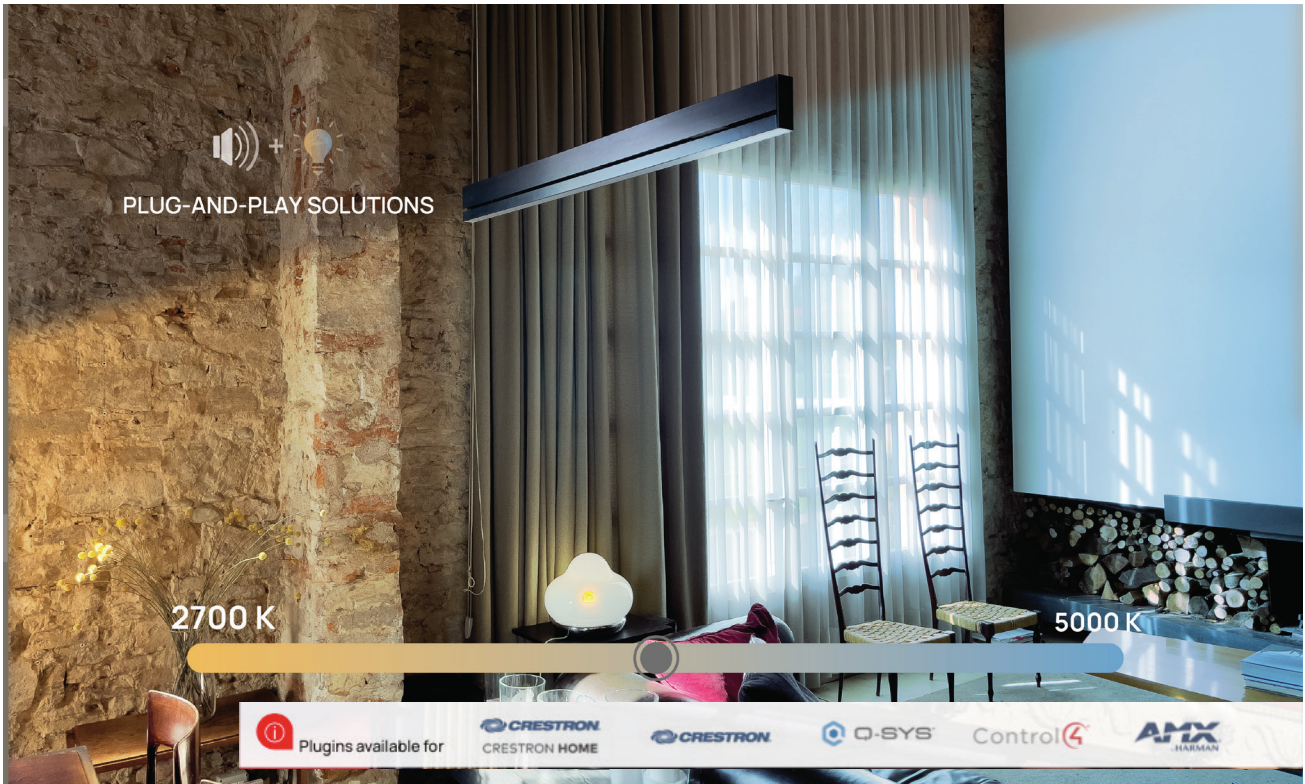




KSCAPE
Merging Senses

rail

CORPORATE APPLICATIONS



DYNAMIC, SIMPLE CONTROL

The Casambi solution is based on Bluetooth Low Energy, the state-of-the-art wireless technology creating an optimal solution in terms of ease of installation and functionality with minimal additional hardware and deployment costs. Paired with K-array's cloud based amplifiers creates an easy to use plug n play system.

HUMAN CENTRIC DESIGN

The Plug n Play RAIL works best with tunable white that enables designers to significantly improve interior environments such as offices, residential and commercial. Light can be automated to follow the natural circadian patterns of daylight with dynamic LEDs that can illuminate from 2700K to 5000K.

PERFECT FOR SOUNDMASKING

Sound masking is used to counter the distraction of unwanted sounds in an environment by increasing the ambient noise level. Our strategic partner Moodsonic use organic and generative soundtrack composition for sound masking delivering calming, biophilic soundscapes to assist with privacy and focus within a work environment. Coupled perfectly with K-array's audio solutions, overall wellbeing and performance is improved.

CORE FEATURES

- Even Continuous Sound Coverage at 110 degrees reaching up to 97dB
- Fully tunable spectrum single point source produces wide range of 90+ CRI white, pastels and saturated colours. UGR<19.
- LED light source shall have an integrated bluetooth low energy control on board with Casambi and with a high lumen efficiency of 133lm/w meeting new office specifications.

BENEFITS

- Minimum of 60,000 hours of light (Industry average 50,000), calculated based on IES LM-80 test data. Optimum performance, low maintenance.
- Flexible all-in-one solution to control both light and audio via cloud technology, easy to integrate into your internal smart building automation system
- Design efficiently and on budget without compromising on performance. Efficient energy savings and lower project costs.



SYMMETRIC



LIGHT

Only direct: 24V 33,6W 3348lm* 101lm/w
 Direct + Indirect: 24V 62W 6704lm* 108lm/w
 Tunable White 2700K to 5000K
 CRI 90 UGR <19@C0
 * Nominal consumption with 100% operating mode

AUDIO

75W peak 48 Ω
 97 dB peak with dedicated preset
 V: 10° | H: 110° Even Coverage

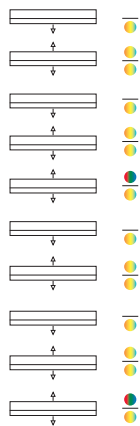
CONTROL

Light: Casambi (DALI also available)
 Audio: K-array Amplifier For Optimum Performance

BUILD

Aluminium
 3.0Kg
 1190mm x 92mm x 32mm

EMISSION



Custom RAL colours are also available

FINISHES



AUDIO



CODE

R120-SY-C-CL-B-AU
 R120-SY-C-CC-B-AU
 R120-SY-C-CL-B-NA
 R120-SY-C-CC-B-NA
 R120-SY-C-CX-B-AU
 R120-SY-C-CL-W-AU
 R120-SY-C-CC-W-AU
 R120-SY-C-CL-W-NA
 R120-SY-C-CC-W-NA
 R120-SY-C-CX-W-AU



POWER SUPPLY NOT INCLUDED



DIFFUSED



LIGHT

Only direct: 24V 33,6W 2688lm* 80lm/w
 Direct + Indirect: 24V 62W 5458lm* 88lm/w
 Tunable White 2700K to 5000K
 CRI 90
 * Nominal consumption with 100% operating mode

AUDIO

75W peak 48 Ω
 97 dB peak with dedicated preset
 V: 10° | H: 110° Even Coverage

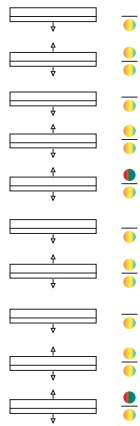
CONTROL

Light: Casambi (DALI also available)
 Audio: K-array Amplifier For Optimum Performance

BUILD

Aluminium
 3.0Kg
 1190mm x 92mm x 32mm

EMISSION



Custom RAL colours are also available

FINISHES



AUDIO



CODE

R120-DF-C-CL-B-AU
 R120-DF-C-CC-B-AU
 R120-DF-C-CL-B-NA
 R120-DF-C-CC-B-NA
 R120-DF-C-CX-B-AU
 R120-DF-C-CL-W-AU
 R120-DF-C-CC-W-AU
 R120-DF-C-CL-W-NA
 R120-DF-C-CC-W-NA
 R120-DF-C-CX-W-AU



POWER SUPPLY NOT INCLUDED



ASYMMETRIC



LIGHT

Only direct: 24V 33,6W 3262lm* 97lm/w
 Direct + Indirect: 24V 62W 6032lm* 97lm/w
 Tunable White 2700K to 5000K
 CRI 90
 * Nominal consumption with 100% operating mode

AUDIO

75W peak 48 Ω
 97 dB peak with dedicated preset
 V: 10° | H: 110° Even Coverage

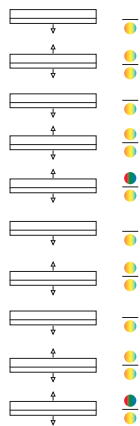
CONTROL

Light: Casambi (DALI also available)
 Audio: K-array Amplifier For Optimum Performance

BUILD

Aluminium
 3.0Kg
 1190mm x 92mm x 32mm

EMISSION



Custom RAL colours are also available

FINISHES



AUDIO



CODE

R120-AS-C-CL-B-AU
 R120-AS-C-CC-B-AU
 R120-AS-C-CL-B-NA
 R120-AS-C-CC-B-NA
 R120-AS-C-CX-B-AU
 R120-AS-C-CL-W-AU
 R120-AS-C-CC-W-AU
 R120-AS-C-CL-W-NA
 R120-AS-C-CC-W-NA
 R120-AS-C-CX-W-AU



POWER SUPPLY NOT INCLUDED

ELECTRIFIED TRACK

Flexibility is the key that identifies any projector. The electrified track allows you to magnetically attach projectors and position the light accordingly to your project needs..



LIGHT

Beam angles available 15°/24°/36°/ 50°
Third party spots can also be used

AUDIO

75W peak 48 Ω
97 dB peak with dedicated preset
V: 10° | H: 110° Even Coverage

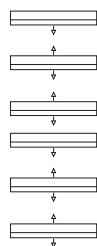
CONTROL

Light: DALI
Audio: K-array Amplifier For Optimum Performance

BUILD

Aluminium
3.0Kg
1190mm x 92mm x 32mm

EMISSION



FINISHES



AUDIO



CODE

R120-EO-D-CL-B-AU
R120-EO-D-CC-B-AU
R120-EO-D-CX-B-AU
R120-EO-D-CL-W-AU
R120-EO-D-CC-W-AU
R120-EO-D-CX-W-AU

Custom RAL colours are also available



POWER SUPPLY NOT INCLUDED

SPOT-45-AE-B



LIGHT

24Vdc 8,4W 660lm 350mA
Beam Angle 15/24/36/50°
CRI 90

MATERIALS

Aluminium

DIMENSIONS

106mm x 45mm

OPTIC

15°
24°
36°
50°

FINISHES



10pc pack
10pc pack
10pc pack
10pc pack

AUDIO

CODE

SPOT-45-AE-B
SPOT-45-AE-W
LENS-4X-15
LENS-4X-24
LENS-4X-36
LENS-4X-50



SPOT-55-AF-B



LIGHT

24Vdc 16,8W 1380lm 7000mA
Beam Angle 15/24/36/50°
CRI 90

MATERIALS

Aluminium

DIMENSIONS

134mm x 55mm

OPTIC

15°
24°
36°
50°

FINISHES



10pc pack
10pc pack
10pc pack
10pc pack

AUDIO

CODE

SPOT-55-AF-B
SPOT-55-AF-W
LENS-5X-15
LENS-5X-24
LENS-5X-36
LENS-5X-50



CLASSIFICATION



Class II: Luminaire in which protection against electrical shocks is not just based on the basic insulation but also on an additional safety precautions consisting of double reinforced insulation without conductive parts to a safety conductor (earth)



All lamps manufactured and illustrated in this catalog comply with European Standard EN 60 598 and consequently meet the requirements set forth in Directive 73/23 EEC (Low Voltage Directive). They also comply with Directive 89/336 covering electromagnetic compatibility. All products falling under the scope of the above-mentioned Directives bear the CE mark as proof of their compliance with the respective requirements

DEGREE OF PROTECTION

IP40

Protection degree offered by the fixture to the ingress of solids and liquids

VIDEO CONFERENCE AUDIO/LIGHT PACKAGES

Complete Audio/Light System Solution Plug n Play



BUNDLE 1

Hypothetical room size
4 x 3,5 m

1 x K-RLDEMO-CC-RGB + KTR25

Power LED 80W Direct Tunable White 2700K-5000K & RGBW Indirect with Casambi and mounting accessories for suspended or ceiling mounting. KA-02I amplifier and KTR25 subwoofer.

APPLICATIONS

-  Residential
-  Offices and Workplaces
-  Boardrooms and Conference Rooms

OPTIC

FINISHES

AUDIO

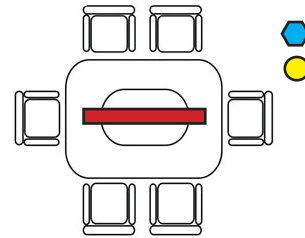
CODE

Symmetric/RGBW



KR-BUNDLE-1B

Suspended & Ceiling Mounting Options Included



BUNDLE 2

Hypothetical room size
5,5 x 4 m

2 x R120-SY-C-CC-B-AU + KA04 + KTR25

Power LED 60W Direct/Indirect Tunable White 2700K-5000K and mounting accessories for suspended or ceiling mounting. KA-04 amplifier and KTR25 subwoofer.

APPLICATIONS

-  Residential
-  Offices and Workplaces
-  Boardrooms and Conference Rooms

OPTIC

FINISHES

AUDIO

CODE

Symmetric



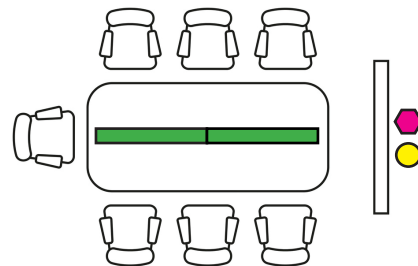
KR-BUNDLE-2B

Symmetric



KR-BUNDLE-2W


Suspended & Ceiling Mounting Options Included



Combine with Samsung Q series professional screens

SAMSUNG

PRODUCT KEY

 R120-SY-C-CX-B-AU

RAIL R120 with Symmetric light, Direct Tunable light + Indirect RGBW light, Casambi 24Vdc Control with full range audio. Available in black or white.



 R120-SY-C-CC-B-AU

RAIL R120 with Symmetric light, Direct Tunable light + Indirect Tunable light, Casambi 24Vdc Control with full range audio. Available in black or white.



 KTR25

The Truffle-KTR25 is the medium model in the compact line of Truffle subwoofers for deeper bass experience. The source subwoofer has a frequency range of 45 Hz to 150 Hz and is comprised of a single 5.25" driver with passive radiators. Designed to remain unseen, the Truffle-KTR25 has an 10"-long cylindrical speaker box equipped with one 5.25" active driver and one symmetrical 5.25" passive speaker on the opposite side.



 KA02 I

The Kommander-KA02I is a fully featured 4x50W@4Ω class-D amplifier with a high-performing DSP, the Integrated Electronic Brain (IEB) with osKar custom operating system is running on quad-core 1.5 GHz internal processor.



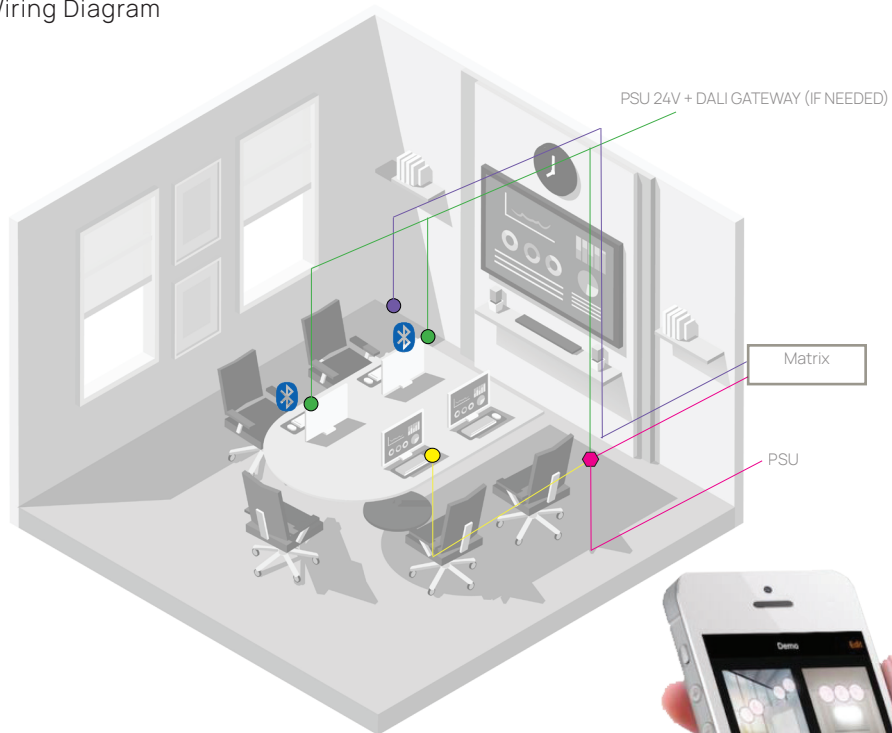
 KA04

The Kommander-KA04 is a fully featured 4x150W@4Ω class-D amplifier with a high-performing DSP, the Integrated Electronic Brain (IEB) with osKar custom operating system is running on quad-core 1.5 GHz internal processor.

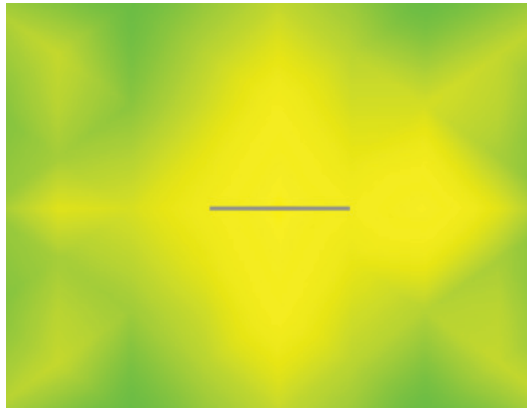


BUNDLE 2 EXAMPLE

Audio & Lighting Wiring Diagram



Audio and Lighting Coverage

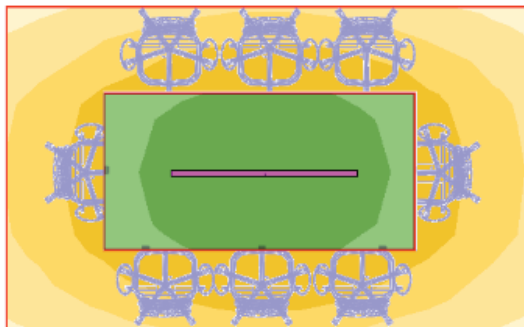


AUDIO RESULTS

Average SPL 72dB ±2

SETTING

Calculation plan 1.2m
 Broadband 100 - 10000
 Full-range preset
 Source height 2.2m



CONFERENCE TABLE

Em 539lx
 Emin 423lx
 Emax 644lx
 Uo 0.79

GENERAL LIGHTING

Em 204lx
 Emin 110lx
 Uo 0.54







BUNDLE 3
Hypothetical room size
8 x 6 m

4 x R120-SY-C-CC-B-AU + KA04 + KTR25
Power LED 60W Direct/Indirect Tunable White
2700K-5000K and mounting accessories for
suspended or ceiling mounting. KA-04 amplifier
and KTR25 subwoofer.

APPLICATIONS

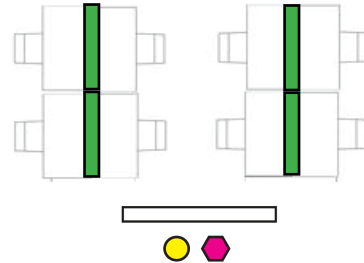
-  Offices and Workplaces
-  Boardrooms and Conference Rooms

Combine with Samsung flip to deliver truly collaborative
meeting room solutions



OPTIC	FINISHES	AUDIO	CODE
Symmetric	●		KR-BUNDLE-3B
Symmetric	○		KR-BUNDLE-3W



Suspended & Ceiling Mounting Options Included



BUNDLE 4
Hypothetical room size
16 x 8 m

8 x R120-SY-C-CC-B-AU + KA04
Power LED 60W Direct/Indirect Tunable White
2700K-5000K and mounting accessories for
suspended or ceiling mounting. KA-04 amplifier.

APPLICATIONS

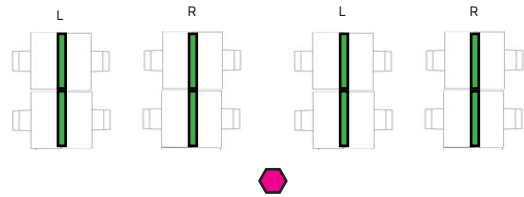
-  Offices and Workplaces
-  Boardrooms and Conference Rooms

Works Perfectly With



OPTIC	FINISHES	AUDIO	CODE
Symmetric	●		KR-BUNDLE-4B
Symmetric	○		KR-BUNDLE-4W

Suspended & Ceiling Mounting Options Included



BUNDLE 5
Hypothetical room size
16 x 12 m


16 x R120-SY-C-CC-B-AU + KA04
Power LED 60W Direct/Indirect Tunable White
2700K-5000K and mounting accessories for suspended
or ceiling mounting. KA-04 amplifier.

APPLICATIONS

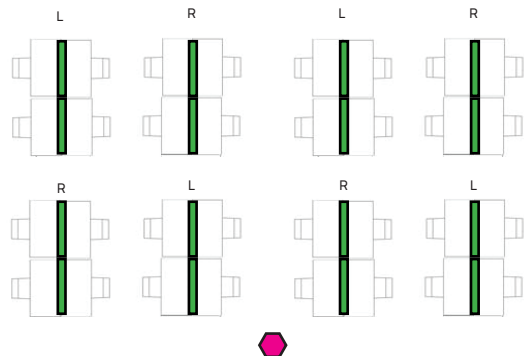
-  Offices and Workplaces
-  Boardrooms and Conference Rooms

Works Perfectly With



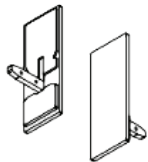
OPTIC	FINISHES	AUDIO	CODE
Symmetric	●		KR-BUNDLE-5B
Symmetric	○		KR-BUNDLE-5W

Suspended & Ceiling Mounting Options Included

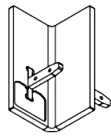




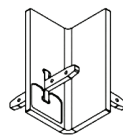
ACCESSORIES



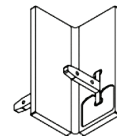
END CAPS
RTB
RTW



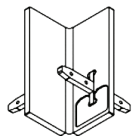
LJOINT RIGHT SIDE
RTLDXB
RTLDXW



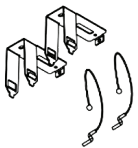
TJOINT RIGHT SIDE
RTTDXB
RTTDXW



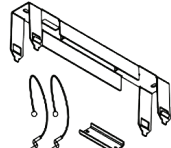
LJOINT LEFT SIDE
RTLSXB
RTLSXW



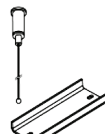
TJOINT LEFT SIDE
RTTSXB
RTTSXW



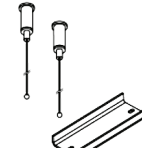
CEILING BRACKET
PLA1-120



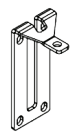
CEILING BRACKET
PLA2-120



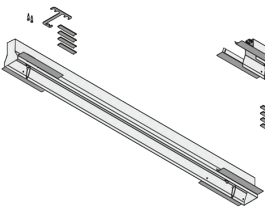
SUSPENSION CABLE
PEN1-120



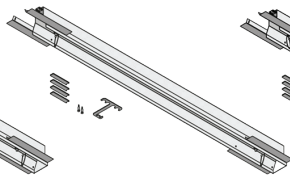
SUSPENSION CABLES
PEN2-120



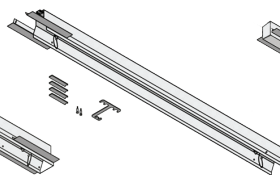
WALL BRACKET
APP-120



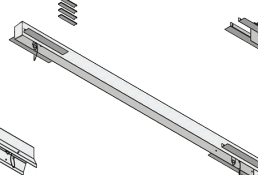
STANDALONE RECESSED
CASING
HS-FL-ST-120-W
HS-FL-ST-120-B



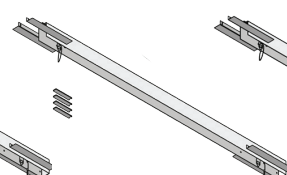
END RECESSED
CASING
HS-FL-ED-120-W
HS-FL-ED-120-B



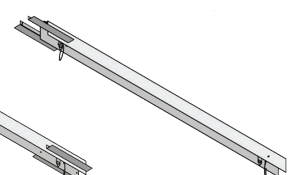
MIDDLE RECESSED
CASING
HS-FL-MI-120-W
HS-FL-MI-120-B



STANDALONE SEMIRECESSED
CASING
HS-SF-ST-120-W
HS-SF-ST-120-B



END SEMIRECESSED
CASING
HS-SF-ED-120-W
HS-SF-ED-120-B



MIDDLE SEMIRECESSED
CASING
HS-SF-MI-120-W
HS-SF-MI-120-B

FINISHES

CODE

●	RTB
○	RTW
●	RTLDXB
○	RTLDXW
●	RTTDXB
○	RTTDXW
●	RTLSXB
○	RTLSXW
●	RTTSXB
○	RTTSXW

FINISHES

CODE

	PLA1-120
	PLA2-120
	PEN1-120
	PEN2-120
○	APP120
●	HS-FL-ST-120-B
○	HS-FL-ST-120-W
●	HS-FL-ED-120-B
○	HS-FL-ED-120-W

FINISHES

CODE

●	HS-FL-MI-120-B
○	HS-FL-MI-120-W
●	HS-SF-ST-120-B
○	HS-SF-ST-120-W
●	HS-SF-ED-120-B
○	HS-SF-ED-120-W
●	HS-SF-MI-120-B
○	HS-FL-MI-120-W

Custom RAL colours are also available

CONTROL YOUR WAY

Complete Audio/Light System Solution Plug n Play



CASAMBI OR DALI READY RAIL

Casambi is a bluetooth mesh based control system. RAIL can now be controlled by this leading technology, the lighting control is simple, user-friendly and has an intuitive user interface is made for everybody – regardless of technical proficiency. It can also be integrated into your smart building automation system.



SCENES

It is possible to control multiple luminaires with one tap to create the perfect ambience for different occasions and needs.



COLOR TEMPERATURE

A user can change the colour temperature at the touch of a button for the luminaire just by sliding the finger on top of a luminaire icon.



ANIMATIONS

Animations are dynamic scenes, where it is possible for the lighting to fade from one scene to another scene.



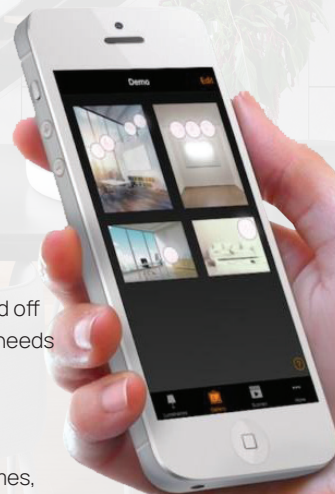
CALENDER & TIMER

With this functionality scenes and animations can be turned on and off based on a convenient time, date or certain weekdays to fit users' needs



CIRCADIC RHYTHM

Casambi units are able to calculate the local sunrise and sunset times, provided that the network's timezone and location are set.



K-ARRAY AUDIO ECOSYSTEM

For a complete experience with RAIL, it's recommended to use the K-ARRAY KOMMANDER series amplifiers and the K-ARRAY RUMBLE or TRUFFLE subwoofer



KOMMANDER KA14 I

Is a fully-featured, 4x600W@2Ω amplifier platform with DSP highly integrated into the K-array collection ecosystem.



KOMMANDER KA18

Is a fully featured, 8x 150W @ 4Ω amplifier platform with DSP highly integrated into the K-array collection ecosystem



KOMMANDER KA28

Is a fully featured, 8x 600W @ 2Ω amplifier platform with DSP highly integrated into the K-array collection ecosystem



TRUFFLE KTR25

The Truffle-KTR25 is the medium model in the compact line of Truffle subwoofers for deeper bass experience. The source subwoofer has a frequency range of 45 Hz to 150 Hz and is comprised of a single 5.25" driver with passive radiators.



RUMBLE KU44 I

The Rumble-KU44 is an extremely compact, arrayable bass element designed to combine with mid-high speakers to provide a full-range frequency response with prodigious output in a virtually invisible profile.



In Partnership With

SAMSUNG



kscape.it