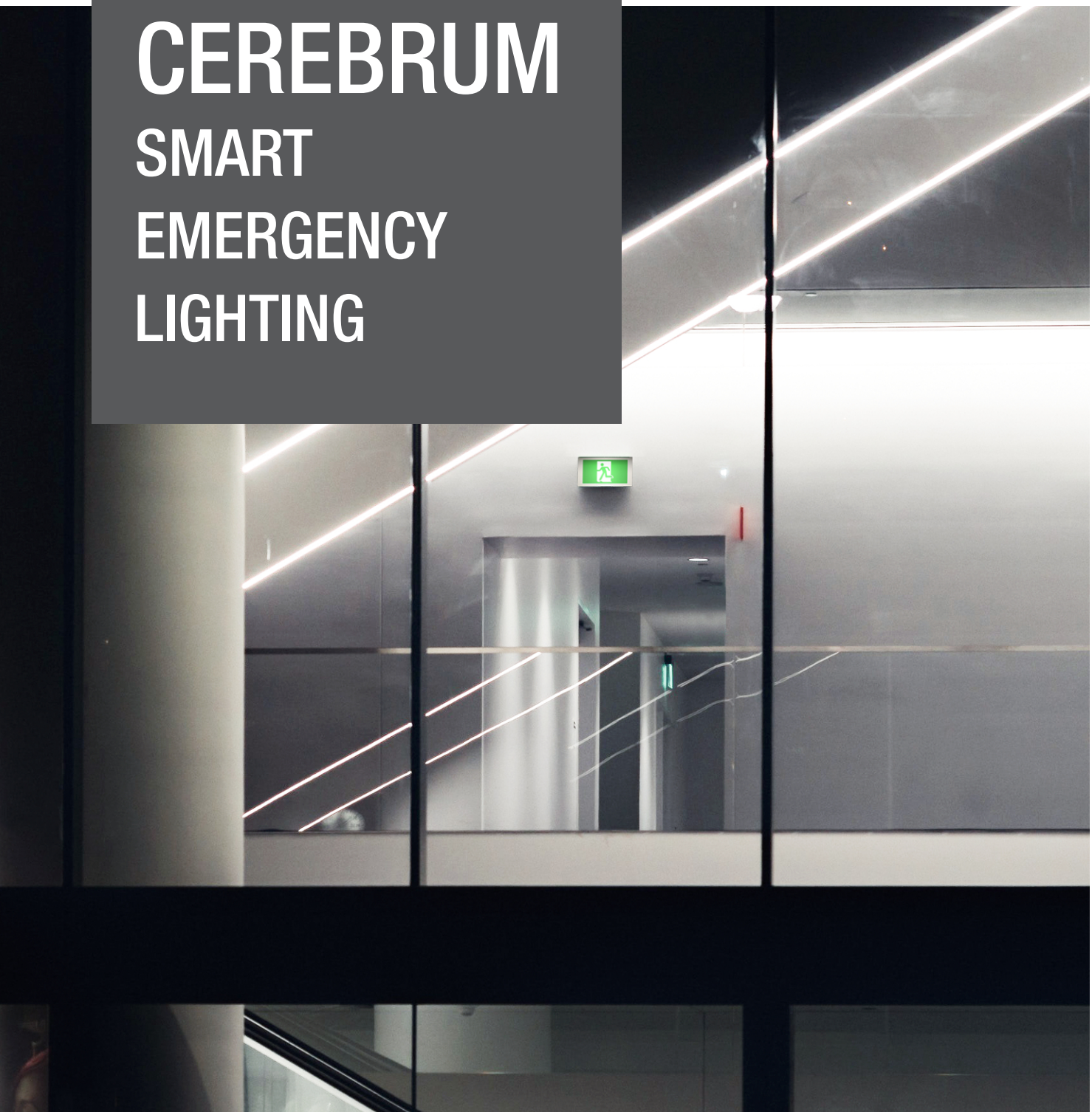
CEREBRUM

SMART EMERGENCY LIGHTING



STANPRO

MODERN SETUP, SMARTER SOLUTION

Reliability is the most important feature of any emergency power source. Without it, all other features and benefits are meaningless. Fortunately, there is now an innovative and reliable solution that greatly simplifies the installation process and considerably reduces the cost of material, labor, monitoring and maintenance : the Cerebrum system. In fact, normally on signs and normally off remotes must operate independently on the building's power in the event of a power failure. It thus requires two different cables just to connect the emergency fixtures. A third wire is even needed if we want to allow communication between the units. It therefore generates important material and labor cost, especially for large and vast building where running thousands of feet of wire is needed. The Cerebrum system is hence the perfect solution to encounter those important costs, because it only needs a single cable instead of 3. It is actually the Cerebrum drivers within the units that will allow determining what will normally be off or normally on in the circuit, as well as permitting the communication between the units and the Cerebrum Software.

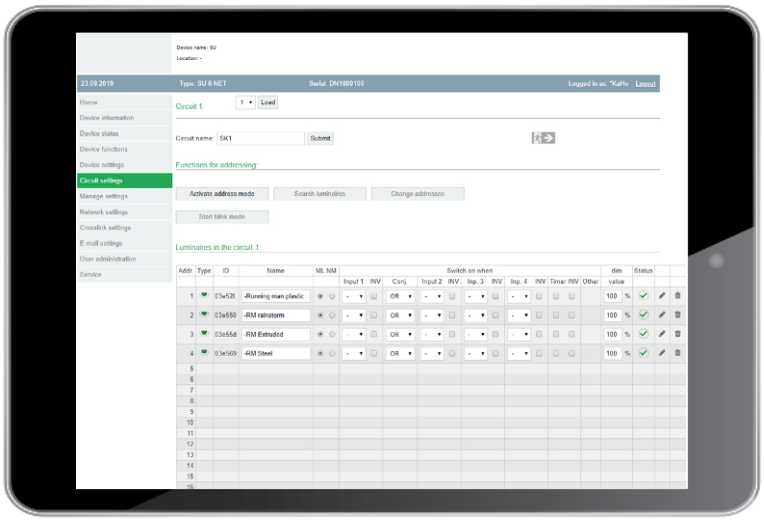
CEREBRUM LAYOUT

Cerebrum system is a compact centralized battery that has 144 W of capacity for 1 hour.
An extra battery pack can be added to increase duration, if needed. It can be split across 6 channels and be related to a maximum of 120 devices. There are 8 compatible products with Cerebrum system : 7 signs and 1 remote.

Since it's a centralized battery, only one point of maintenance and service is required, being again a cost effective solution.

CUSTOMIZATION

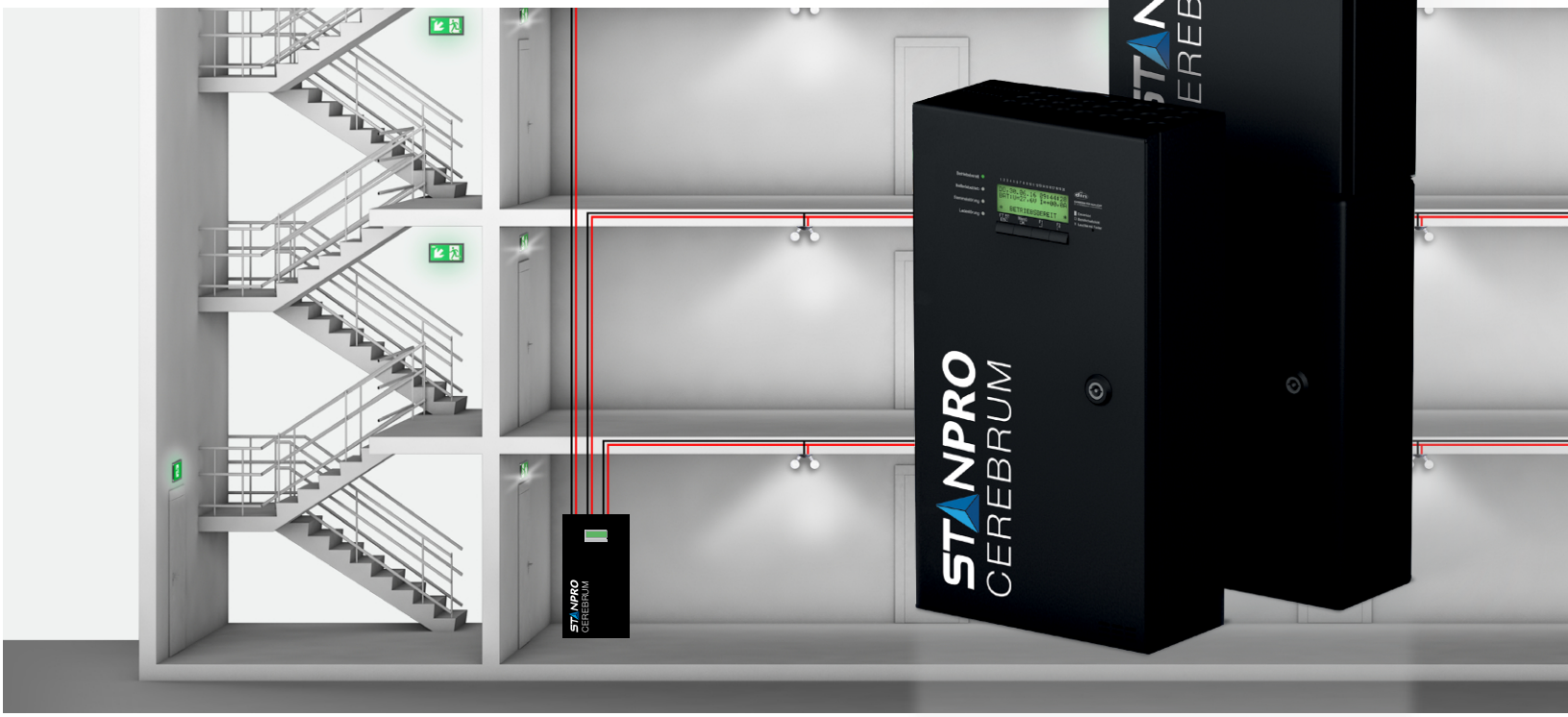
The Cerebrum system is equipped with an automatic search and light coding function. It means the main user can identify every single unit present in a building with a unique name or code. It's therefore easier for maintenance afterwards and avoids laborious coding errors.



> Reliability is the most important feature of any emergency power source. Without it, all other features and benefits are meaningless.

KEY FEATURES

- All-in-one solution handling Normally On, Normally Off and communication with the same pair of wires
- Monitors the emergency lighting system by automatically performing the tests required by the National Fire Code of Canada
- Cerebrum connects to internet via Ethernet cable and can be controlled through the app or web from anywhere in the word
- All Cerebrum systems installed in multiple buildings can be controlled, operated and monitored remotely in the same group using the Cerebrum Web platform
- Maintenance report is created and available on the app or web platform
- Error notification and important information are sent to the predefined user
- Cerebrum is a centralized battery meaning only one point of service is needed



MONITORING & MAINTENANCE

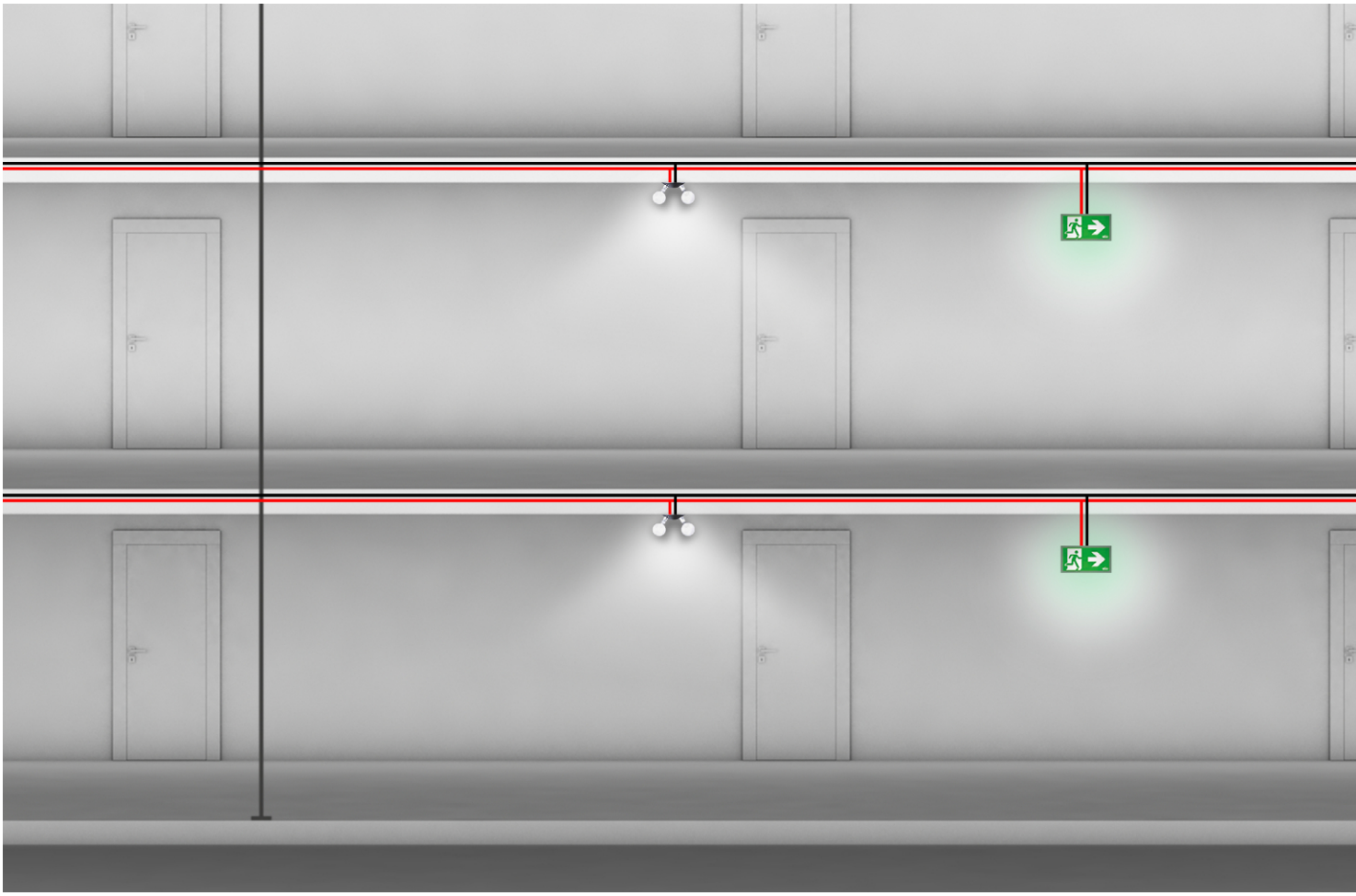
The autotest feature allows testing of your emergency system to the Firecode of Canada's requirements. All tests and changes to the system are logged. Reports are automatically sent via email for effective maintenance. If a lamp is no longer turning on, receive a fast update by email.

For example, if there is a load variation in the system, the Cerebrum software will create a report accessible in the web platform and will send an error message by email to the main user. Since it is possible to identify the units by a unique name the main user will easily know where the defective fixture is located in the building so it can be replaced.

NETWORKING

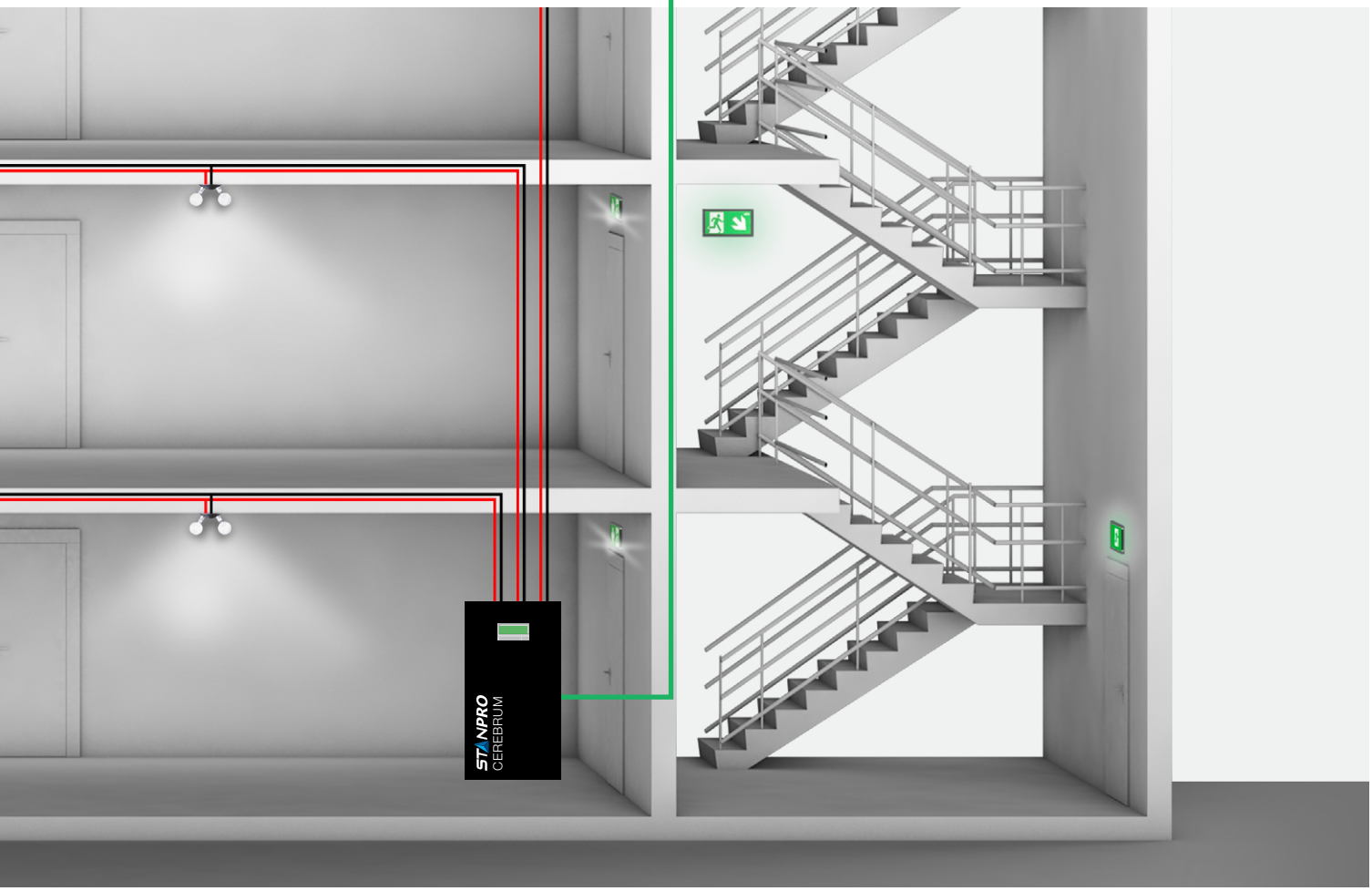
Due to the Cerebrum functionality, all systems in its group can be centrally controlled, operated and serviced. Ultimately, the full potential of the Cerebrum system unfolds with its visualization software. Cerebrum connects to internet via Ethernet cable and can be controlled through the app or web from anywhere in the world.

All the emergency lighting systems of multiple building can thus be visualized in the same network, by a single person and from any location with an internet connection. Information about the status of the systems will be sent by e-mail to the main user.



Same pair of wires for Normally ON signs, Normally OFF remotes and communication

Control the Cerebrum Web platform through the app or web from anywhere in the world



CEREBRUM

SMART EMERGENCY LIGHTING

The CEREBRUM system is an innovative solution to emergency lighting with its advanced features in a simple layout and cost-effective installation. This is an all-in-one solution that handles Normally ON, Normally OFF, and communication with the same pair of wires. CEREBRUM is connected to the internet via an Ethernet cable and can be controlled through the app or web from anywhere in the world. It is thus possible to control more than one unit within a single building, as well as manage multiple buildings remotely from a single access point. Furthermore, only one point of maintenance is needed since it is now possible to daisy-chain your Running Man signs and remote lights back to your centralized CEREBRUM battery unit.The auto-test feature allows testing of your emergency system to the fire code of Canada's requirements. All tests and changes to the system are logged. Reports are automatically sent via email for effective maintenance.

FEATURES AND SPECIFICATIONS

- **Circuitry**
  - 120/277/347 VAC input, field selectable
  - A single 2-wire, low voltage (24V) conductor powers the Running Man signs, remotes, and handles communication
  - Eliminates the need for additional AC conductors (no hydro required), reducing installation costs
  - 24 VDC output
  - 144 W maximum evenly split across 6 inputs (channels) not exceeding 54 W per input (channel)
  - 2 DC terminal blocks per input (channel)
  - Wattage capacity of 144 W maximum for 30 and 60 min emergency power duration standard
  - Up to 390' or 120m wiring distance thanks to a dedicated step-down driver
  - Extra battery pack can be added for more duration
  - Fully automatic, current limited charger
  - High performance battery
  - Programmable auto-test
  - Ethernet port
  - TFT display
  - 4 operations buttons
- **Mechanical**
  - Steel construction
  - Black powder coat finish comes standard
  - 3 keyholes for wall mount
  - 19 knockouts of 20mm for easy wiring
  - Conduit entry knockouts
- **Compatible devices**
  - Signs: RMS, RMXL, RMQ, RMV, RMPS, RMEA, RMR, RMRN
  - Remote: N, SWN, M, S, SMC2W (single or double head), SRC, SRCR (single head)
- **Approvals**
  - Certified CSA to C22.2 #141-15

ICES 005

Intertek

OVERVIEW

Light source	LED
Input voltage (VAC)	120, 277, 347
Wattage capacity (W)	144
Max. channels	6
Max. connected devices	120

For complete warranty details, please see our terms and conditions on our website.

ORDERING GUIDE

Part number	Volts (VDC)	Watts (W)	Light source	Input volts (VAC)	Color
CEREBRUM-6	24	144 (1 hour)	LED	120/277/347	Black

ADD-ON

Part number	Description
CER-6-BATT	Battery pack and cabinet extension for Cerebrum (order separately)

ACCESSORY

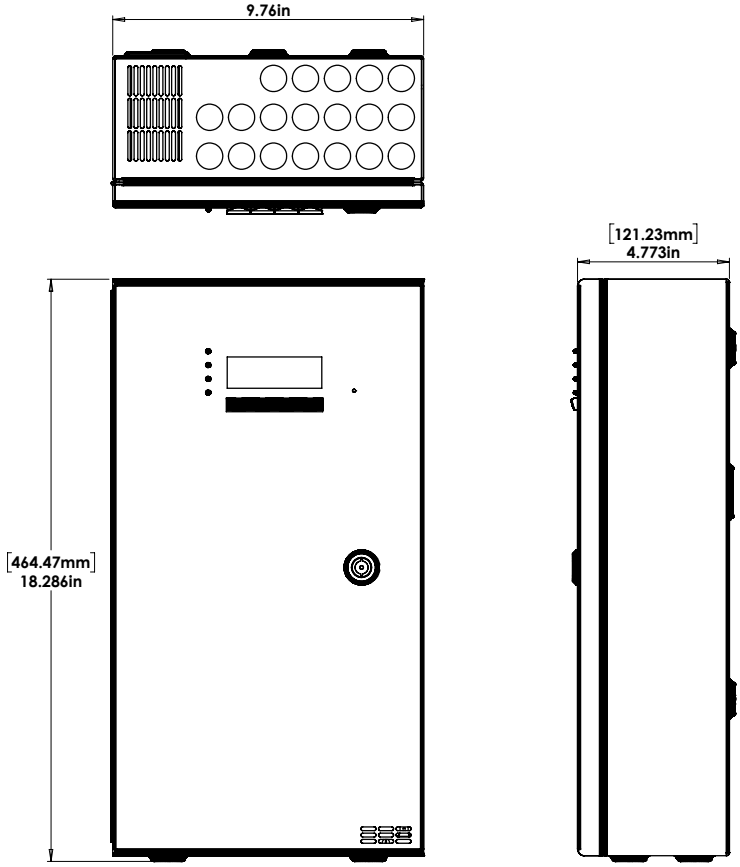
Part number	Type
CER-ZONE6	CEREBRUM ZONE SENSE 6 IN 1 OUT AC GY

MODEL RATINGS[1]

	60 min	120 min	180 min	720 min
CEREBRUM-6	144 W	96 W	60 W	24 W
CEREBRUM-6 + CER-6-BATT[2]	180 W	180 W	180 W	72 W

[1] Consult your representative for more details
[2] Power supply limited to 180 W

DIMENSIONS



RMS

STEEL RUNNING MAN SIGN

Specification grade sign

The clean lines of the RMS series of commercial steel signs present a fully modern appearance. The high quality steel housing eliminates light leaks and provides superior illumination and uniformity. The RMS series offers a wide variety of options.

cerebrum *compatible*

quick *ship*

LED *fixture*

ICES *005*

Energy Verified
Énergie Vérifiée

ORDERING GUIDE

RMS			—		/	

Series	Nbr of faces	Color	DC Volts* (V DC)	Options
RMS	**0 -** Universal faces **1 -** Single face **2 -** Double face	**WH -** White (standard) **BK -** Black **GY -** Grey **SP -** Custom color (please specify)	**UDC -** Universal DC backup voltage from 6 to 24 **IB -** Self-powered for 90 minutes **IB1 -** Self-powered for 120 minutes **CER -** Cerebrum driver	**AT**[1], **BO, K5, PGD, OP, TP, WO, WGD**[2], **LB** **0 -** No indicators (double face only) D U UR DR DL UL **Note:** Indicators option available for single & double option only.

* If AC only is required, select the UDC option and do not connect the DC wires when installing.
[1] AT available with IB and IB.
[2] Specify mounting.

PLEASE REFER TO THE SPECIFICATION SHEET FOR MORE DETAILS

RMV

VANDAL RESISTANT

NBC2015 Compliant

LED *fixture*

ICES *005*

cerebrum *compatible*

Energy Verified
Énergie Vérifiée

The RMV series is designed to withstand extremely abusive environments like correctional facilities and schools. The signs are constructed from 16 gauge steel with an integral Lexan shield. Available in AC only, AC/DC and internally self-powered versions.

RMV				—		/	

Series	Nbr of faces	Mounting	Color	DC Voltage* (V DC)	Options
RMV	**1 -** Single face **2 -** Double face	**CM -** Ceiling mount **WM -**Wall mount **EM -** End mount	**WH -** White (standard) **SP -** Custom color (please specify)	**UDC -** Universal DC backup voltage from 6 to 24 **IB -** Self-powered for 90 minutes **IB1 -** Self-powered for 120 minutes **CER -** Cerebrum driver	**AT**[1], **BO**[2], **HVC, OP, WGD**[3], **WO**[2] **0 -** No indicators (double face only) D U UR DR DL UL **Note:** Indicators option available for single & double option only.

***If AC only is required, select the UDC option and do not connect the DC wires when installing.

[1] T available with IB and IB1.

[2] Available only with OP option.

[3] Specify mounting.

RMEA

EDGELIT

Universal Mounting

The RMEA series of commercial edgelit signs provides interiors with a clean, distinguished appearance. Standard universal surface mount with optional recessed backbox assembly. The RMEA series is available in internally self-powered versions.

cerebrum *compatible*

RMEA			BA	—		/	

Series	Nbr of faces	Mounting	Color	DC Volts (VDC)	Options
RMEA	**0 -** Universal faces **1 -** Single face **2 -** Double face	**Blank -** Universal mount	**BA -** Brushed aluminum[1]	**IB -** Self-powered for 90 minutes[2] **IB1 -** Self-powered for 120 minutes[2] **CER -** Cerebrum driver	**CCWH -** Canopy and endcaps white (for brushed aluminum only) **0 -** No indicators (double face only) D U UR DR DL UL **Note:** Indicators option available for single & double option only.

[1] Black end caps and canopy (standard).
[2] IB & IB1 versions not intended for installation on generators.

RMR

RAINSTORM

NBC2015 compliant
NEMA4X

The RMR series of NEMA4X and EEMAC4X rated weatherproof signs is designed to operate in extreme environments. The fully gasketed housing is suitable for outdoor and wash-down locations. Available in AC only, AC/DC and internally self-powered versions.

LED *fixture*

wet *location*

ICES *005*

cerebrum *compatible*

Energy Verified
Énergie Vérifiée

RMR			GY		—		/	

Series	Nbr of faces	Mounting	Frame color	Face color	DC Volts (V DC)*	Options
RMR	**1 -** Single face **2 -** Double face	**CM -** Ceiling mount **WM -** Wall mount **EM -** End mount **PM -** Pendant mount	**GY -** Grey	**GY -** Grey (standard) **BK -** Black (indoor only)	**UDC -** Universal DC backup voltage 6, 12 and 24 **IB -** Self-powered for 90 minutes **IB1 -** Self-powered for 120 minutes **CER -** Cerebrum driver	**AT**[1], **BO, OP, WGD**[2], **WO** **0 -** No indicators (double face only) D U UR DR DL UL

***If AC only is required, select the UDC option and do not connect the DC wires when installing.
[1] AT available with IB and IB1.
[2] Specify mounting.

RMXL

EXTRUDED ALUMINUM

120/277/347 V AC Input

The clean lines of the RMXL series of commercial extruded aluminum signs present a fully modern appearance. The extruded aluminum provides for a rigid, durable and lightweight sign. Available in AC only, AC/DC and internally self-powered versions.

cerebrum *compatible*

LED *fixture*

ICES *005*

Energy Verified
Énergie Vérifiée

RMXL			—	/	

Series	Nbr of faces	Color	DC Voltage* (V DC)	Options
RMXL	**0 -** Universal face **1 -** Single face **2 -** Double face	**WH -** White (standard) **BK -** Black **GY -** Grey **BA -** Brushed aluminum **SP -** Custom color (please specify)	**UDC -** Universal DC backup voltage from 6 to 24 **IB -** Self-powered for 90 minutes **IB1 -** Self-powered for 120 minutes **CER -** Cerebrum driver	**AT**[1], **BO, K5, OP, PGD**[2], **TP, VS**[2], **WGD**[2], **WO, LB** **0 -** No indicators (double face only) D U UR DR DL UL **Note:** Indicators option available for single & double option only.

***** If AC only is required, select the UDC option and do not connect the DC wires when installing.

[1] AT available with IB and IB1.

[2] Specify mounting.

RMPS

PLASTIC RUNNING MAN

120/277/347 VAC

quick *ship*

cerebrum *compatible*

LED *fixture*

Energy Verified
Énergie Vérifiée

The RMPS series is suitable for property management and institutional applications, and is designed using durable and lightweight high impact thermoplastic. Available in AC only, AC & DC, and self-powered versions.

RMPS		WH	—		/	

Series	Nbr of faces[1] and mounting	Color	DC Output	Options
RMPS	**0 -** Universal **1 -** Single face[1] **2 -** Double face[1]	**WH -** White	**UDC -** Universal DC backup voltage from 6 to 24 VDC **IB -** Self-powered for 90 minutes **IB1 -** Self-powered for 120 minutes **CER -** Cerebrum driver	**WGD -** Wireguard (separate order)[2] **0 -** No indicators (double face only) D U UR DR DL UL

[1] Unit comes standard as universal face. Single face or double face should only be specified when choosing nonstandard fibers.
[2] Specify mounting.

QUICK SHIP: Not all products are Quick Ship. To view our Quick Ship qualified products, please consult our Quick Ship Product Guide at *stanprols.com/quick-ship-product-guide*. Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

RMRN

“NOAH”
WET LOCATION ANTI VANDAL RUNNING MAN
120/277/347 VAC Input

The RMRN series of wet location anti vandal running man is designed to operate in extreme environments. The unit, designed using a polycarbonate housing, maintains its sealed interior with a continuous integral gasket. As well, LED pilot light and test switch are sealed type. Available in AC/DC and internally self-powered versions.

cerebrum *compatible*

LED *fixture*

IP 66

ICES *005*

IK10

Energy Verified
Énergie Vérifiée

SANITATION
NSF/ANSI 2

RMRN ____ ____ ____ — ____ / ____

Série	Qté de faces	Montage	Couleur	Volts CC (VCC)	Options
RMRN	**1 -** Face simple **2 -** Face double	**Blank -** Universel	**BK -** Noir **WH -** Blanc	**UDC -** Tension de secours universelle CC de 6 à 24 **IB -** Alimentation propre 90 minutes **IB1 -** Alimentation propre 120 minutes **CER -** Pilote Cerebrum	**AT** [1] **-** Autotest standard **CW** [2] **-** Température de -20°C à +40°C **0 -** Sans indicateurs (double face seulement) D U UR DR DL UL

[1] Disponible avec IB et IB1 seulement. Obligatoire avec IB et IB1
[2] Disponible avec IB seulement.

SWN

“NOAH” WET LOCATION ANTI VANDAL REMOTE

Single or double

cerebrum *compatible*

LED *fixture*

IP 66

ICES *005*

IK10

SANITATION NSF/ANSI 2

The SWN series of wet location anti vandal remotes is designed to perform in extreme environments. The single or double lamp assemblies are completely protected from the elements within a fully gasketed polycarbonate housing.

SWN — | | | | | |

Series	Nbr of heads	Volts (VDC operational)	Watts (W)	Lamp type	Color
SWN	**1 -** Single head **2 -** Double head	**06-24 -** 6VDC to 24VDC operational	**4W -** 4 watts	**LR -** LED	**BK -** Black **WH -** White
				LA - LED	
		12-24 - 12VDC to 24VDC operational	**6W -** 6 watts **7W -** 7 watts	**LA -** LED	
	1 - Single head	**CER -** Cerebrum driver	**5W -** 5 watts	**LA -** LED	
	2 - Double head	**CER -** Cerebrum driver	**2.5W -** 2.5 watts **5W -** 5 watts		

PLEASE REFER TO THE SPECIFICATION SHEET FOR MORE DETAILS

N

PAR18/MR16 MINI REMOTE

Plastic Construction
Single, Double

cerebrum *compatible*

quick *ship*

LED *fixture*

ICES *005*

The N series of commercial thermoplastic PAR18/MR16 remotes provides the perfect balance of value and performance. The heads are fully adjustable and both tilt and swivel are lockable. The standard canopy is designed to mount directly to typical electrical junction boxes.

N		—					/	

Series	Nbr of heads	Volts (V DC operational)	Watts (W)	Lamp type	Color	Options
N	**1 -** Single head **2 -** Double head **3 -** Triple head **4 -** Quad head (requires 12" dia. canopy)	**06-12V -** 6 to 12	**3W -** 3	**LJ -** LED	**WH -** White (standard) **BK -** Black	**LCP, TP, WGD**
			4W - 4			
			5W - 5			
		12-24V - 12 to 24	**6W -** 6	**LA -** LED		
			7W - 7			
		24V - 24	**4W -** 4	**LR -** LED		
			5W - 5	**LA -** LED		
	1 - Single Head	**CER -** Cerebrum driver	**5W -** 5	**LJ -** LED		
	2 - Double Head	**CER -** Cerebrum driver	**2.5W -** 2.5			
			5W - 5			

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
All products are subject to change or may be discontinued any time without notice.

PLEASE REFER TO THE SPECIFICATION SHEET FOR MORE DETAILS

M

DECORATIVE REMOTE

MR16 Surface Mount
Single, Double

cerebrum *compatible*

ICES *005*

The M series of commercial MR16 remotes provides exceptional light output in a compact, traditional design. The die cast, all metal housing is fully adjustable with a friction lock tilt and swivel that can be locked in place with a rear mounted set screw. The canopy is designed to mount directly to typical electrical junction boxes.

M		—					/	

Series	Nbr of heads	Volts (VDC operational)	Watts (W)	Lamp type	Color	Options
M	**1 -** Single head	**06-24V -** 6 to 24	**4W -** 4 watts	**LR -** LED	**WH -** White (standard)	**LCP -** Less Canopy
	2 - Double head		**5W -** 5 watts	**LA -** LED	**BK -** Black	**TP -** Tamper Proof Screws
	3 - Triple head	**12-24V -** 12 to 24	**6W -** 6 watts	**LA -** LED		**WG -** Wireguard (order separately)
	4 - Quad head (require 12" dia. canopy)		**7W -** 7 watts			**PG -** Lexan Guard (seperate order)
	1 - Single head	**CER -** Cerebrum driver	**5W -** 5 watts	**LA -** LED		
	2 - Double head	**CER -** Cerebrum driver	**2.5W -** 2.5 watts **5W -** 5 watts			

S

DIE CAST SOLID METAL COMPACT

Surface Mount Remote

cerebrum *compatible*

quick *ship*

ICES *005*

The S series of commercial MR16 remotes provides exceptional light output in a compact, traditional design. The die cast, all metal housing is fully adjustable with a friction lock tilt and swivel that can be locked in place with a rear mounted set screw. The canopy is designed to mount directly to typical electrical junction boxes.

S — /

Series	Nbr of heads	Volts (VDC operational)	Watts (W)	Lamp type	Color	Options
S	**1 -** Single head	**06-24V -** 6 to 24	**4W -** 4 watts	**LR -** LED	**WH -** White (standard)	**LCP -** Less Canopy[1]
	2 - Double head		**5W -** 5 watts	**LA -** LED	**BK -** Black	**TP -** Tamper Proof Screws
	3 - Triple head	**12-24V -** 12 to 24	**6W -** 6 watts	**LA -** LED		**WG -** Wireguard (order separately)
	4 - Quad head (require 12" dia. canopy)		**7W -** 7 watts			**PGD -** Polycarb Guard
	1 - Single head	**CER -** Cerebrum driver	**5W -** 5 watts	**LA -** LED		
	2 - Double head	**CER -** Cerebrum driver	**2.5W -** 2.5 watts **5W -** 5 watts			

[1] LCP option only available with Single head

SRC

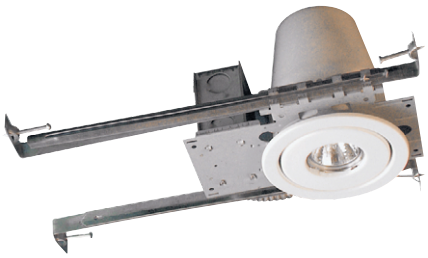
RECESSED REMOTE

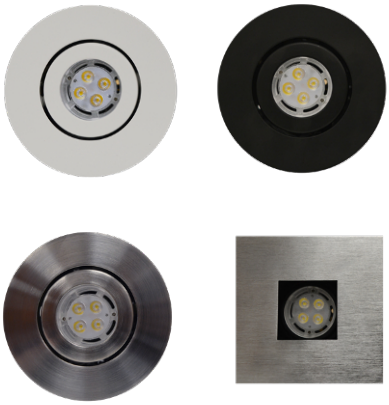
MR16 Recessed Ceiling
Adjustable Gimbal

cerebrum *compatible*

ICES *005*

The SRC series of commercial recessed MR16 remotes has been designed to blend seamlessly into modern decors. The backbox can be mounted in a variety of ways above suspended or drywall ceilings, leaving only the lamp and compact trim plate visible. Trimplates snap into the housing and come in a variety of colors and finishes.





SRC	1	—				

Series	Number of heads	Volts (VDC operational)	Watts (W)	Type	Color	Option
SRC - Construction model	**1 -** Single head	**06-24V -** 6 to 24	**4 -** 4 watts	**LR -** LED	**WH -** White (standard)	**SQ -** Square trim[1]
			5 - 5 watts	**LA -** LED	**BK -** Black	
		12-24V - 12 to 24	**6 -** 6 watts	**LA -** LED	**SC -** Satin chrome	
			7 - 7 watts		**SP -** Custom color (specify)	
	1 - Single head	**CER -** Cerebrum driver	**5 -** 5 watts	**LA -** LED		

[1] For Black square trim, contact your rep for availability

SRCR

RECESSED REMOTE

MR16 Recessed Ceiling
Adjustable Gimbal

cerebrum *compatible*

ICES *005*

The SRC series of commercial recessed MR16 remotes has been designed to blend seamlessly into modern decors. The backbox can be mounted in a variety of ways above suspended or drywall ceilings, leaving only the lamp and compact trim plate visible. Trimplates snap into the housing and come in a variety of colors and finishes.

SRCR	1	—				/	

Series	Number of heads	Volts (VDC operational)	Watts (W)	Type	Color	Options
SRCR - Remodeler model	**1 -** Single head	**06-24V -** 6 to 24	**4W -** 4 watts	**LR -** LED	**WH -** White (standard)	**SQ -** Square trim[1]
			5W - 5 watts	**LA -** LED	**BK -** Black	
		12-24V - 12 to 24	**6W -** 6 watts	**LA -** LED	**SC -** Satin chrome	
			7W - 7 watts		**SP -** Custom color (specify)	
	1 - Single head	**CER -** Cerebrum driver	**5W -** 5 watts	**LA -** LED		

[1] For Black square trim, contact your rep for availability

SMC2W

VANDAL REMOTE

Double Lexan Cube

cerebrum *compatible*

ICES *005*

The SMC2W series of vandal resistant remotes provides reliable emergency lighting in applications typically prone to abuse and tampering. The lamp assemblies are completely shielded within a pair of heavy-duty, single piece, molded Lexan cubes. Each cube can house a single or double assembly. The durable, all steel cabinet utilizes a wrap-around cover plate for added protection and strength.

SMC2W		—			/	

Series	Nbr of heads	Volts (VDC operational)	Watts (W)	Lamp type	Color	Options
SMC2W	**1 -** 1 lamp per head (2 lamps)	**06-24V -** 6 to 24	**4W -** 4 watts	**LR -** LED	**WH -** White (standard)	**TP -** Tamper Proof Screws
			5W - 5 watts	**LA -** LED	**BK -** Black	**WGD -** Wireguard (order separately)
	2 - 2 lamps per head (4 lamps)	**12-24V -** 12 to 24	**6W -** 6 watts **7W -** 7 watts	**LA -** LED		
	1 - 1 lamp per head (2 lamps)	**CER -** Cerebrum driver	**5W -** 5 watts	**LA -** LED		
	2 - 2 lamps per head (4 lamps)	**CER -** Cerebrum driver	**2.5 W -** 2.5 watts **5W -** 5 watts			

PLEASE REFER TO THE SPECIFICATION SHEET FOR MORE DETAILS

NOTES

NOTES

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Data is based upon tests performed in a controlled environment.
Actual performance can vary depending on operating conditions.
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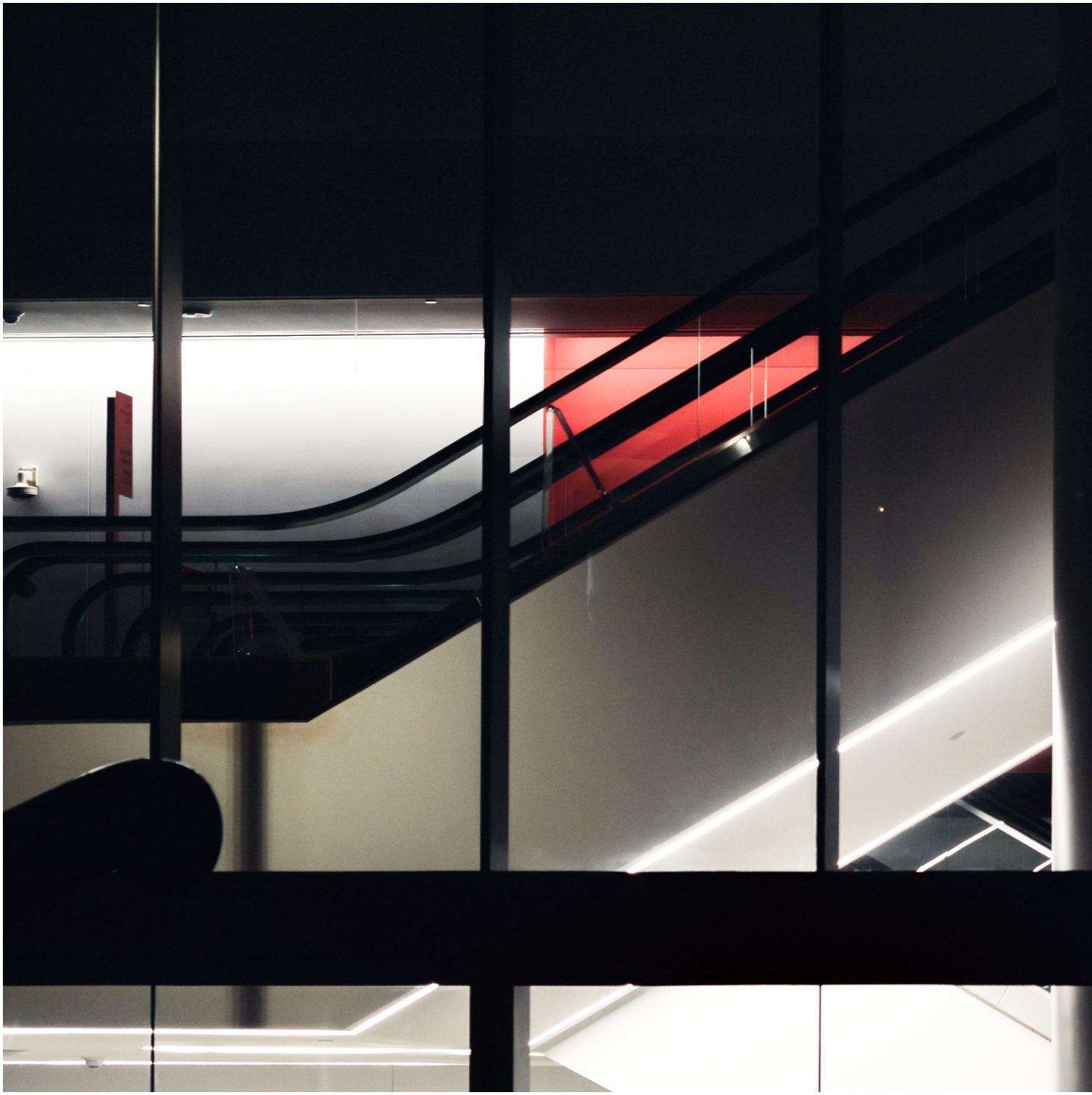
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