

LINEAR^{DX}



DAISALUX^{DX} Emergency
lighting



Emergency
lighting

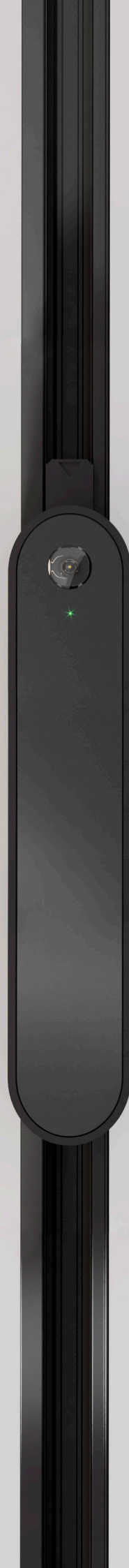
LINEAR	04
Design	06
Features	14
Installation	18
Applications	22
References	28
DX Lights	32

Pure harmony.
Natural integration.



LINEAR

DESIGN
LINEAR



Engineered for the track

Engineered for the track:
an emergency luminaire
purpose-built for ultimate
electrified track integration.

Perfectly aligned

Never protruding, never breaking the visual
flow. It's simply part of the profile.

Compact footprint

173x34x61 mm

Concealed adapter

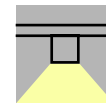
Housed inside the rail, this design merges
the profile and luminaire into a single piece.

Proprietary flat lens

Designed to sit flush with the surface,
never protruding.



LINEAR is pure harmony



Versatility for any setting

Available in a range of colour combinations to blend effortlessly with any space.

Perfect harmony

Its aluminium housing melds seamlessly with the track's metal profile, and its gently rounded edges speak the same design language as today's technical luminaires.

Discreet panel

The compact current limiting panel minimises visual impact.



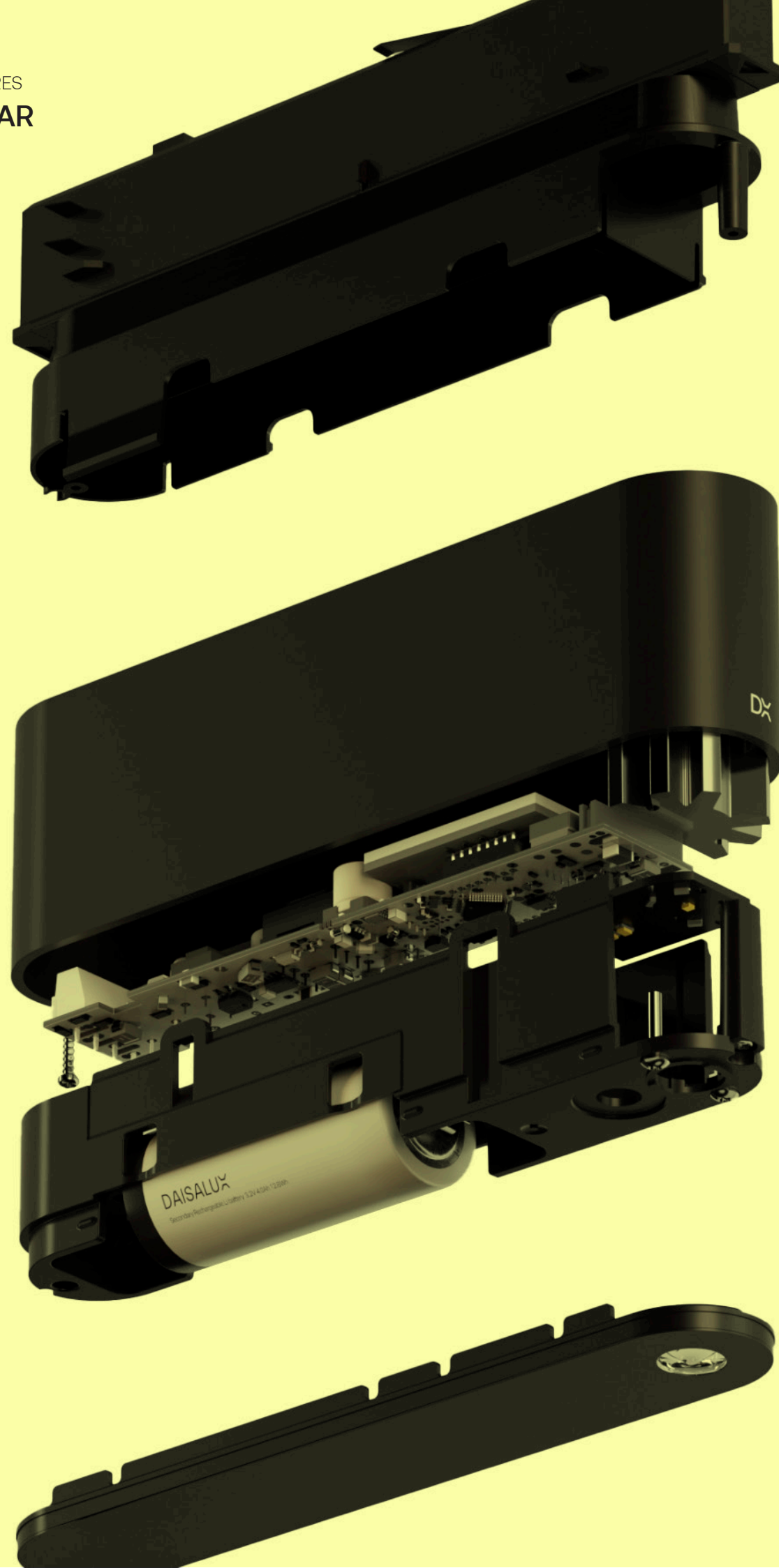
Colour combinations.



Neck
Body
Bottom Cover

DESIGN
LINEAR





A high-performance luminaire

LED
L70

Heat sink

A high conductivity, high convection dissipation system keeps the LED at the right temperature, preventing thermal stress.

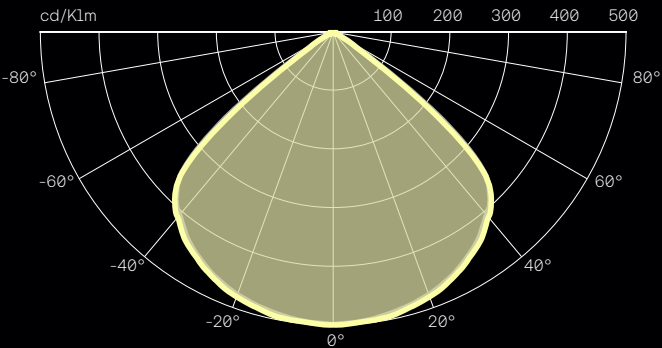
Estimated LED life: 70,000 h (L90/B10)

LINEAR's low power draw and top tier efficiency push service life well beyond industry norms.

FEATURES

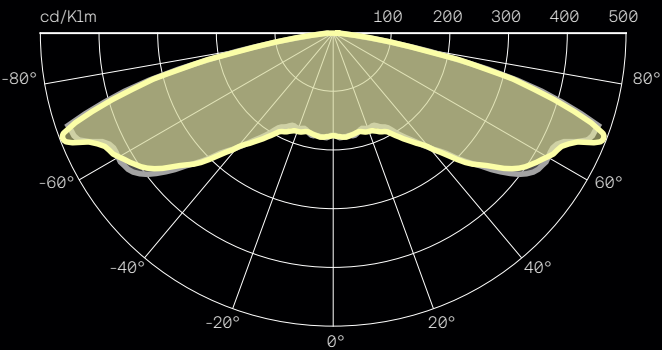
LINEAR

220-400 lm / 10,8 lx

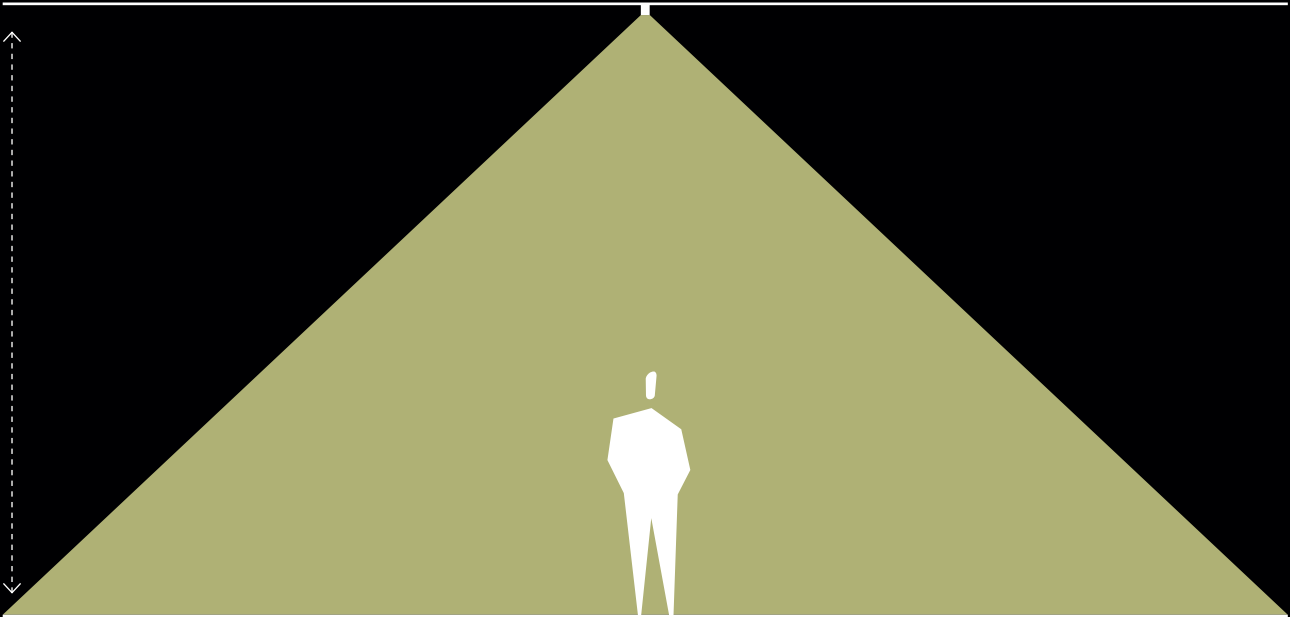
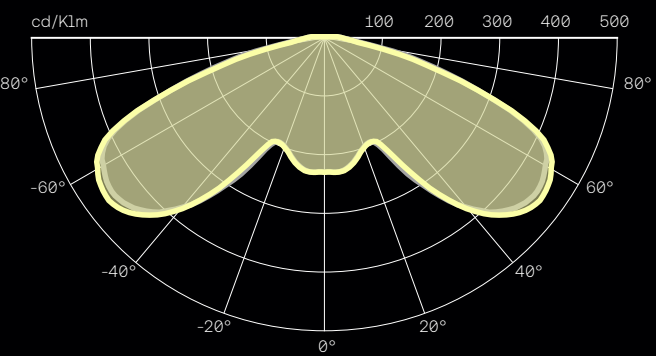


2,2-5 m 220 lm / 1 lx
4-7 m 400 lm / 1 lx
2,2-5 m 220-400 lm / 10,8 lx

220 lm / 1 lx



400 lm / 1 lx



OPTIMISED PHOTOMETRIC CURVES

Proprietary 12 mm lenses with purpose-designed refractive zones deliver optimized photometric curves.

1 LX AND 10.8 LX OPTICS

220 and 400 lumen versions can be fitted with 1 lx or 10.8 lx lenses.

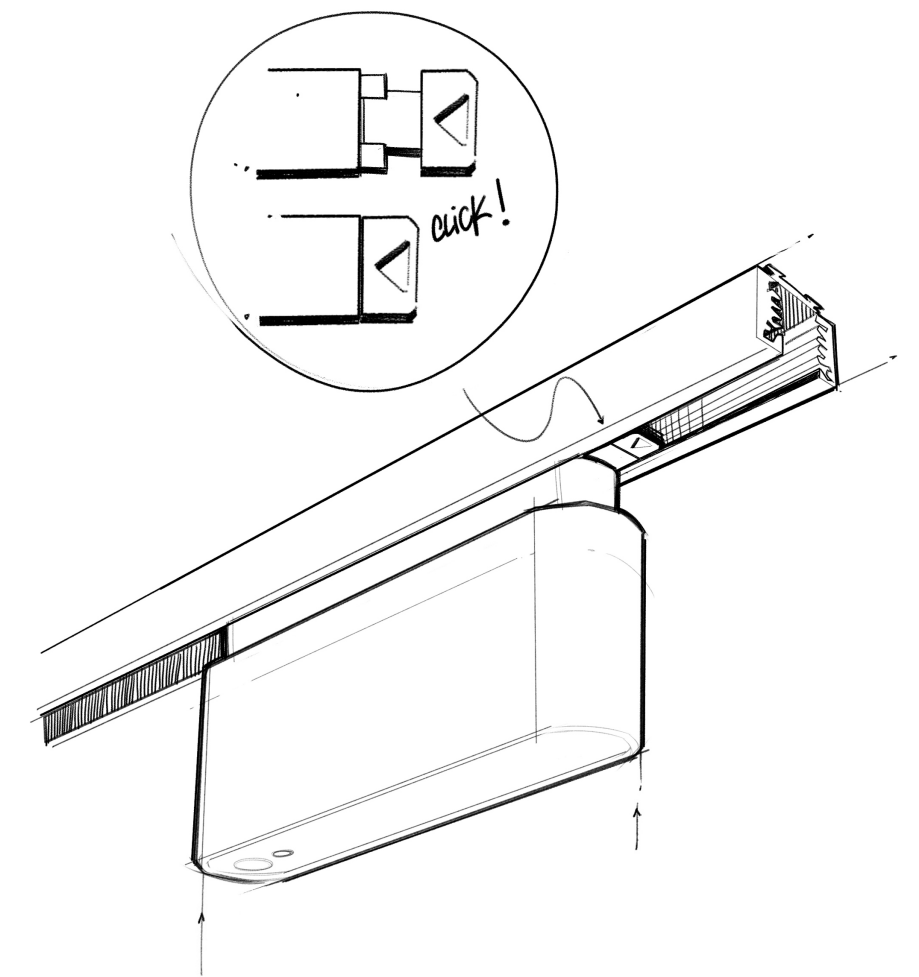
WIDER SPACING, UNIFORM RESULTS

DAISA lighting design software lets you increase luminaire spacing while maintaining even coverage.

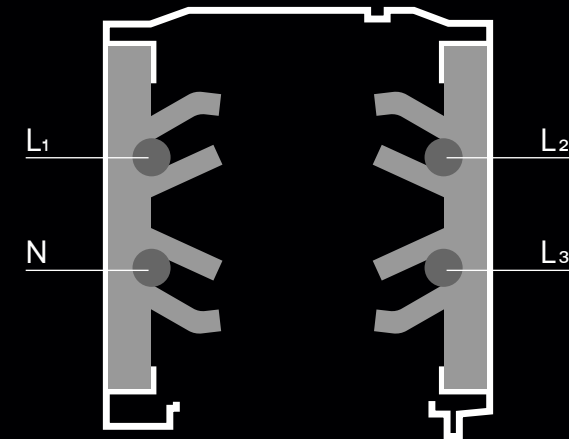
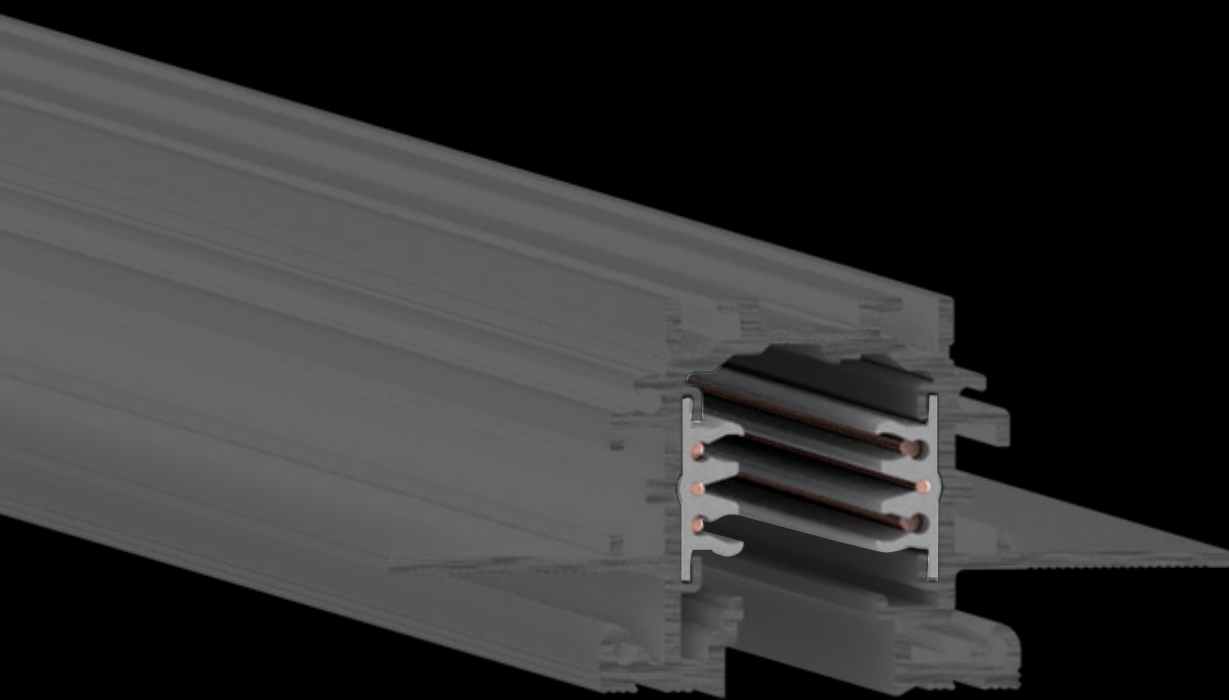


Plug&Play

A true turnkey solution:
simply slot it into the rail
and select the circuit.

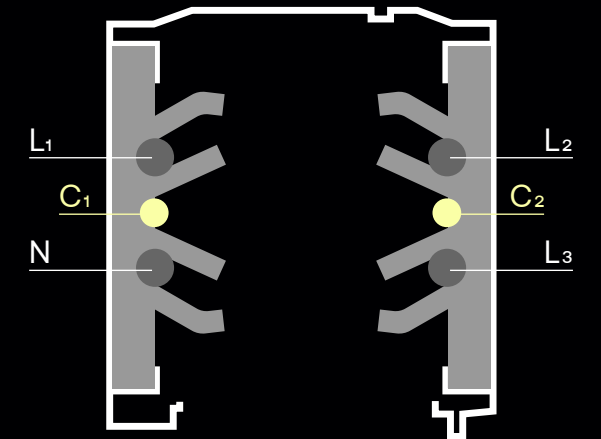


Three phase electrified rails



UNIVERSAL THREE-PHASE
RAIL

Reserve one of the three conductors
exclusively for emergency lighting.

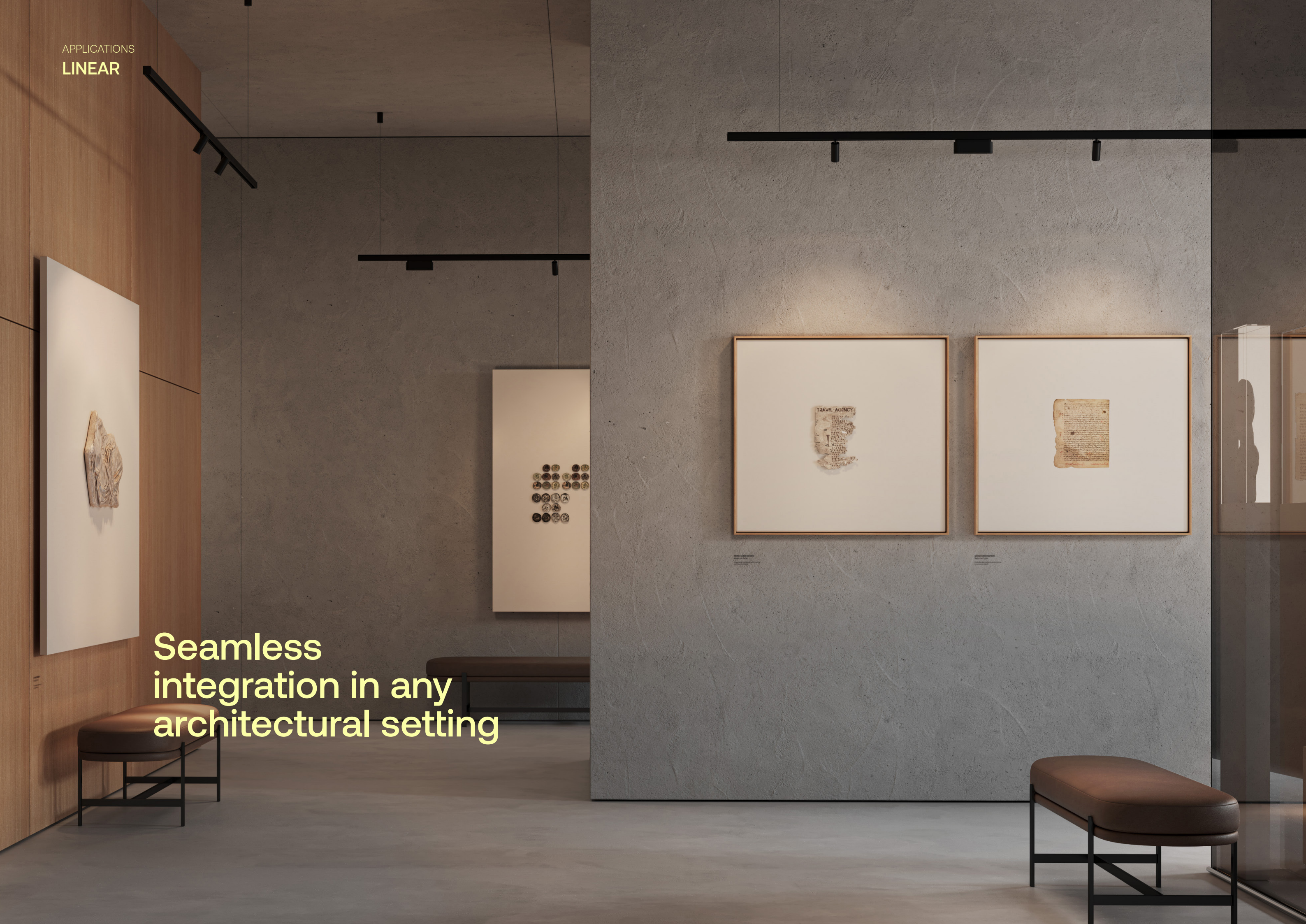


UNIVERSAL THREE-PHASE
RAIL WITH DATA BUS

Reserving a phase (L1, L2, L3) for
emergency lighting is not mandatory; local
regulations will dictate the requirement.

APPLICATIONS
LINEAR

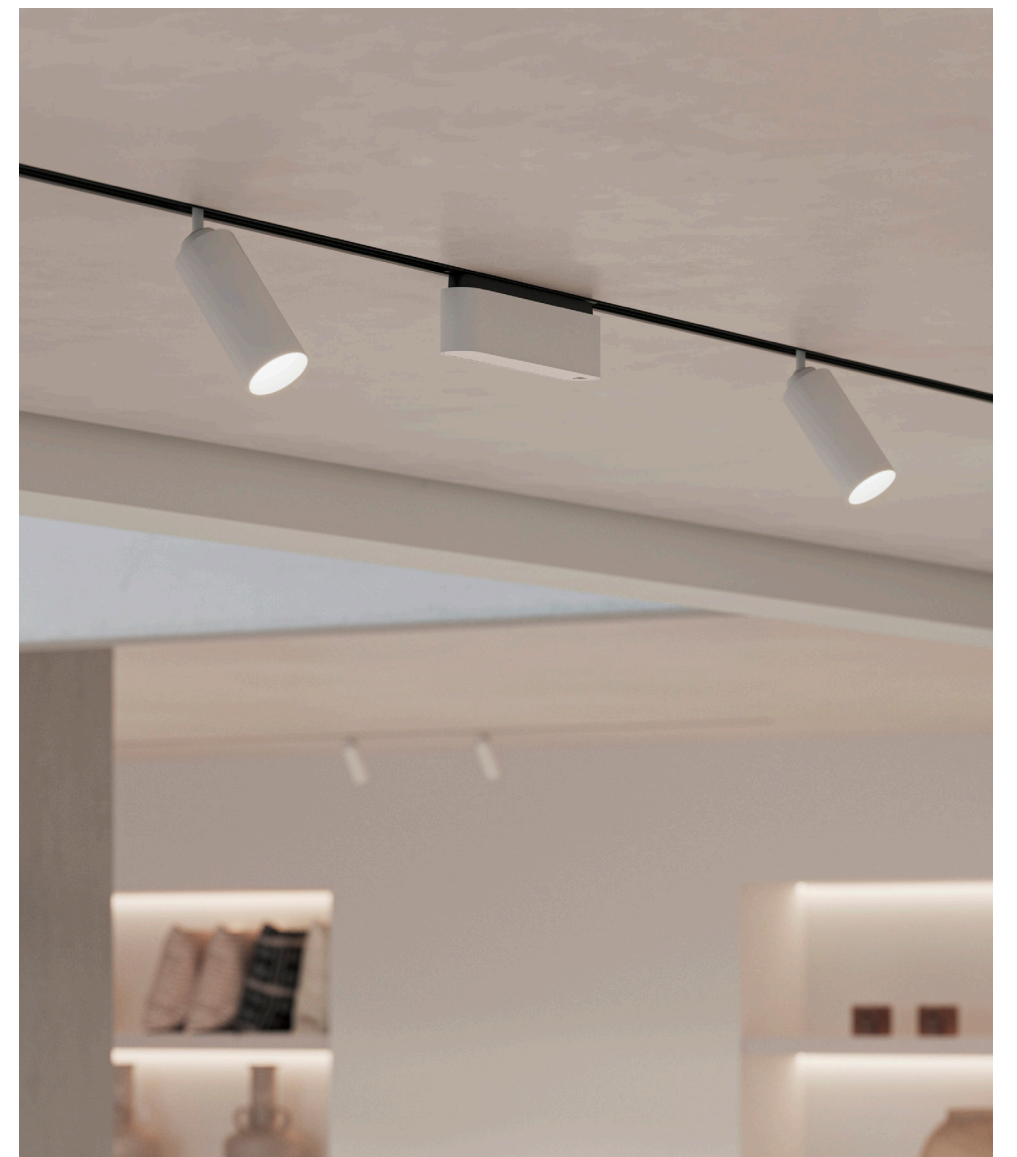
Seamless
integration in any
architectural setting



Surface mounted rail (ceiling)



APPLICATIONS
LINEAR



Recessed rail (ceiling)

APPLICATIONS
LINEAR



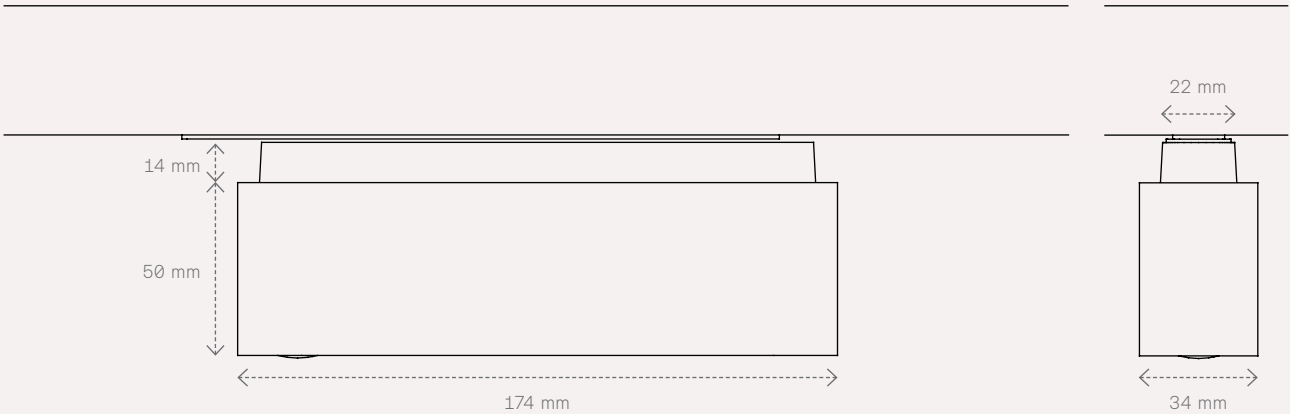
Suspended rail (ceiling)



LINEAR

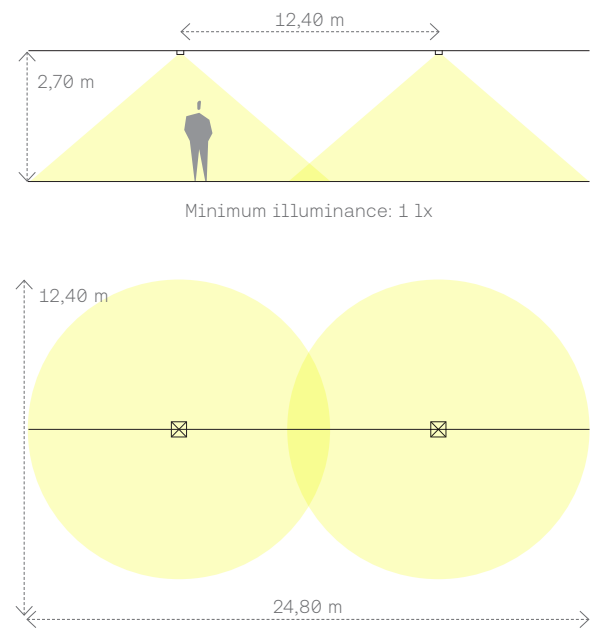


Dimensions

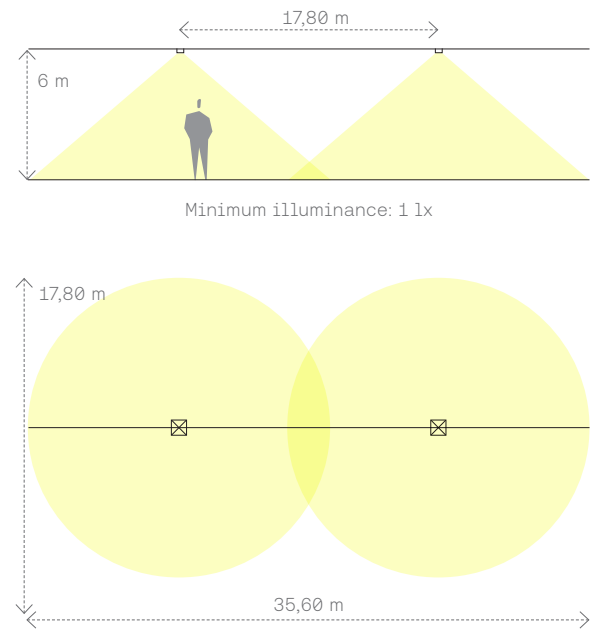


LINEAR

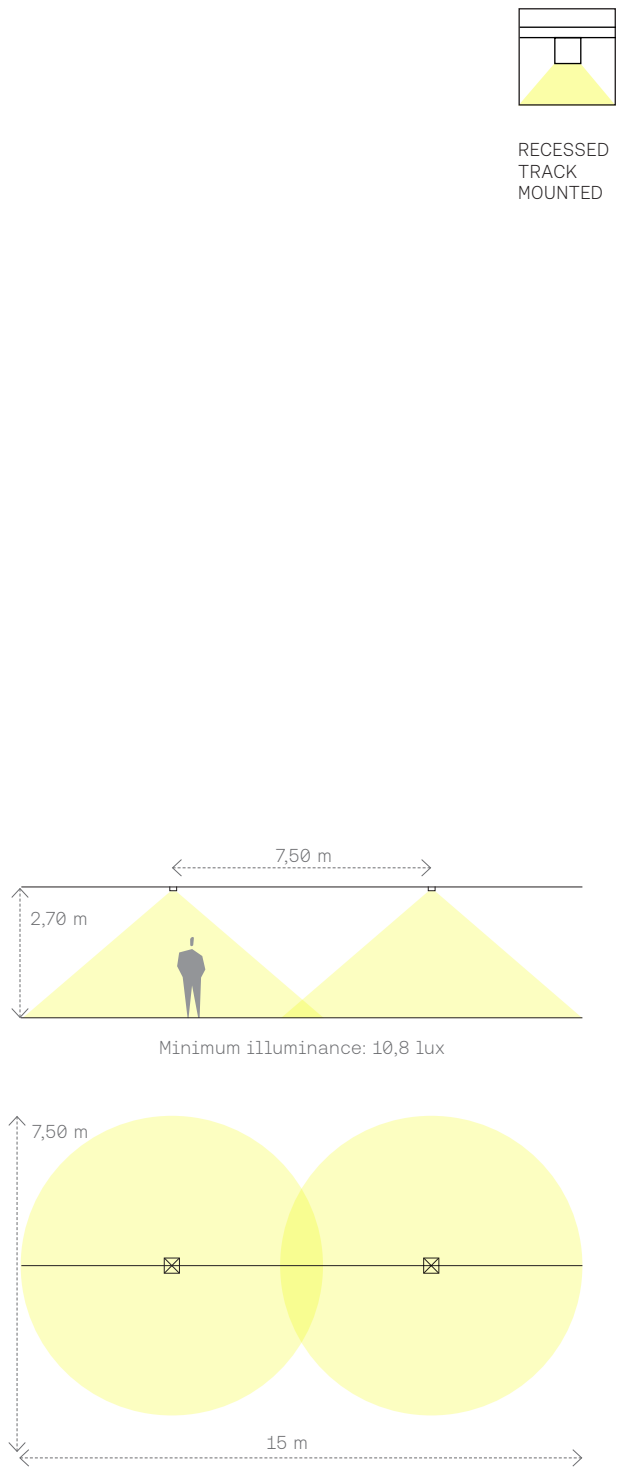
Mounting Dimensions



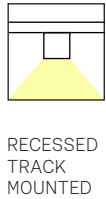
Spacing guidelines shown for 220 lumen models



Spacing guidelines shown for 400 lumen models



Spacing guidelines shown for 400 lumen models



LINEAR

LINEAR A / LINEAR DALI

Includes microprocessor for Self-test mode operation (A) or connection with DALI central (DALI).

Fill out the reference with

A

, or

DALI

 depending on the model. Example of order: LINEAR N30 A / LINEAR N30 DALI.

Non-maintained models(1)	Installation height (m)	Duration	Battery	Lumens		lx	Light source
LINEAR N30	2,2 to 5	1 h	LiFePO ₄	220		1 lx	MHB _{LED}
LINEAR N8	4 to 7	1 h	LiFePO ₄	400		1 lx	MHB _{LED}
LINEAR 1,5N8	3 to 5	1,5 h	LiFePO ₄	400		10,8 lx	MHB _{LED}
LINEAR 1,5N6	2,2 to 3	1,5h	LiFePO ₄	220		10,8 lx	MHB _{LED}
LINEAR 2N30	2,2 to 5	2 h	LiFePO ₄	220		1 lx	MHB _{LED}
LINEAR 3N30	2,2 to 5	3 h	LiFePO ₄	220		1 lx	MHB _{LED}
				Emer.	Lum.		
LINEAR P30	2,2 to 5	1 h	LiFePO ₄	220	110	1 lx	MHB _{LED}
LINEAR P8	4 to 7	1 h	LiFePO ₄	400	110	1 lx	MHB _{LED}
LINEAR 1,5P8	3 to 5	1,5 h	LiFePO ₄	400	110	10,8 lx	MHB _{LED}
LINEAR 1,5P6	2,2 to 3	1,5 h	LiFePO ₄	220	110	10,8 lx	MHB _{LED}
LINEAR 2P30	2,2 to 5	2 h	LiFePO ₄	220	110	1 lx	MHB _{LED}
LINEAR 3P30	2,2 to 5	3 h	LiFePO ₄	220	110	1 lx	MHB _{LED}

Operation, shared data and notes:

(1) Not available in TCA references, if required, please contact Daisalux.

LINEAR

Finishes

Colour (2)		Marking
White (as standard)		(B)
Black The luminous flux is reduced by 10%		(N)
Black-White-Black (Black Neck and Adapter, White Body, Black Bottom Cover)		(NBN)
Black-White-White (Black Neck and Adapter, White Body, White Bottom Cover)		(NBB)
LED Colour		Marking
Cool white (as standard)		--
Warm white The luminous flux is reduced by 20%. Only Maintained models.		(WW)
Power supply		Marking
220-230V 50/60 Hz		--
110-127V 50/60 Hz		(110-127V)
277V 50/60 Hz (only non-maintained models)		

Protection rating:

IP20 IK04

Operation, shared data and notes:

(2) For alternative color combinations, please contact Daisalux.

A name that reaches beyond the horizon

The name LINEAR has a dual inspiration. On the one hand, it pays tribute to Lincoln Near-Earth Asteroid Research (LINEAR), the NASA programme for finding and charting potential asteroid threats to Earth.

On the other, it references the product's perfect linear alignment with the track.

In this article, we tell you the story behind LINEAR.



With the same finesse as the stars that guide us in the night sky, Daisalux invests all its engineering, technology and design capabilities into illuminating pathways in architectural spaces.

When light is a priority.

All the models appearing in this Brand Book have been created and patented by Daisalux, S.A.U., for its exclusive use. Daisalux reserves the right to modify the information in this document without prior notice.

© Daisalux, S.A.U.
All rights reserved
Ed. 09/25/V01

DAISALUX

DAISALUX, S.A.U.
Polígono Industrial Júndiz
C/Ibarredi 4, 01015 Vitoria-Gasteiz
(Spain)
(+34) 945 290 181
info@daisalux.com
daisalux.com





When light is a priority