

# FLEXIBLE, HIGH QUALITY LIFT FOR LOW & MID-RISE BUILDINGS

KONE MonoSpace® 700

# YOUR TRUSTED LIFT PARTNER

With over 100 years of experience in the lift and escalator business, KONE is your trusted partner dedicated to ensuring smooth People Flow® in your building. We revolutionised the industry in 1996 with the world's first machine room-less lift – the KONE MonoSpace® – and the energy-efficient KONE EcoDisc® hoisting machine. Our proven track record, including half a million KONE EcoDisc® installations worldwide, speaks for itself.

We listened to our customers and carefully analysed each and every part of our industry-leading lift solution and renewed it from top to bottom. Everything we did best, we've made even better.

## A STRONG TRACK RECORD

- 9 out of 10 KONE customers recommend us as a partner
- More than 100 years of experience in the lift industry
- Over 800,000 KONE EcoDisc installations worldwide
- Over one million lifts and escalators in service
- 55,000 dedicated experts worldwide

## 3 REASONS TO CHOOSE KONE

### 1 EXCELLENT ECO-EFFICIENCY THAT CUTS THE CARBON FOOTPRINT OF YOUR BUILDING

- Constant improvement of lift energy efficiency with the KONE EcoDisc, centralised hoisting and advanced standby solutions.
- A-class energy classification

### 2 SMOOTH RIDE-COMFORT FOR THE BEST POSSIBLE PASSENGER EXPERIENCE

- Quality guaranteed through ride-comfort testing of all lifts before handover – a service unique to KONE
- Quiet and smooth operation and accurate levelling enabled by:
  - The KONE EcoDisc hoisting machine, brakes and centralised hoisting
  - An improved car structure and sound-isolated guide shoes

### 3 AWARD-WINNING DESIGN THAT HELPS YOUR BUILDING STAND OUT

- Easy selection of car interiors from a collection of functional and visually appealing designs created by KONE's award-winning design professionals
- The industry's most flexible and versatile offering, with over 100 materials and accessories, offering millions of possible combinations
- The most innovative materials and lighting solutions

# EXCELLENT ECO-EFFICIENCY

## THAT CUTS YOUR BUILDING'S CARBON FOOTPRINT

At KONE we have always been renowned for our revolutionary eco-efficient technology. KONE has constantly improved the energy efficiency of its lifts – up to 70% since 2008.

### 1 More efficient hoisting machinery

The KONE EcoDisc® hoisting motor and highly efficient drive system delivers even better energy efficiency, helping to reduce both operating costs and your building's carbon footprint.

### 2 Eco-efficient regenerative drive

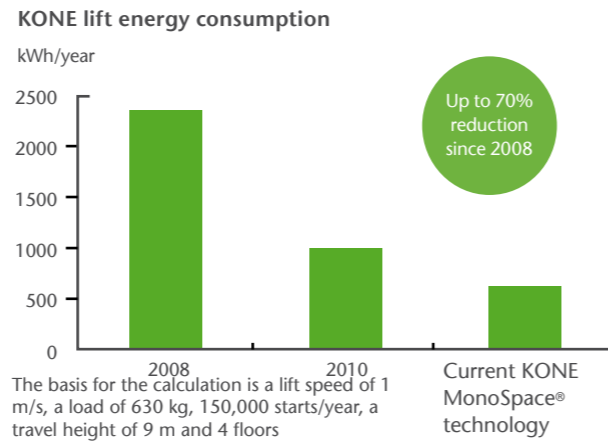
Our latest regenerative drive recycles energy for immediate reuse within the building and cuts consumption by up to 20%.

### 3 Long-lasting LED lighting

LED lighting lasts up to 10 times longer and is up to 80% more efficient than halogen lighting

### 4 More advanced standby solutions

Upgraded standby solutions power down the equipment when it is not in use, providing substantial energy savings.



- Our reference lifts were the first in the industry to receive an A-class energy rating according to the VDI 4707 guideline.
- KONE was the first company to announce the A-class energy efficiency certification according to ISO 25745-2 for its customer reference cases.
- Installing eco-efficient KONE lift solutions can help achieve LEED or BREEAM green building accreditations.

# SMOOTH RIDE COMFORT

## FOR THE BEST POSSIBLE PASSENGER EXPERIENCE

Every aspect of the upgraded KONE MonoSpace® is designed to add real value to your building and maximise comfort, safety and convenience for passengers. The renewed KONE EcoDisc® hoisting machine is complemented by a wide range of other upgrades that are designed to deliver industry-leading ride comfort year after year.

### ALL LIFTS TESTED FOR RIDE COMFORT – A SERVICE UNIQUE TO KONE

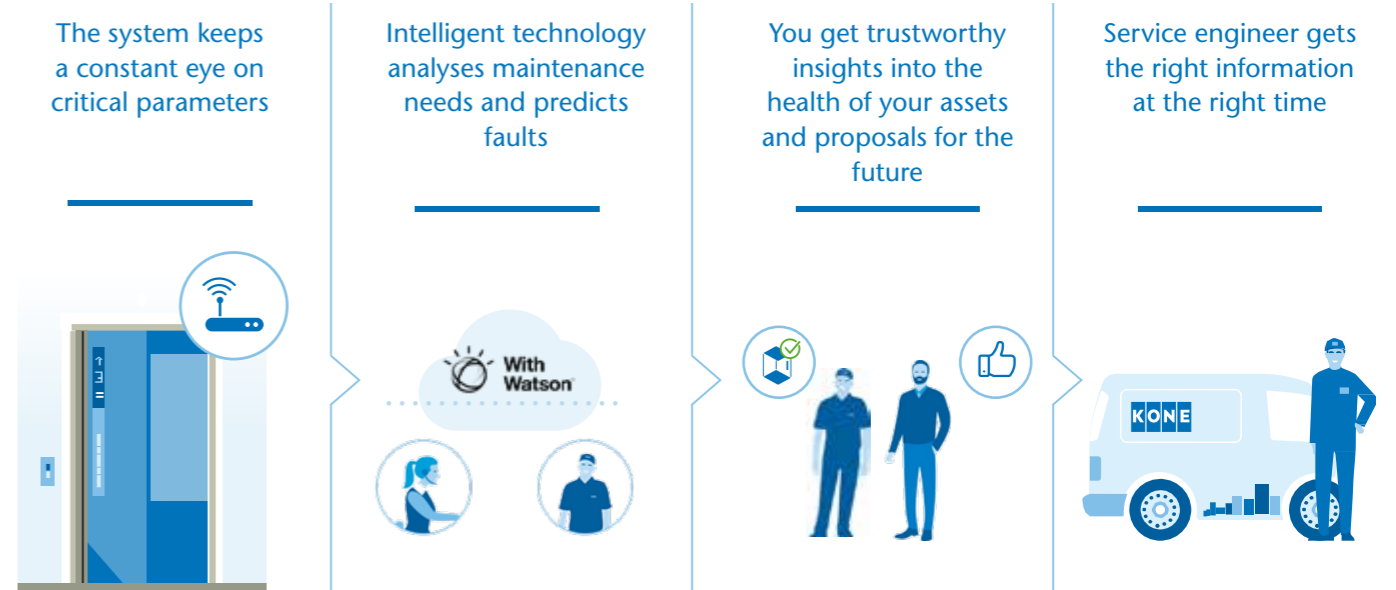
- KONE provides a comprehensive ride comfort testing service as standard for all its lift installations.
- Your lift will not be handed over for use before it passes this test, which measures noise and vibration levels inside the car.
- This thorough quality and reliability testing prior to handover further reduces the need for unplanned maintenance callouts.



# CLOUD CONNECTED PEOPLE FLOW® SOLUTIONS

## KONE 24/7 CONNECTED SERVICES

KONE 24/7 Connected Services\* is a round-the-clock diagnostics service that gathers data on your equipment's condition. We analyse this data and use it to make intelligent and proactive decisions on how to solve any potential problems – even before they occur. Plus if something happens, we know about it right away to decide on the right action.



## SIMPLER HOMECOMINGS WITH KONE RESIDENTIAL FLOW

KONE Residential Flow\* brings new levels of convenience for homeowners, tenants and property managers by connecting intercom systems, building doors, lifts and information channels via an easy-to-use smartphone application.



### Easy Access

Travel all the way to your front door without touching a single button



### VIP Visitors

Greet and grant access to visitors, wherever you are.



### Instant Information

Never miss an important announcement on your smartphone and InfoScreens.

Please contact your local representative for availability of these services in your area.

# ENHANCED USER EXPERIENCE, PERFORMANCE AND SECURITY

## KONE PEOPLE FLOW INTELLIGENCE

### KONE DESTINATION – AN EFFORTLESS LIFT EXPERIENCE



#### 1 Select your destination floor

at the Destination Operating Panel (DOP). The display will tell you which lift has been assigned to you and where it is located.

#### 2 Move towards your lift

All lifts are clearly marked with identifiers above their doors

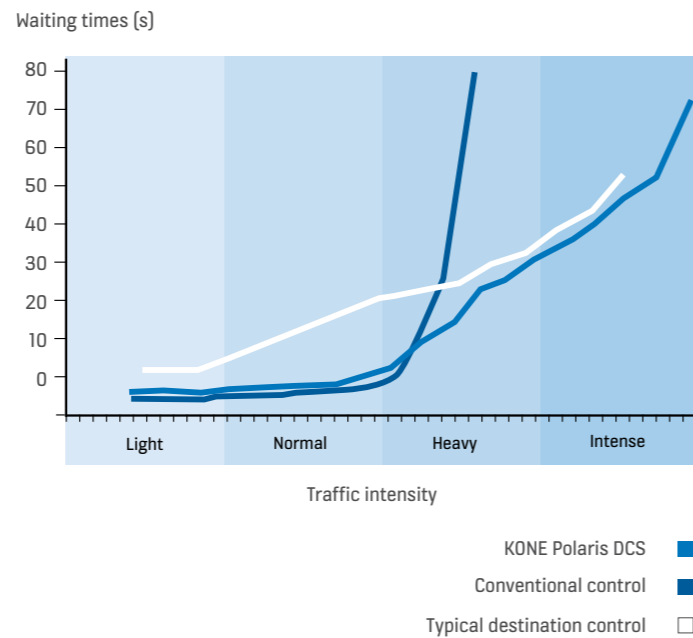
#### 3 Enjoy the journey

Once in the car, the next-stops indicator displays the destination stops the car will make. The position indicator informs you when you have arrived at your destination floor.

Unlike conventional elevator control systems, which only register the desired travel direction, the KONE Destination Control System (DCS) incorporates information about desired destination floors and the number of waiting passengers. This information helps to increase lift handling capacity, reduce journey times, minimise intermediate stops, as well as enhance accessibility and passenger comfort.



With the KONE RemoteCall™ application, passengers can call a lift from anywhere in the building using their mobile device.



Our stylish touchscreen destination operating panels are easy to use and enhance the look of your lobby.

### KONE ACCESS – IMPROVED PEOPLE FLOW AND SECURITY

KONE access solutions offer a fully scalable system for managing tenant and visitor access throughout a building.

They combine the latest software and hardware for managing access profiles and controlling door, turnstile and lift access. The system can be integrated with KONE's destination control system.

In addition to providing its own access solution, KONE can integrate any third-party access solution with its lift system, offering you complete freedom of choice.



By integrating KONE turnstile solutions with our destination and access solutions you benefit from consistent design, flexible personalisation features and enhanced comfort for visitors and tenants

### KONE INFORMATION – EFFECTIVE COMMUNICATION AND GUIDANCE

KONE information solutions are a convenient way to share multimedia and web-based content, as well as safety and building-related information, in elevator cars and elsewhere in the building.



### KONE MONITORING – EASY EQUIPMENT MANAGEMENT AND CONFIGURATION

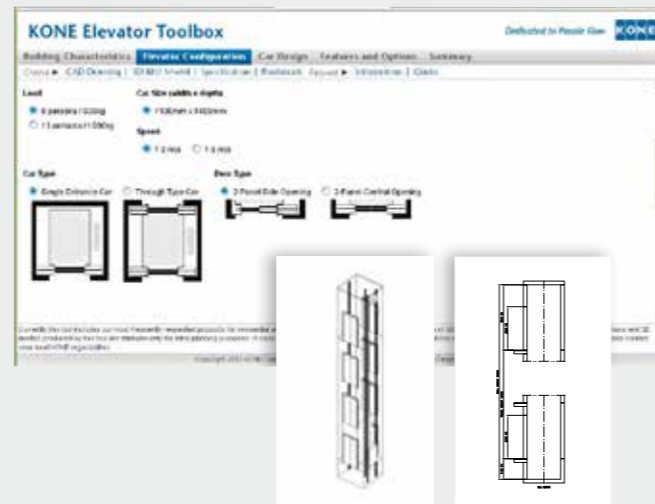
KONE monitoring solutions enable the real-time inspection of lift and escalator operation across multiple locations via a single interface. As well as providing an overview of equipment status and performance, they enable remote configuration and can be easily integrated with existing facility management systems.

# WORLD-CLASS DESIGN TOOLS

Take advantage of our easy-to-use tools for planning your lifts and designing a car that will fit your building's look and feel perfectly.

## KONE Elevator Toolbox – including BIM models

- With the KONE Elevator Toolbox you can create a detailed lift specification online and create customised CAD drawings for preliminary planning.
- KONE Building Information Modeling (BIM) models make it easier and quicker for architects to prepare digital lift designs. Included in the elevator toolbox, these models are compatible with most common project documentation systems and include the latest KONE lift specifications. Once your lift design is ready, you can send the specifications direct to a KONE sales representative ready for tendering or ordering.

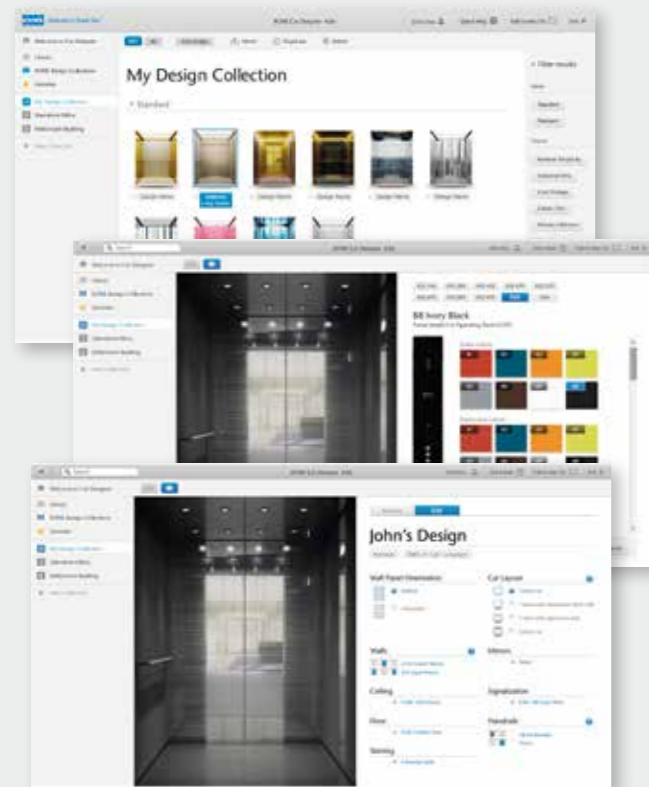


[toolbox.kone.com/en\\_GB](http://toolbox.kone.com/en_GB)

## KONE Car Designer – including new designs, materials and accessories

- Create your own virtual lift interior design online or together with a KONE sales representative with the KONE Car Designer.
- Choose a theme from the KONE Design Collection, or mix and match your choice of materials, lighting and accessories to create a totally new look.
- Save your design as a printable PDF and send a link to a colleague or to a KONE sales representative.

[cardesigner.kone.co.uk](http://cardesigner.kone.co.uk)



# CREATING THE PERFECT LIFT

## SELECTABLE CAR ELEMENTS



reddot design award  
honourable mention 2012

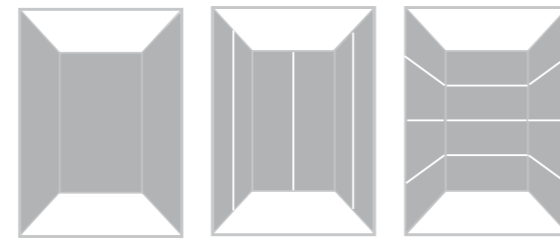
KONE's new, award-winning horizontal wall panel design is visually appealing and creates a spacious feeling inside the lift car.

Wall panel configuration

- All materials are available with vertical 2-panel per wall and horizontal 4-panel per wall designs for KONE MonoSpace® 500, KONE MonoSpace® 700 and KONE MiniSpace™.
- Material scaling & variability**
- Patterned images not to scale. Consult your sales representative for Car Designer Tool and samples.
- Real wood laminates are made of natural materials so variation will occur.

Premium materials

- Premium materials are designated by P



Vertical 1-panel per wall    Vertical 2-panels per wall    Horizontal 4-panels per wall

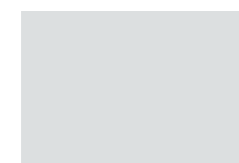
Key			
Blue	Price Group A	Dark Grey	Price Group E
Green	Price Group B	Black	Price Group F
Light Blue	Price Group C	Pink	Price Group G
Orange	Price Group D	Light Grey	Price Group H

Painted steel



P50 Cloud White    P51 Misty Gray    P52 Sunny Yellow    P53 Dawn Red    P54 Sky Blue

Steel



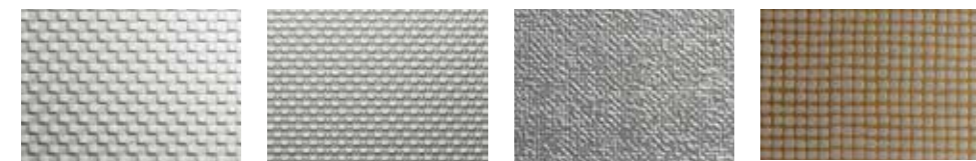
Z Zinc coated, local paint or decoration

Brushed stainless steel



F Asturias Satin (Ferritic)    F1 Asturias Satin (Austenitic)    SS1 Shangri-La Gold

Textured stainless steel



K Scottish Quad    TS1 Flemish Linen    SS4 Aqua Weave    SS6 Sunlit Twill

Mirror polished stainless steel



H Murano Mirror    SS2 Vegas Gold    SS3 Paris Black

Wet polished stainless steel



A (AISI316) Acid proof  
Only available for KONE MonoSpace® 500 and KONE MonoSpace® 700 EN81-71 Cat 1 compliant

Etched stainless steel



ES1 Silver Diamond    ES2 Silver Bamboo    ES3 Silver High-rise

Laminate



L202 Hazel Oak    L203 Almond Oak    L204 Cherry Oak    L205 Ebony Oak

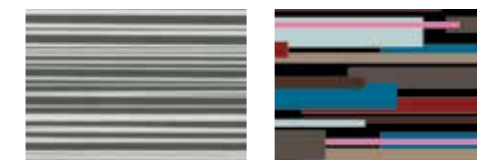


L206 Mandarin Orange    L207 Lime Green    L208 Lotus Blue    L209 Snowberry White



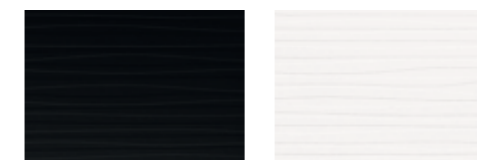
L226 Misty Gray

Printed laminate



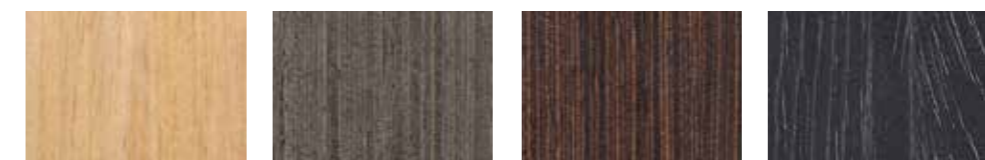
L210 Graphic Bamboo    L212 Color Cool

3D laminate



L215 Aqua Black    L216 Windwall White

Real wood laminate



L219 Oak    L220 Walnut    L221 Wenge    L222 Black Oak

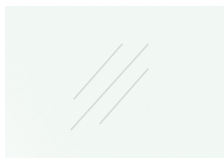
Metallic laminate



L200 Oriental Gold    L201 Oriental Bronze

Due to the special characteristics of this material, the appearance of brush marks may vary between wall panels. Alignment of these markings cannot be guaranteed.

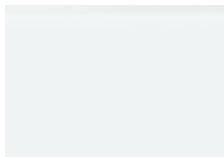
Transparent glass



TW1 Glass

For certain ranges of KONE MonoSpace® 700 glass side walls are also available. Please consult your KONE sales representative for details.

Coloured glass



GW1 Siberian Glaze



GW11 Soho Glaze

Patterned glass



G5\* Silver Flow



G7 Silver Chain



G11 Classic Bamboo

Note  
\* These patterns on the glass are mirrors.

Rubber



RC6 Dallas Black



RC20 Smoke Gray



RC21 Denver Gray



RC22 Shell Gray



RC24 Dusk Blue

Vinyl



VF20 Ash Gray



VF22 Carbon Gray



VF23 Steel Gray



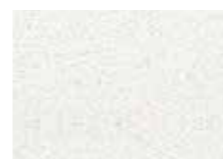
VF25 Flakey Gray

Metal plate



AL Aluminum

Stone



SF30 Chalk White



SF31 Grainy Sand



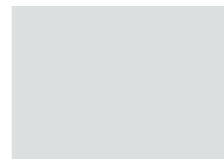
SF32 Diorite Black

Ceramic Slab



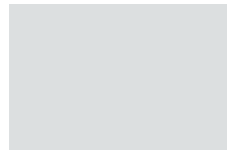
SF33 Brass Brown

Local floor



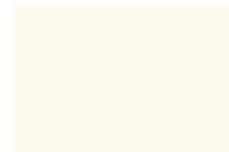
Z Zinc Coated Steel Raw surface for local finish

Steel



**Z Zinc Coated Steel** **A**  
Raw surface for local finish

Painted steel



**P50**  
Cloud White **A**



**P51**  
Misty Gray **A**

Textured stainless steel



**K**  
Scottish Quad **C**



**TS1**  
Flemish Linen **C**



**SS4**  
Aqua Weave **C**

Brushed stainless steel



**F**  
Asturias Satin (Ferritic) **B**



**F1**  
Asturias Satin (Austenitic) **P C**



**SS1**  
Shangri-La Gold **P D**

Wet polished stainless steel



**A (AISI316)**  
Acid proof **P D**  
Only available for KONE MonoSpace® 500 and KONE MonoSpace® 700 EN81-71 Cat 1 compliant

Mirror polished stainless steel



**H**  
Murano Mirror **D**



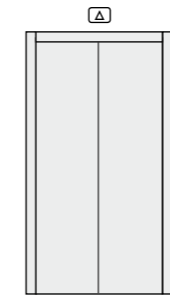
**SS2**  
Vegas Gold **P F**



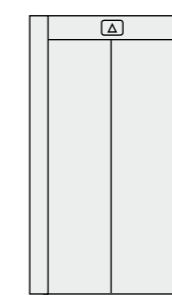
**SS3**  
Paris Black **P F**

Landing door types

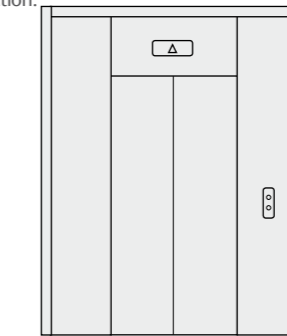
**Note:**  
Finishing availability varies according to door type.  
Consult your sales representative for more information.



Narrow frame



Frame



Front

Maintenance Access Panel



MAP integrated into door frame



Wall-mounted MAP

MAP integrated into door frame  
Maintenance and rescue operations are integrated in a small cabinet

Integrated at topmost landing door or one floor below

Steel



**Z Zinc Coated Steel** **A**  
Raw surface for local finish



**F**  
Asturias Satin (Ferritic) **B**



**H**  
Murano Mirror **P D**



**SS1**  
Shangri-La Gold **P D**

Textured stainless steel



**K**  
Scottish Quad **C**



**TS1**  
Flemish Linen **C**



**SS4**  
Aqua Weave **C**

Wet polished stainless steel



**A (AISI316)**  
Acid proof **P D**  
Only available for KONE MonoSpace® 500 and KONE MonoSpace® 700 EN81-71 Cat 1 compliant

Painted steel



**P50**  
Cloud White **B**



**P51**  
Misty Gray **E**



**P55**  
Thunder Gray Landing door only **E**



**P**  
Painted steel **E**

Etched stainless steel



**ES2**  
Silver Bamboo **P E**



**ES3**  
Silver High-rise **P E**



**ES5**  
Brushed Bamboo **P E**

Glass



**TW1**  
Transparent **H**

Patterned transparent glass



**G14**  
White Bamboo **P H**

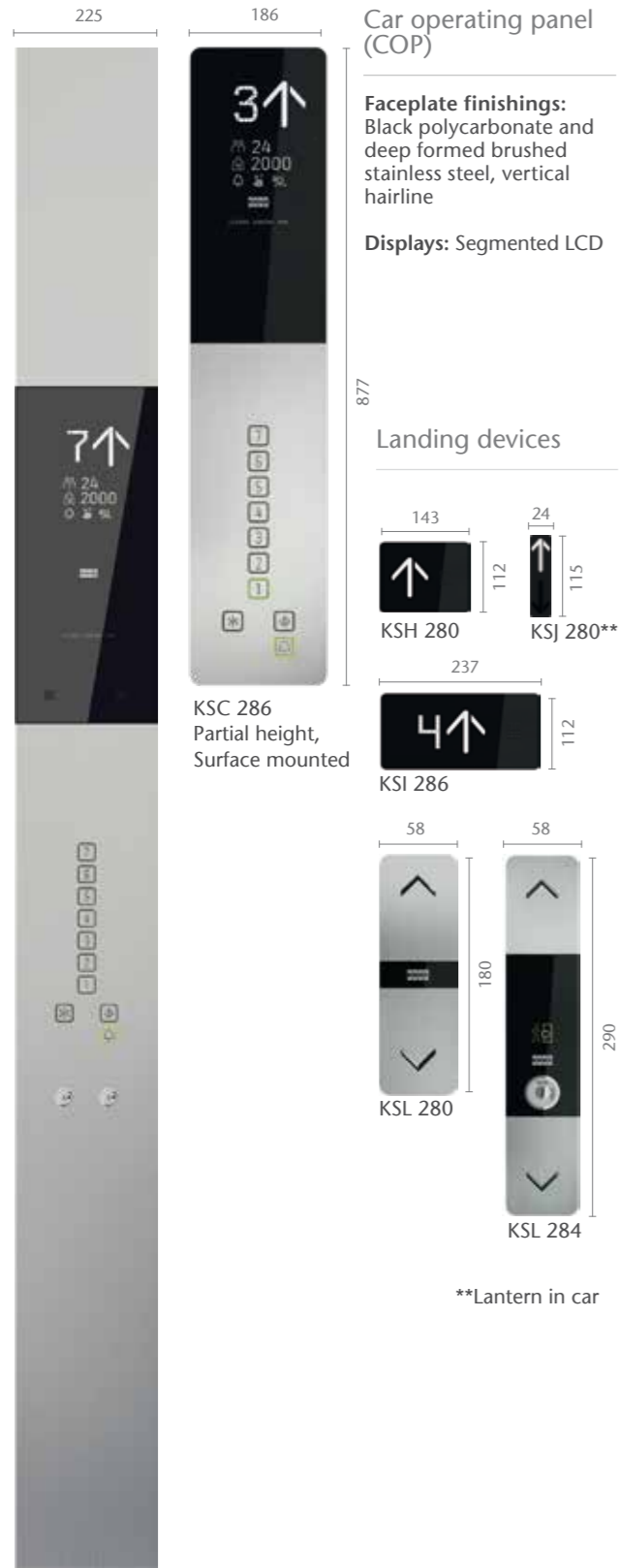


**G12**  
London Lights **P H**



KSS 280

Surface/Flush mounted signalisation

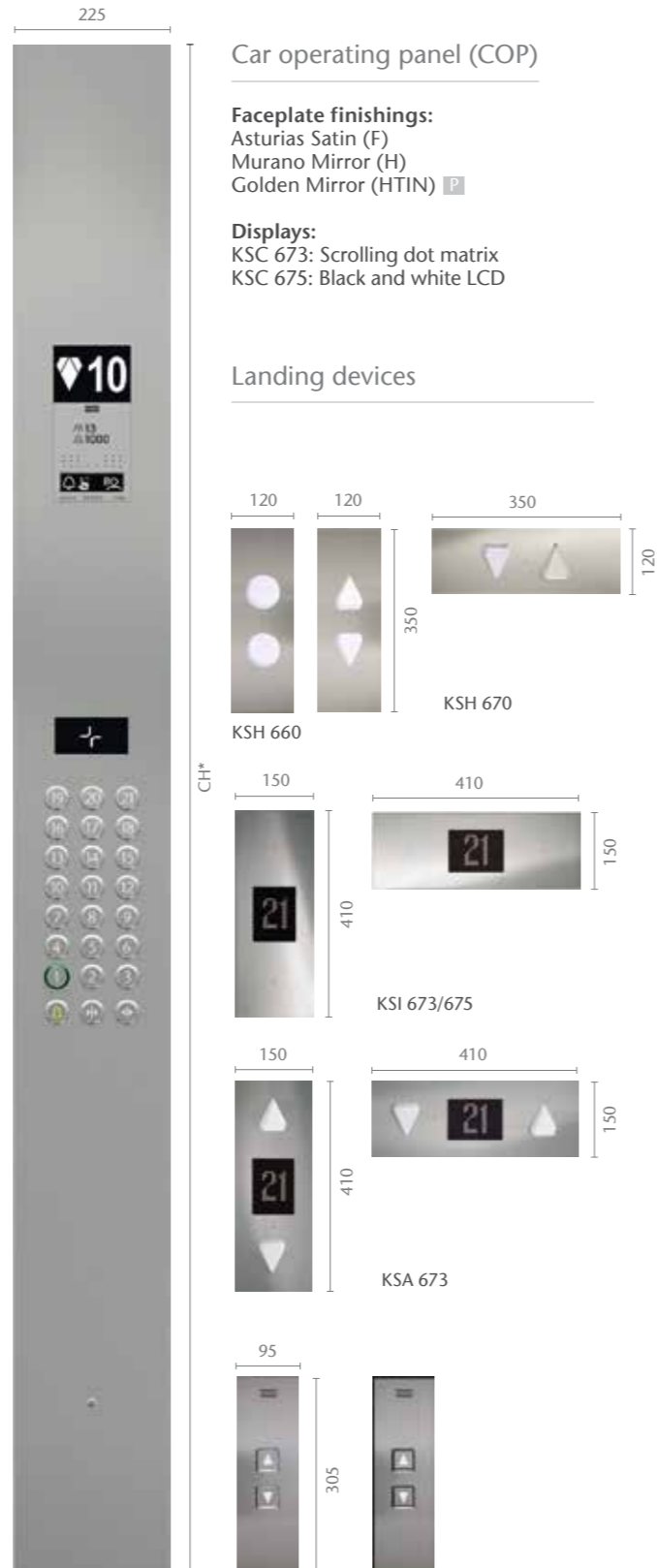


KSC 276 Full height, Flush mounted



KSS 670

Flush mounted signalisation



KSC 673/675 Full height

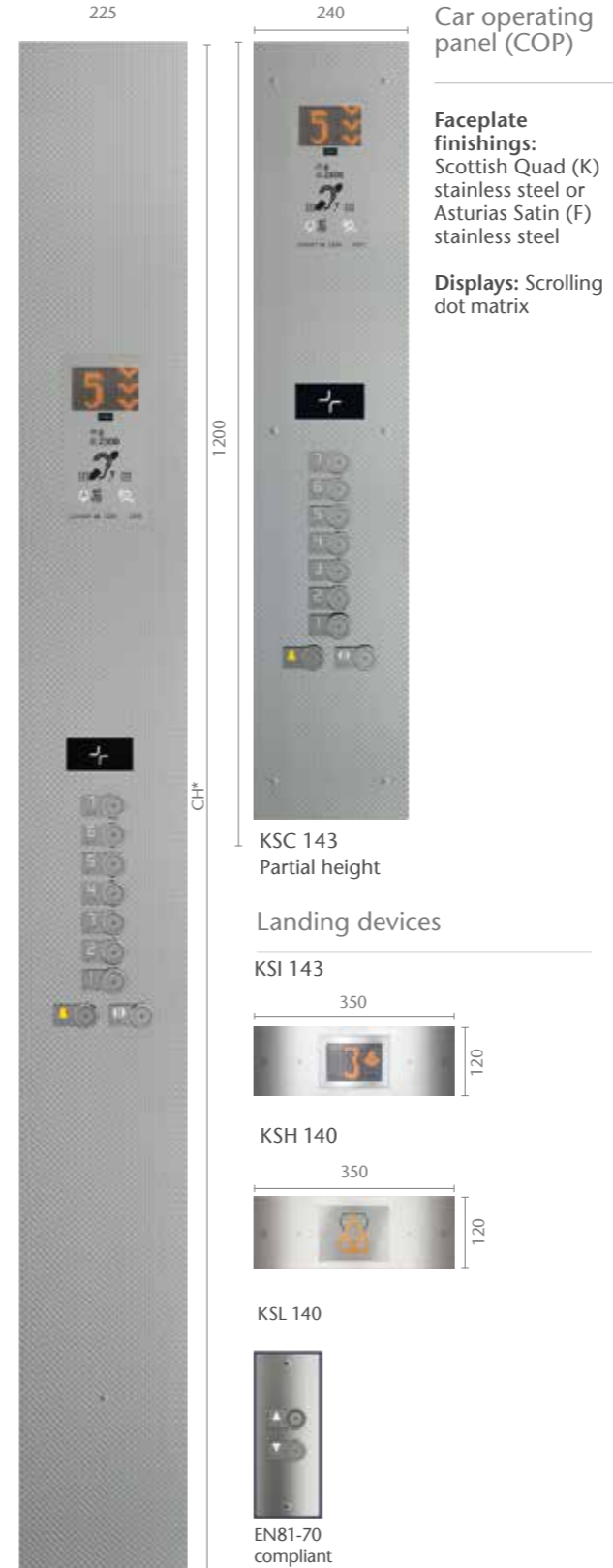
KSL 670

EN81-70 compliant Landing call station

KSS 140

Flush mounted, vandal resistant signalisation

Available with vertical panelling only  
EN 81-71 Cat 1 compliant



KSC 143

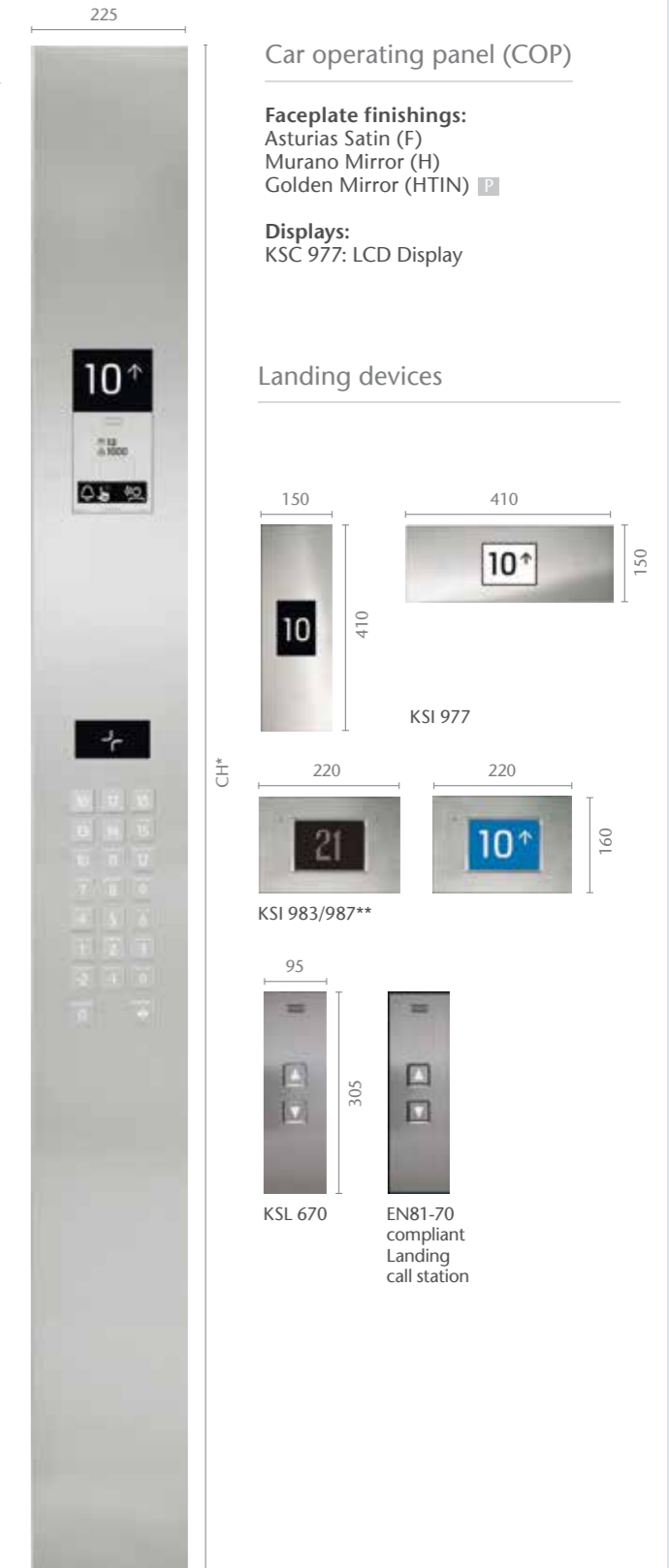
Vandal-resistant signalisation (EN81-71 Cat. 1 compliant)

\* Note

The exact height of the COP depends on the car height and the selected ceiling option.

KSS 970

Flush mounted signalisation



KSC 977 Full height

KONE DESIGN SIGNALISATION

Faceplate alternatives for KSS D Series signalisation (KSC D20, KSC D50 and KSC D60) series

The D series signalisation is available in these KONE Design signalisation alternatives, in stainless steel and with unique designs. These are KONE Design signalisation examples of KSC D20 Partial height Car operating panel (COP)

Partial height Car operating panel (COP)  
Width 200 mm, height 1300 mm



Solid colours



Patterned colours



KONE KSS D SERIES SIGNALISATION

KSC D20 series

Partial height  
Car operating panel  
(COP)



▲ Width 200 mm,  
Height 1300 mm  
KSC D23,  
Brushed stainless steel

KSC D50 and D60 series

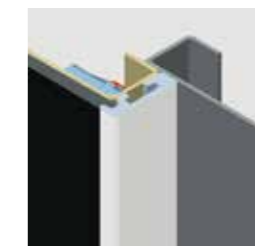
Full height  
Car operating panel  
(COP)



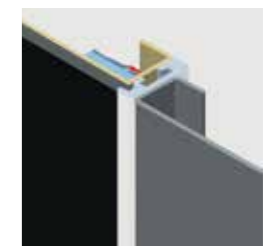
◀ Width 225 mm,  
Height depends on car height (CH)  
and selected ceiling option  
KSC D53 Surface mounted  
and KSC D63 Flush mounted,  
Brushed stainless steel

UNIQUE DESIGNS

Available for partial and full height Car operating panel (COP)



KSC D53



KSC D63

Landing devices for KSS D series signalisation Unique/ Numbers and Blocks

Hall lantern indicators



Hall lantern



Indicator faceplate material is always polycarbonate. The landing call stations are also available in stainless steel.



EN81-70 compliant landing device available for all the colour options

Note:  
Custom designs are also available. Contact your KONE sales representative for more information.

KSS 800

Surface mounted signalisation

for KONE Destination Control System (DCS)



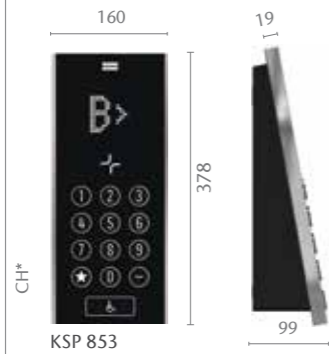
Car operating panel (COP)

**Faceplate finishings:**  
Black polycarbonate

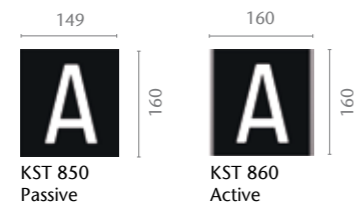
**Displays:**  
KSC 863: Scrolling dot matrix

KSC 853 Partial height also available  
Width 200 mm, Height 1300 mm

Destination operating panel (DOP)



Elevator identifier (EID)



reddot design award  
winner 2012

KSC 863  
Full height

**\* Note**  
The exact height of the COP depends on the car height (CH) and the selected ceiling option.

Tenant directory



**TD3**  
Frame finishing: brushed or polished aluminium

The printed tenant directory is completely customisable and can be easily updated according to the customer's needs.

Sizes



D3\*



TD4\*€

Directories can be installed either vertically or horizontally.

**\* Note**

For TD3 and TD4: brushed stainless steel base, tempered glass door.

Destination Control Operating Panel



**KSP 858**  
Our touchscreen destination operating panel for use with KONE DCS solutions, incorporates the latest capacitive technology and a highly intuitive interface.

Digital info screens



**IS08**  
Standard version, 8.4" display  
Surface mounted

**IS15**  
Premium offline version, 15" display\* P  
Surface mounted or Flush mounted

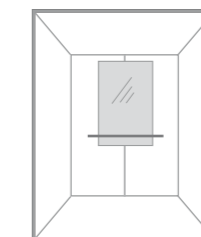
Additional features may be available. Consult your sales representative for more information.

Frame finishing: brushed or polished stainless steel.

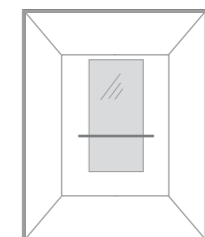


SIZES AND POSITIONING

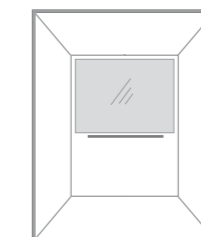
Mirrors can be located on the rear and side walls of the lift car. Mirror and handrail dimensions are determined by the wall width. Please consult your KONE sales representative for details.



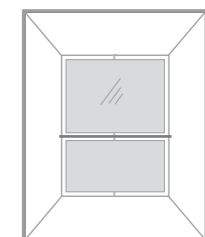
**MR1**  
Partial width/Partial height



**MR1**  
Partial width/Mid height



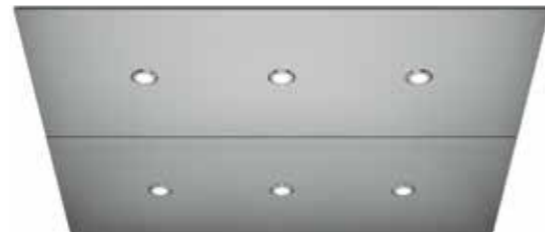
**MR1**  
Full width/Partial height



**MR1**  
Full width/Full height



Type: **CL80**  
 Finishings: Asturias Satin (F)  
 Cloud White (P50)  
 Murano Mirror (H) **P**  
 Lighting: KONE Eco spot lights, round

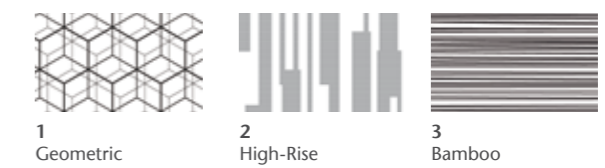


Type: **CL88**  
 Finishings: Asturias Satin (F)  
 Cloud White (P50)  
 Murano Mirror (H) **P**  
 Lighting: LED spot lights, round



Type: **CL151** **P**  
 Frame finishing: Asturias Satin (F)  
 Shangri-La Gold (SS1)  
 Lighting: LED panel with frosted white diffuser, plain or with graphics.

Graphic options for LED panel



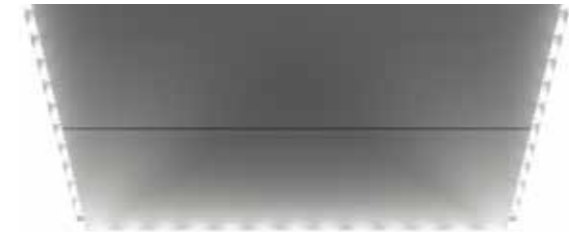
Type: **CL94**  
 Finishings: Asturias Satin (F)  
 Cloud White (P50)  
 Murano Mirror (H) **P**  
 Lighting: T5 fluorescent tubes  
 Note: EN81-71 Cat1 compliant version available



Type: **CL95**  
 Frame finishing: Asturias Satin (F)  
 Murano Mirror (H)  
 Centre panels: Cloud White (P50) painted steel  
 Lighting: T5 fluorescent tubes



Type: **CL162** **P**  
 Finishings: Asturias Satin (F)  
 Murano Mirror (H)  
 Top panel: Cloud White (P50) painted steel  
 Lighting: T5 Fluorescent tubes and LED spot lights, square



Type: **CL181** **P**  
 Finishings: Asturias Satin (F)  
 Murano Mirror (H)  
 Shangri-La Gold (SS1)  
 Vegas Gold (SS2)  
 Lighting: LED  
 See below for actual CL181 ceiling installed in car



Type: **CL97**  
 Finishing: Asturias Satin (F)  
 Murano Mirror (H) **P**  
 Shangri-La Gold (SS1) **P**  
 Lighting: LED spot lights, square



Type: **CL98**  
 Finishing: Asturias Satin (F)  
 Murano Mirror (H) **P** **P**  
 Lighting: LED spot lights, rectangular



Type: **CL193** **P**  
 Frame finishing: Asturias Satin (F)  
 Center panels: Cloud White (P50) painted steel  
 Lighting: T5 fluorescent tubes

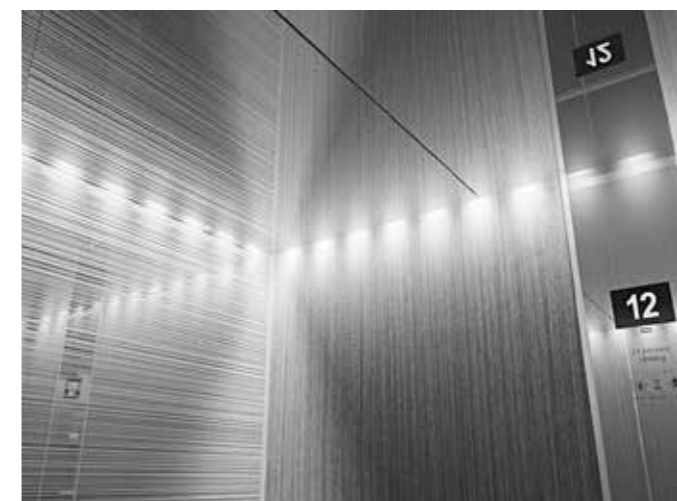


Type: **LF1**  
 Frame finishing: Asturias Satin (F)  
 Cloud White (P50) painted steel  
 Misty Gray (P51) painted steel  
 Lighting: T5 fluorescent tubes



Type: **CL104**  
 Frame finishing: Asturias Satin (F)  
 Murano Mirror (H) **P**  
 Centre panels: Cloud White (P50) painted steel  
 Lighting: T5 fluorescent tubes

**Note:**  
 Only available for KONE MonoSpace® 700  
 EN81-71 cat 1 compliant version available



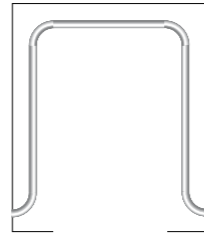
Actual CL181 ceiling installed in car



CL181



**HR64\***  
 Round, bent ends  
 EN 81-71 Cat 1 compliant  
 Finishings:  
 Brushed stainless steel (F)  
 Mirror polished stainless steel (H) **P**  
 Golden brushed stainless steel (SS1) **P**



\* Also available as a continuous handrail



**F**  
 Brushed stainless steel



**H** **P**  
 Mirror polished stainless steel



**SS1** **P**  
 Golden brushed stainless steel



**HR65\***  
 Triangular, bent ends  
 EN 81-71 Cat 1 compliant  
 Finishings:  
 Brushed stainless steel (F)  
 Mirror polished stainless steel (H) **P**



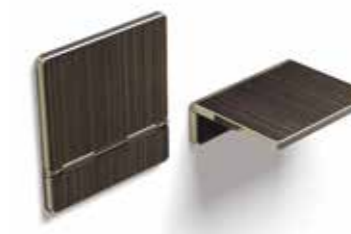
**HR94** **P**  
 Round, bent ends  
 EN 81-71 Cat 2 compliant  
 Finishings:  
 Brushed stainless steel (F)  
 Only available for KONE MonoSpace® 700  
 and KONE MiniSpace™



**HR34**  
 Round, bent ends  
 Aluminium (LBE) with  
 black end caps



**FS1**  
 L202  
 Hazel Oak



**FS1**  
 L205  
 Ebony Oak



**FS1**  
 L224  
 Black Coal



**BR1**  
 Flemish Linen (TS1)



**BR1**  
 Lava Black (RC26)



**BR1**  
 Light Wood (WL) **P**



**BR1**  
 Dark Wood (WD) **P**



**F**  
 Asturias Satin



**SS1**  
 Shangri-La Gold **P**



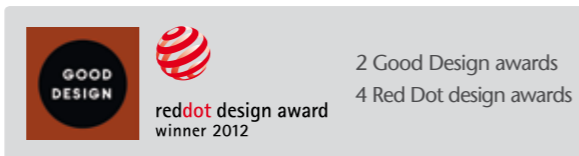
## KONE DESIGN COLLECTION

When you're designing a building that people will use daily, the lift you choose should complement your building's look and feel, create a lasting impression on passengers and make your building attractive to potential users. Your lift also needs to be functional – it should be accessible for all, well lit, user-friendly, easy to clean and resistant to wear and tear.

The new KONE Design Collection – created by our award-winning design team – offers you a versatile set of contemporary, themed interiors to choose from.

You can also create your own unique look and feel by mixing and matching our wide range of materials and accessories.

For more design inspiration take a look at the complete KONE Design Collection and use the KONE Car Designer tool together with a KONE sales representative.



## ACCESSORIES DESIGNED TO IMPROVE USER EXPERIENCE

Our wide range of accessories is designed to give passengers a great lift experience with every ride. As well as adding the finishing touches to your lift's interior, they make using the lift even easier and more convenient for passengers.

1. KONE Design signalisation – our cutting-edge signalisation options are available in a wide variety of colours and patterns, making it easy to reflect your overall lift design.
2. Car operating panels can be customised with your choice of graphics and tenant directory information.
3. KONE InfoScreen makes it easy to communicate important building information to tenants and visitors.



# SUPPORTING YOU EVERY STEP OF THE WAY

Choose a partner with over a century of experience in delivering pioneering lift solutions. Get expert advice from professionals and enjoy the peace of mind that comes with comprehensive support. KONE is with you every step of the way – from planning and design through installation and maintenance to modernisation – for the entire life cycle of your building.



## 1 Expert design and planning services

- Expert planning advice helps you specify the optimal lift solution for your building requirements.
- Easy-to-use online design tools save you time and effort during the design process by allowing you to create CAD drawings, 3D BIM models and custom car interiors.
- Energy consumption calculations for every individual lift solution.

## 2 Safe and efficient installation

- Highly efficient scaffoldless installation methods and a simple building interface result in considerable cost savings for our customers and minimise disruptions to other construction work.
- Strict quality criteria for each phase of installation ensuring "first time right every time".
- Continuous training, site audits, installation safety passports and proven methods ensure maximum site safety.
- Eco-efficient installation processes maximise waste recycling and minimise the use of solvents.

## 3 Quality assurance at handover and professional maintenance

- We are the only company to provide in-depth ride quality testing of each lift before handover.
- Our lifts are known for their reliability and have an average availability rate of 99%.
- Our global spares centre stocks over 150,000 parts and offers 24-hour delivery for the most commonly requested parts.
- Preventive KONE Care® maintenance solutions – including a comprehensive online service reporting system – make it easier to monitor and budget for lifts, escalators and doors maintenance.



## NO COMPROMISES ON SAFETY

When you choose KONE, you choose peace of mind. Safety is the starting point for every KONE solution and all our solutions include the latest innovations in safety technology as standard.

Our KONE MonoSpace® lift solution includes a wide range of features that are designed to both maximise safety for passengers and make it easy for you to inspect the condition of your equipment to ensure that it operates safely at all times.

- Daily **automatic brake testing**
- **Proven rope technology** that is easy to inspect
- A curtain of light to ensure **safe entry and exit**
- **Accurate landing** that eliminates risk of tripping
- A door opening button for **door control** when the lift is stopped
- A 2-way communication system for **instant, 24/7 contact with KONE Customer Care Centre** in case of emergency

KONE also demonstrates its strong commitment to safety by working closely with the people who rely on our products to provide a safe, comfortable experience in their daily lives. Our safety events and communication material give people the opportunity to familiarise themselves with how lifts operate and how to use a lift safely.

# KONE MONOSPACE® 700

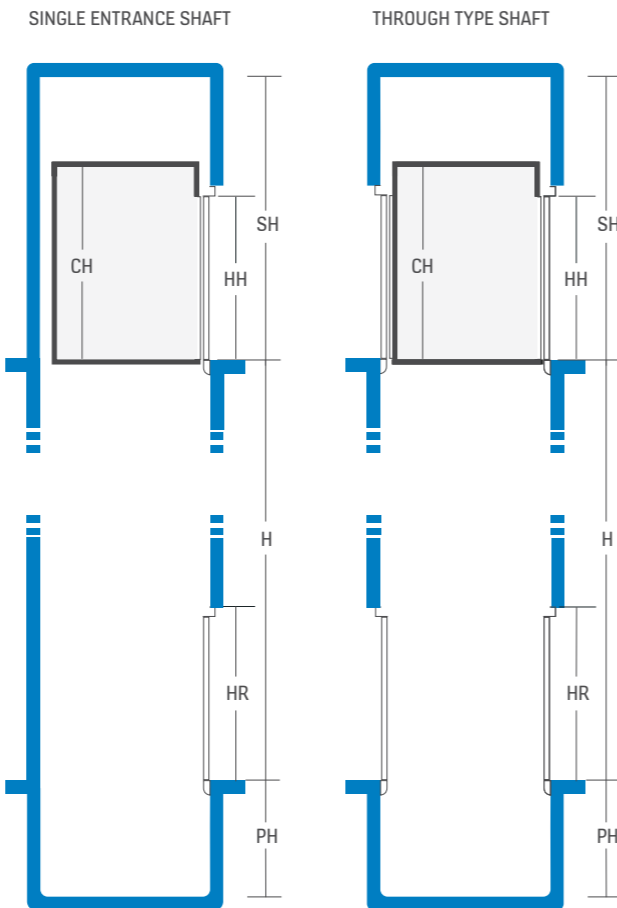
Compliant with EN81-20 code

KONE MONOSPACE 700 DUTY RANGE		
Speed (m/s)	Load (kg)	Travel (m)
1.0	Q ≤ 1200	60
1.0	Q = 1275	40
1.0	1350 ≤ Q ≤ 2500	60
1.6	Q ≤ 1200	70
1.6	1275 ≤ Q ≤ 2000	90
1.6	2275 ≤ Q ≤ 2500	60
2.0	Q ≤ 1150	70
2.0	Q > 1150	90
2.5	630 ≤ Q ≤ 2000	90
3.0	1000 ≤ Q ≤ 1600	120

KONE MONOSPACE 700 HEADROOM HEIGHT (SH)			
Speed (m/s)	Q (kg)	Balustrade 700 mm SH (mm)	Balustrade 1100 mm SH (mm)
1.0	630 - 1275	CH + 1400	CH + 1800
1.0	630 - 1275	CH + 1450 if ceiling type: CL162, CL88L, CL94L	CH + 1850 if ceiling type: CL162, CL88L, CL94L
1.0	1350 - 2500	CH + 1450	CH + 1850
1.6	630 - 2500	CH + 1600	CH + 2000
2.0	630 - 1150	CH + 1800	CH + 2200
2.0	1275 - 2000	CH + 2000	CH + 2300
2.5	630 - 1000	CH + 2100	CH + 2500
2.5	1150 - 1600	CH + 2300	CH + 2700
2.5	1800 - 2000	CH + 2200	CH + 2500
3.0	1000 - 1600	5000	CH + 2850

KONE MONOSPACE 700 PIT HEIGHT (PH)		
Speed (m/s)	Q (kg)	Pit height PH (mm)
1.0	630 - 1150 (DD ≤ 2100)	1200 - 1750
1.0	1150 (DD > 2100) - 1275	1250 - 1750
1.0	1350 - 1600	1300 - 2000
1.0	1800 - 2000	1400 - 2000
1.0	2275	1400 - 2000
1.0	2500	1425 - 2000
1.6	630 - 1200	1350 - 2000
1.6	1275 - 1600	1400 - 2000
1.6	1800	1500 - 2200
1.6	2000 - 2500	1500 - 2200
2.0	630 - 1150	1550 - 2500
2.0	1275 - 1600	1700 - 2500
2.0	1800 - 2000	1850 - 2500
2.5	630 - 1000	1950 - 2500
2.5	1150 - 2000	2250 - 2500
3.0	1000 - 1600	3100

- Q = RATED LOAD OF LIFT
- BB = CAR WIDTH
- DD = CAR DEPTH
- CH = CAR CLEAR HEIGHT
- FW = FRONT WALL WIDTH
- FW1 = SIDE WALL LEFT - FRAME DOOR APPLICATION ONLY
- FW2 = SIDE WALL RIGHT - FRAME DOOR APPLICATION ONLY
- HH = DOOR CLEAR OPENING HEIGHT. MAX. HH = CH.
- HR = DOOR RAW OPENING HEIGHT.
- LL = DOOR CLEAR OPENING WIDTH
- LR = DOOR RAW OPENING WIDTH
- LW = RIGHT FRONT DOOR COVER (INCLUDING 30 MM TOLERANCE)
- LW1 = LEFT FRONT DOOR COVER (INCLUDING 30 MM TOLERANCE)
- WW = SHAFT WIDTH
- WD = SHAFT DEPT



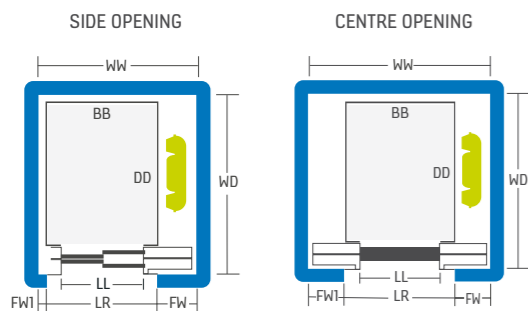
Passengers	Rated load (kg)	BB (mm)	DD (mm)	LL (mm)	Narrow frame			Frame				
					LR (mm)	FW1 (mm)	FW (mm)	WW (mm)	WD (mm)	LR (mm)	FW1 (mm)	FW (mm)
8	630	1100	1400	800	950	400	400	1750	1760	1100	325	325
8	630	1100	1400	900	1050	450	450	1950	1760	1200	375	375
8	630	1100	1400	800	950	400	400	1750	1820	1100	325	325
8	630	1100	1400	900	1050	450	450	1950	1820	1200	375	375
10	800	1350	1400	800	950	400	545	1895	1760	1100	325	470
10	800	1350	1400	900	1050	450	545	1950	1760	1200	375	470
10	800	1350	1400	800	950	400	545	1895	1820	1100	325	470
10	800	1350	1400	900	1050	450	545	1950	1820	1200	375	470
12	900	1400	1500	800	950	420	575	1945	1810	1100	345	500
12	900	1400	1500	900	1050	450	575	1950	1810	1200	375	500
12	900	1400	1500	800	950	420	575	1945	1820	1100	345	500
12	900	1400	1500	900	1050	450	575	1950	1820	1200	375	500
13	1000	1100	2100	800	950	400	400	1750	2385	1100	325	325
13	1000	1100	2100	900	1050	450	450	1950	2385	1200	375	375
13	1000	1100	2100	1000	1150	500	500	2150	2385	1300	425	425
13	1000	1600	1400	900	1050	470	625	2145	1760	1200	395	550
13	1000	1600	1400	1000	1150	500	625	2150	1760	1300	425	550
13	1000	1600	1400	1100	1250	550	625	2350	1760	1400	475	550
13	1000	1600	1400	900	1050	470	625	2145	1820	1200	395	550
13	1000	1600	1400	1000	1150	500	625	2150	1820	1300	425	550
13	1000	1600	1400	1100	1250	550	625	2350	1820	1400	475	550
15	1150	1200	2100	800	950	400	400	1750	2385	1100	325	325
15	1150	1200	2100	900	1050	450	450	1950	2385	1200	375	375
15	1150	1200	2100	1000	1150	500	500	2150	2385	1300	425	425
15	1150	1600	1550	900	1050	470	625	2145	1835	1200	395	550
15	1150	1600	1550	1000	1150	500	625	2150	1835	1300	425	550
15	1150	1600	1550	1100	1250	550	625	2350	1835	1400	475	550
15	1150	1200	2100	800	950	400	540	1890	2385	1100	325	465
15	1150	1200	2100	900	1050	450	540	1950	2385	1200	375	465
15	1150	1200	2100	1000	1150	500	540	2150	2385	1300	425	465
15	1150	1600	1550	900	1050	520	720	2290	1925	1200	445	645
15	1150	1600	1550	1000	1150	500	720	2290	1925	1300	425	645
15	1150	1600	1550	1100	1250	550	720	2350	1925	1400	475	645
15	1150	1600	1550	900	1050	520	720	2290	2105	1200	445	645
15	1150	1600	1550	1000	1150	500	720	2290	2105	1300	425	645
15	1150	1600	1550	1100	1250	550	720	2350	2105	1400	475	645

Passengers	Rated load (kg)	BB (mm)	DD (mm)	LL (mm)	Narrow frame			Frame				
					LR (mm)	FW1 (mm)	FW (mm)	WW (mm)	WD (mm)	LR (mm)	FW1 (mm)	FW (mm)
8	630	1100	1400	800	950	150	550	1650	1785	1100	70	480
8	630	1100	1400	900	1050	150	550	1650	1785	1200	75	375
8	630	1100	1400	800	950	150	550	1650	1860	1100	70	480
8	630	1100	1400	900	1050	150	550	1650	1860	1200	75	375
8	630	1100	1400	800	950	150	550	1650	1920	1100	70	480
8	630	1100	1400	900	1050	150	550	1650	1920	1200	75	375
12	900	1400	1500	900	1050	150	750	1950	1910	1200	70	680
12	900	1400	1500	900	1050	150	750	1950	1920	1200	70	680
13	1000	1100	2100	800	950	150	550	1650	2485	1100	70	480
13	1000	1100	2100	900	1050	150	550	1650	2485	1200	75	375
15	1150	1200	2100	800	950	170	630	1750	2485	1100	70	580
15	1150	1200	2100	900	1050	170	630	1750	2485	1200	70	480
15	1150	1200	2100	1000	1150	150	500	1800	2485	1300	75	425
15	1150	1200	2100	800	950	270	670	1890	2485	1100	195	595
15	1150	1200	2100	900	1050	270	670	1890	2485	1200	195	495
15	1150	1200	2100	1000	1150	220	520	1890	2485	1300	145	445

Passengers	Rated load (kg)	BB (mm)	DD (mm)	LL (mm)	Narrow frame			Frame				
					LR (mm)	FW1 (mm)	FW (mm)	WW (mm)	WD (mm)	LR (mm)	FW1 (mm)	FW (mm)
21	1600	1400	2300	1300	1450	350	350	2150	2685	1600	275	275
21	1600	1400	2400	1300	1450	350	350	2150	2785	1600	275	275
21	1600	1400	2300	1300	1450	350	350	2150	2725	1600	275	275
21	1600	1400	2400	1300	1450	350	350	2150	2825	1600	275	275
26	2000	1500	2600	1300	1450	350	400	2200	3025	1600	280	320
26	2000	1500	2600	1300	1450	350	450	2250	3025	1600	280	370
26	2000	1500	2700	1300	1450	350	400	2200	3125	1600	280	320
26	2000	1500	2700	1300	1450	350	450	2250	3125	1600	275	375

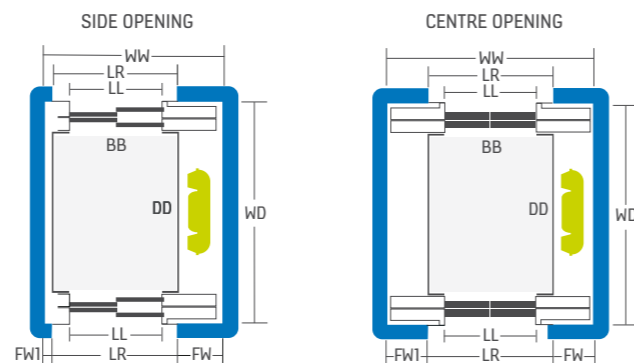
## FRAME AND NARROW FRAME DOOR TYPES

### SINGLE ENTRANCE CAR (SEC)



Frame widths:  
 Frame door:  $(WW - LL - FW1 - FW) / 2 = 120 \text{ mm}$   
 Narrow frame:  $(WW - LL - FW1 - FW) / 2 = 50 \text{ mm}$

### THROUGH TYPE CAR (TTC)





KONE provides innovative and eco-efficient solutions for lifts, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way: from design, manufacturing and installation to maintenance and modernisation. KONE is a global leader in managing the smooth flow of people and goods throughout buildings.

This makes us a reliable partner throughout the life cycle of buildings. We are fast, flexible and we have a well-deserved reputation as a technology leader, with such innovations as KONE 24/7 Connected Services and KONE UltraRope®.

KONE employs over 57,000 dedicated experts to serve you globally and locally.

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