



IA FlowLane PRIME

SPEED GATES - OPTICAL TURNSTILES

Sculpted cabinets for indoor pedestrian access.
Two passage widths. Two glass variants.



650 mm

25.6 in passage width

900 mm

35.4 in passage width

LG / HG

Low / high glass

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Product brochure · English · 2026

PRODUCT RANGE

A width for each route.

FlowLane PRIME combines sculpted cabinets with two passage widths for indoor pedestrian access.



FlowLane PRIME 26

STANDARD LANE

650 mm / 25.6 in

LG and HG glass variants
Left, centre and right cabinets



FlowLane PRIME 36

WIDE LANE

900 mm / 35.4 in

LG and HG glass variants
Left, centre and right cabinets

Designed for continuous operation in secured indoor areas with high pedestrian traffic. The 26 and 36 identifiers are nominal lane designations; actual passage widths are stated above.

MADE IN EUROPEAN UNION

FEATURES & APPLICATIONS

Control every passage.

Operating functions support access authorization, direction signalling and incident detection.

01

EASY SETUP

Configure operating modes and functions through the control panel.

02

LED PICTOGRAMS

A green arrow identifies an enabled direction. A red cross indicates a disabled or locked direction.

03

AUDIO ALERTS

Acoustic alerts signal irregular passage attempts by two people in the same or opposite directions, or unauthorized objects.

04

POWER-FAILURE RELEASE

The device remains unlocked in the event of a power failure.

05

SENSOR SYSTEM

Sensor signals are analysed to detect unauthorized entry and attempts by two people to pass on one authorization.

06

OBSTACLE DETECTION

Overload protection stops the wings and triggers an audio alarm when an obstacle is detected. A subsequent control signal is required to resume movement.

TYPICAL APPLICATIONS

Airports and seaports · Authorized service-personnel access · Government and protected buildings · Sports and entertainment venues · Swimming pools
Access control and time & attendance in offices, factories and restricted industrial zones

CABINETS & GLASS VARIANTS

Specify the arrangement.

FlowLane PRIME is available with low and high glass, in left, centre and right cabinet configurations.

LG / LOW GLASS



HG / HIGH GLASS



CABINET ELEMENTS

Pictograms · Sensor system · Glass infill panel · Handrail · Glass wing · Housing

TECHNICAL DATA

FlowLane PRIME 26

Passage width: 650 mm / 25.6 in | LG and HG variants



LG / LOW GLASS



HG / HIGH GLASS

Parameter	L cabinet	C cabinet	R cabinet
Supply voltage*	24 V DC	24 V DC	24 V DC
Maximum power consumption	90 W	90 W	90 W
Minimum power consumption	30 W	30 W	30 W
Inrush / starting current	4 A	4 A	4 A
Net weight - LG	105 kg / 231 lb	115 kg / 254 lb	105 kg / 231 lb
Net weight - HG	110 kg / 243 lb	120 kg / 265 lb	110 kg / 243 lb

Common specification	Value
Operating / storage temperature	0 to +50°C / 32 to 122°F -30 to +60°C / -22 to 140°F
Protection / maximum humidity	IP40 / 85%
Wing opening/closing time	Approximately 1 s
Housing / wing	AISI 304 stainless steel Tempered glass, 8 mm / 0.31 in

* AC/DC power supply unit not included. Weights depend on configuration.

Cabinet naming: IA FlowLane-PRIME-L-26-LG / C-26/26-LG / R-26-LG.

Use HG in place of LG for the high-glass variant.

TECHNICAL DATA

FlowLane PRIME 36

Passage width: 900 mm / 35.4 in | LG and HG variants



LG / LOW GLASS



HG / HIGH GLASS

Parameter	L cabinet	C cabinet	R cabinet
Supply voltage*	24 V DC	24 V DC	24 V DC
Maximum power consumption	90 W	90 W	90 W
Minimum power consumption	30 W	30 W	30 W
Inrush / starting current	4 A	4 A	4 A
Net weight - LG	115 kg / 254 lb	125 kg / 276 lb	115 kg / 254 lb
Net weight - HG	120 kg / 265 lb	130 kg / 287 lb	120 kg / 265 lb

Common specification	Value
Operating / storage temperature	0 to +50°C / 32 to 122°F -30 to +60°C / -22 to 140°F
Protection / maximum humidity	IP40 / 85%
Wing opening/closing time	Approximately 1 s
Housing / wing	AISI 304 stainless steel Tempered glass, 8 mm / 0.31 in

* AC/DC power supply unit not included. Weights depend on configuration.

Cabinet naming: IA FlowLane-PRIME-L-36-LG / C-36/36-LG / R-36-LG.

Use HG in place of LG for the high-glass variant.

TECHNICAL DATA

Mixed-width centre cabinets.

FlowLane PRIME 26/36 and 36/26 | 650 mm / 25.6 in and 900 mm / 35.4 in passages



LG / LOW GLASS



HG / HIGH GLASS

Parameter	C-26/36	C-36/26
Supply voltage*	24 V DC	24 V DC
Maximum power consumption	90 W	90 W
Minimum power consumption	30 W	30 W
Inrush / starting current	4 A	4 A
Net weight - LG	122 kg / 269 lb	122 kg / 269 lb
Net weight - HG	128 kg / 282 lb	128 kg / 282 lb

Common specification	Value
Operating / storage temperature	0 to +50°C / 32 to 122°F -30 to +60°C / -22 to 140°F
Protection / maximum humidity	IP40 / 85%
Wing opening/closing time	Approximately 1 s
Housing / wing	AISI 304 stainless steel Tempered glass, 8 mm / 0.31 in

* AC/DC power supply unit not included. Weights depend on configuration.

Cabinet naming: IA FlowLane-PRIME-C-26/36-LG or IA FlowLane-PRIME-C-36/26-LG.

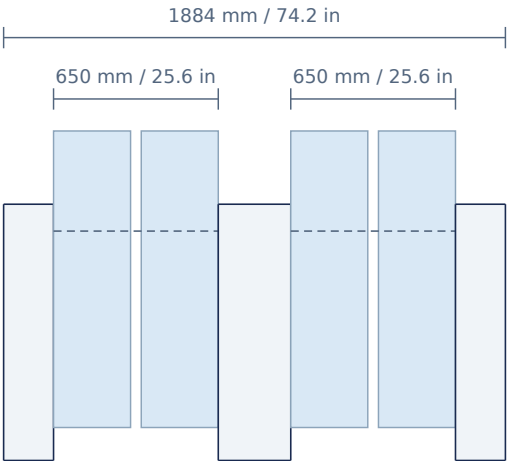
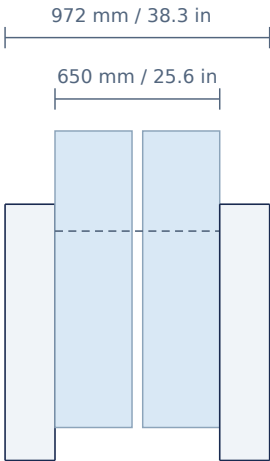
Use HG in place of LG for the high-glass variant. Confirm orientation in the project layout.

DIMENSIONS / FRONT ELEVATION

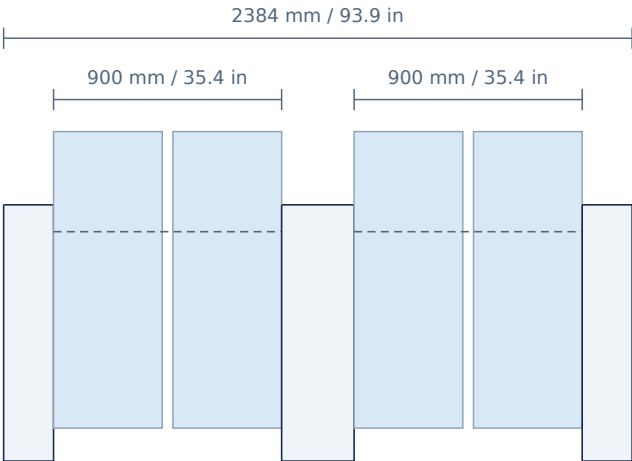
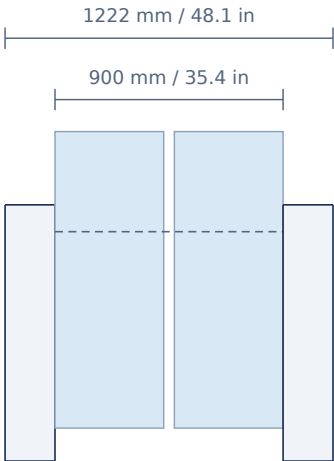
Passage widths.

Front-elevation schematics. Solid glass outline: HG. Dashed upper glass line: LG. Not to scale.

FLOWLANE PRIME 26



FLOWLANE PRIME 36



HEIGHT REFERENCE

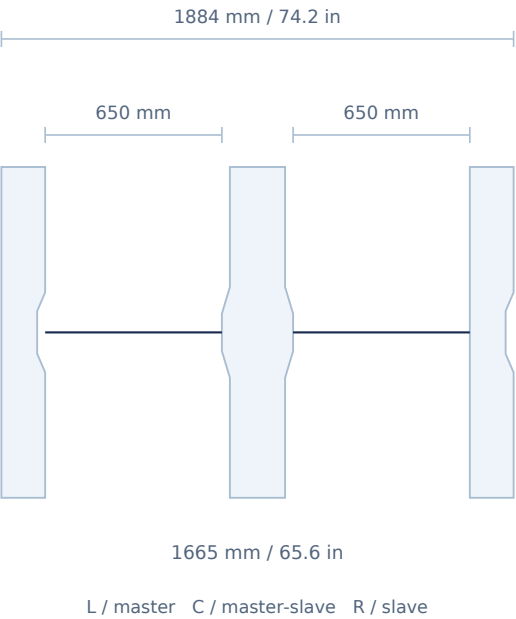
Cabinet	LG upper glass level	HG upper glass level
1011 mm / 39.8 in	905 mm / 35.6 in	1300 mm / 51.2 in

DIMENSIONS / PLAN VIEW

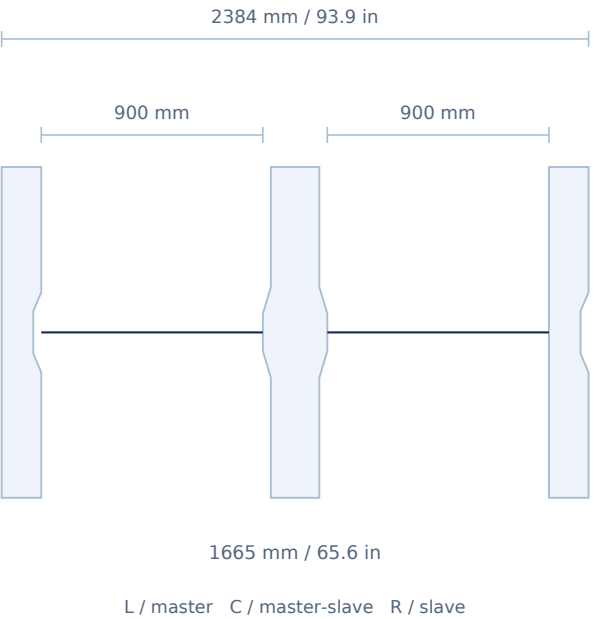
Cabinet depth.

FlowLane PRIME cabinet depth: 1665 mm / 65.6 in. Two-lane layouts are shown schematically.

FLOWLANE PRIME 26



FLOWLANE PRIME 36



Drawing dimension	Metric / imperial
End-cabinet width	161 mm / 6.34 in
Centre-cabinet width at passage	262 mm / 10.32 in
Cabinet depth	1665 mm / 65.55 in
Two-lane overall width - PRIME 26	1884 mm / 74.17 in
Two-lane overall width - PRIME 36	2384 mm / 93.86 in

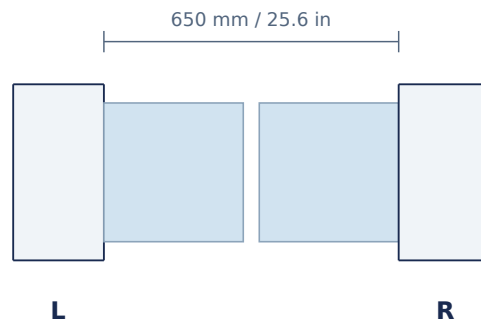
Connections include external control, power supply, inter-cabinet communication and inter-cabinet power. Confirm cable routing and fixing details in the project installation drawing.

SAMPLE CONFIGURATIONS

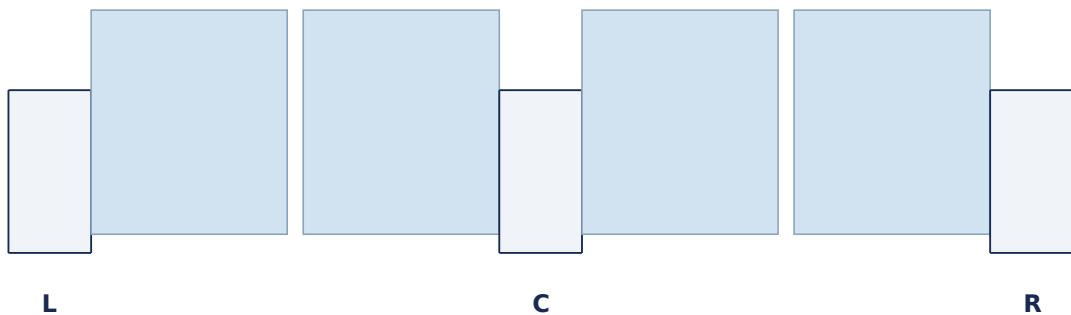
From one lane to an array.

FlowLane PRIME supports matching-width and mixed-width lane arrangements.

SINGLE LANE / L + R

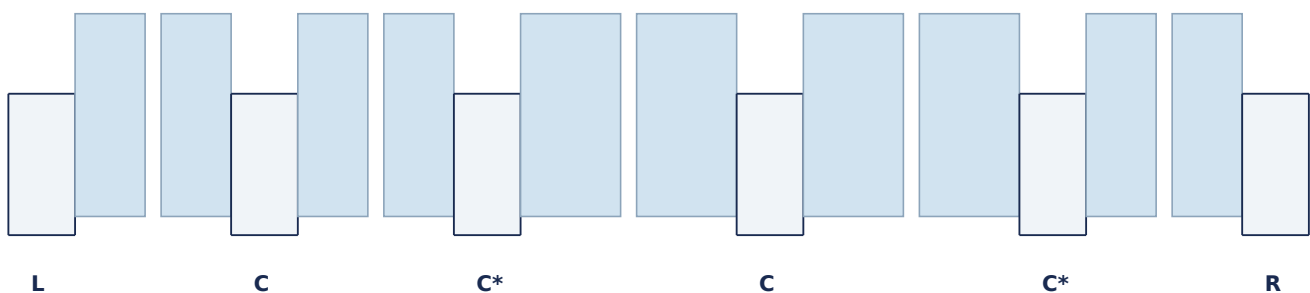


TWO LANES / PRIME - HG - 36/36 - 2



Passages: 900 mm / 35.4 in each. Overall width: 2384 mm / 93.9 in.

FIVE LANES / PRIME - HG - 26/36 - 5



Passages: 650 / 650 / 900 / 900 / 650 mm (25.6 / 25.6 / 35.4 / 35.4 / 25.6 in).

* Mixed-width centre cabinets. LG and HG variants are available. Schematics are not to scale.

INTEGRATION & AVAILABLE OPTIONS

Plan the installation.

Specify lane width, glass height and cabinet orientation for the required access-control layout.

CONTROL CONNECTIONS

The installation diagrams identify master, master-slave and slave cabinets, with external control and power connections. Operating modes and functions are configured via the control panel.

Selection	Available configuration
Model / passage	FlowLane PRIME 26: 650 mm / 25.6 in FlowLane PRIME 36: 900 mm / 35.4 in
Glass variant	LG - low glass / HG - high glass
Cabinet arrangement	Left, centre and right cabinets Mixed-width centre: C-26/36 or C-36/26
Power supply	24 V DC AC/DC power supply unit not included
Layout	Single lane, multiple matching-width lanes or mixed 650 mm / 900 mm arrangements

CONFIRM BEFORE ORDERING

Confirm cabinet orientation, interfaces, power-supply sizing, cable routing and fixing details in the final installation drawing. No specific reader interface or communication protocol is specified.

Power-failure release does not establish certified emergency-exit compliance. Wide-lane dimensions do not imply accessibility certification.



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Two passage widths. Two glass variants.



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Illustrations show example configurations and may differ from final equipment. Model availability, construction and equipment may change. Confirm the final specification before ordering. This brochure is for information only and does not constitute an offer. Dimensions are stated in metric units with rounded imperial equivalents.