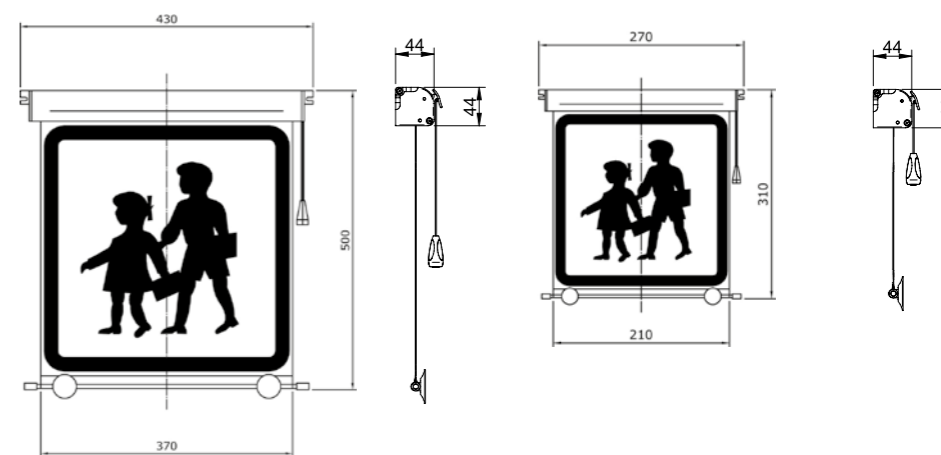
MAXIMUM SIZES
 WIDE 1.600 mm
 LENGHT 1.100 mm

School Signals

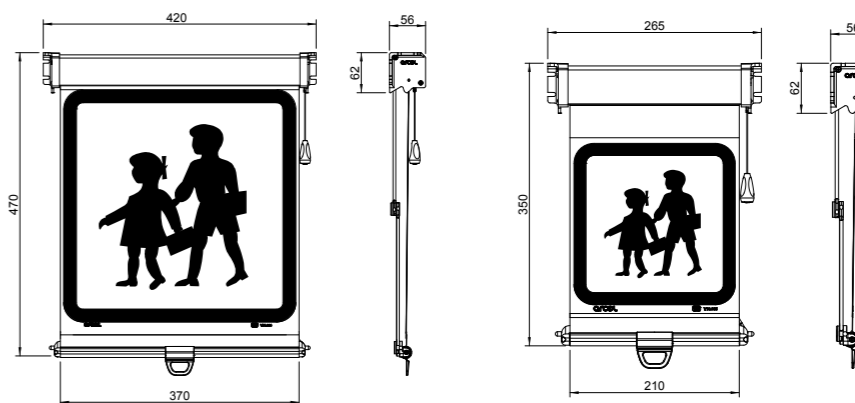
Standard Led



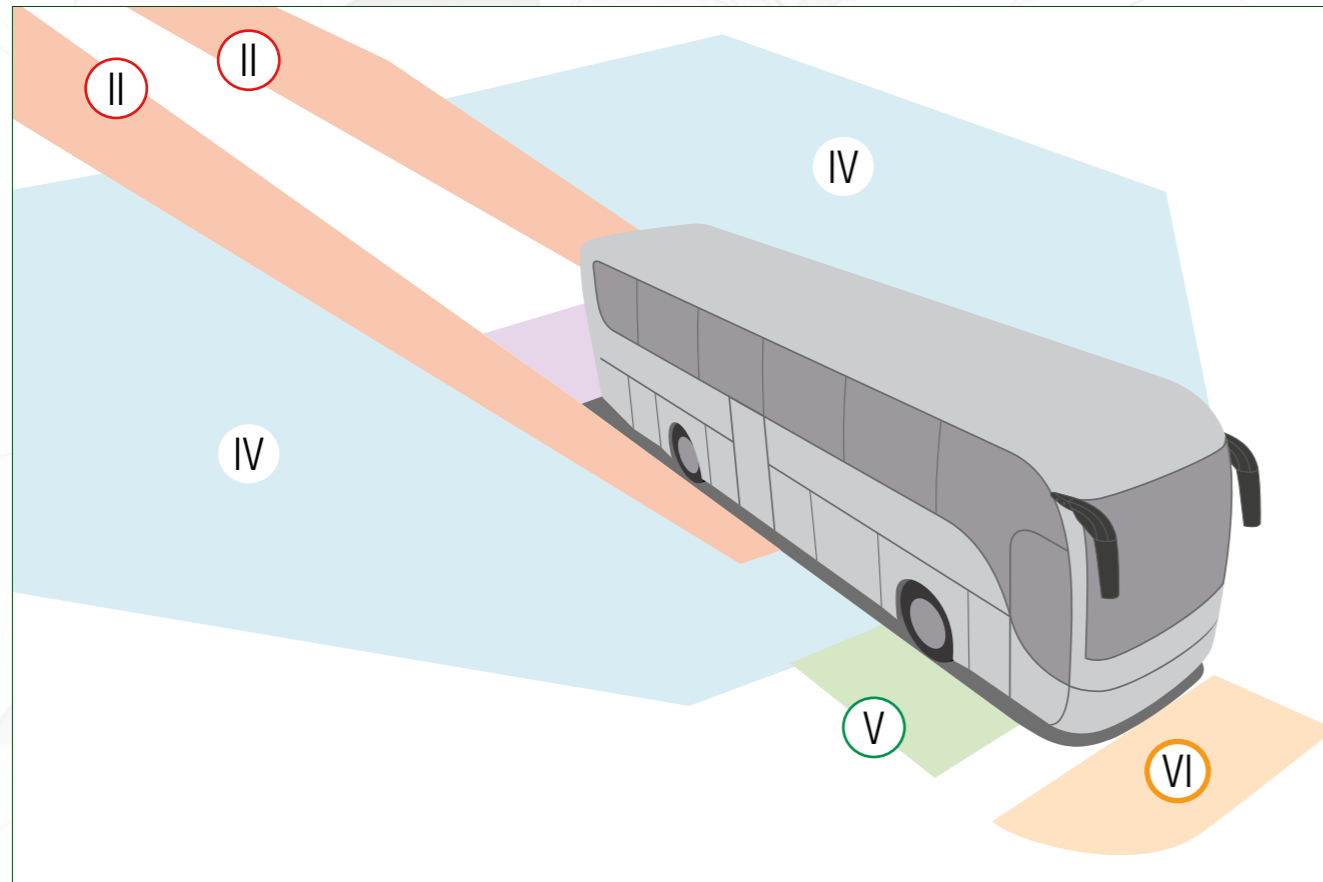
Standard



Pantographic Standard



Rear-View Mirrors Legislation



ECE Regulation No. 46 - Rev.6 -Devices for indirect vision

Vehicle Category	Category I Interior Mirror	Category II Primary Mirror (Side/Wing Mirror)	Category III Primary Mirror (Small Mirror)	Category IV Wide-Angle Mirror (Side/Wing Mirror)	Category V Proximity Mirror (Door Mirror)	Category VI Front Mirror
M2/M3	Optional	Required	Not Permitted	Optional	Optional	Optional
Driver's Side	-	✓	-	✓	✓ 2m	✓ 2m
Passenger's Side	-	✓	-	✓	✓ 2m	✓ 2m
N2	Optional	Required	Not Permitted	Required	Required	Optional < 7,5t Required > 7,5t
Driver's Side	-	✓	-	✓	Optional 2m	✓ 2m
Passenger's Side	-	✓	-	✓	✓ 2m	✓ 2m
N2	Optional	Required	Not Permitted	Required	Required	Required
Driver's Side	-	✓	-	✓	Optional 2m	✓ 2m
Passenger's Side	-	✓	-	✓	✓ 2m	✓ 2m

2m Fitter at least 2m above the ground.

Category M: Vehicles with at least 4 wheels designed to carry passengers.

M2: More than 9 seats, mass below 5 tonnes.

M3: More than 9 seats, mass over 5 tonnes.

Category N: Vehicles designed.

N2: Mass between 3.5 to 12 tonnes.

N3: Mass over 12 tonnes.



arcel

ARCOL

INDUSTRIAL ARCOL. S.A.

Juan de la Cierva, 4. Pol. Ind. Valldoriolf | 08430 La Roca del Vallès

Barcelona (Spain)

Tel. +34 93 860 02 02

info@arcol.es | www.arcol.es



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