

Plato

MULTILINE
bright with light



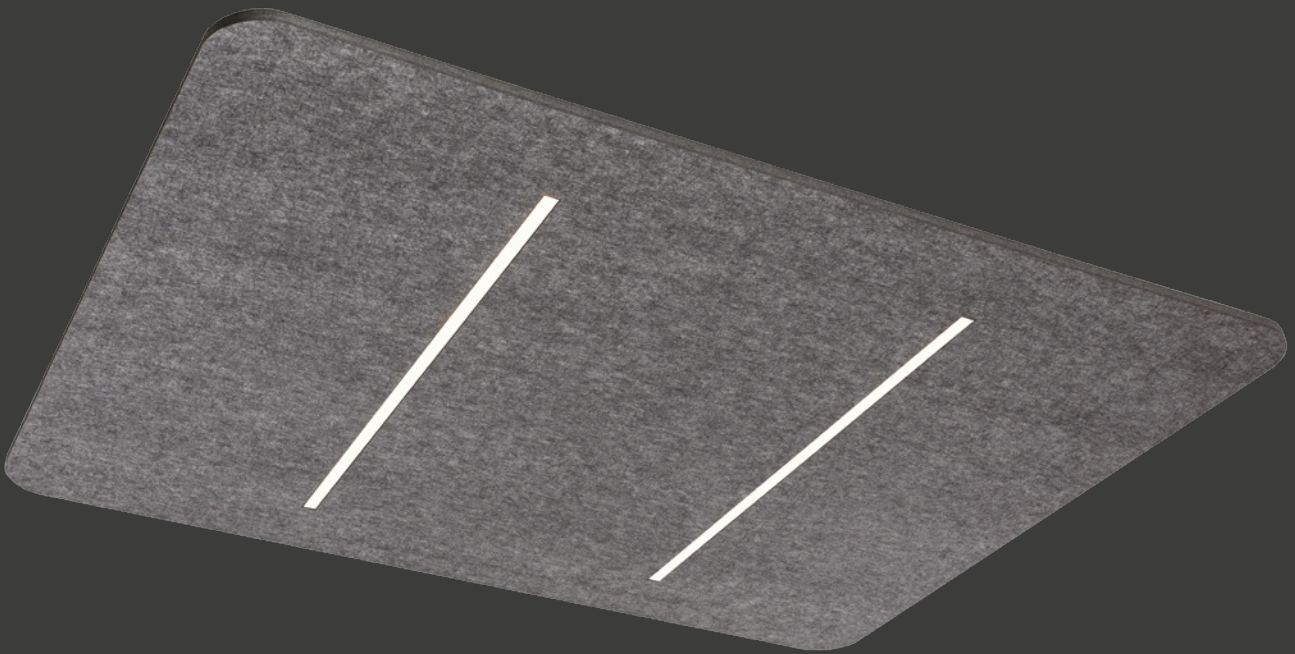
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ACOUSTIC SYSTEMS

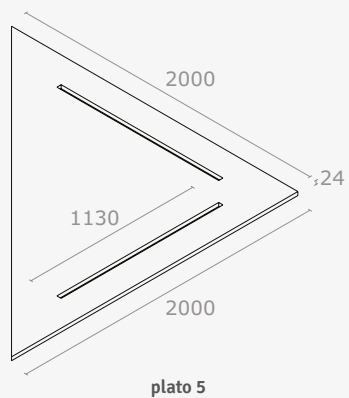
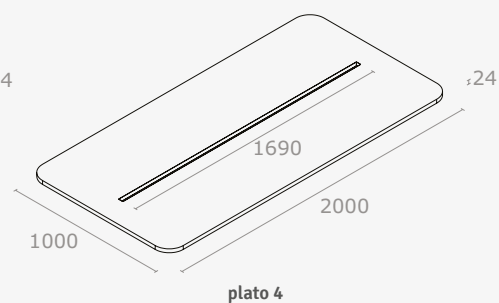
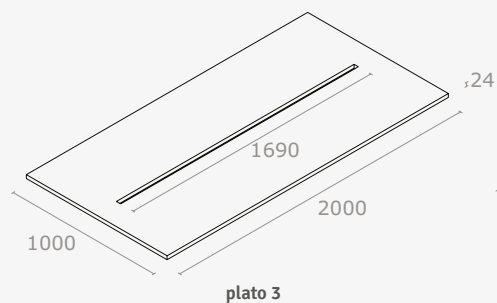
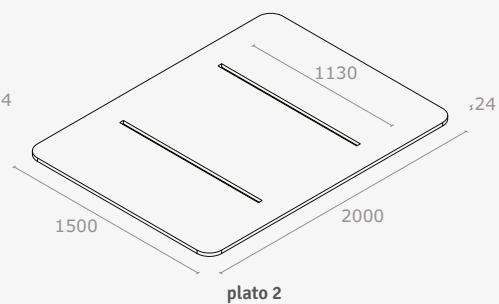
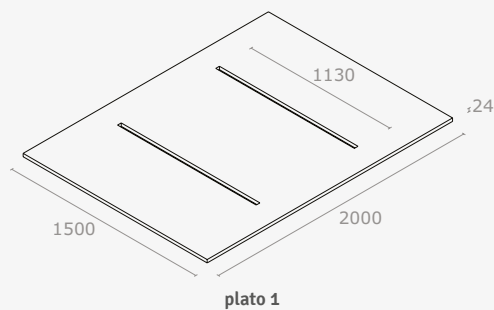
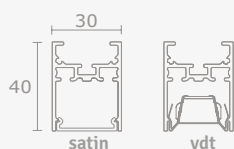
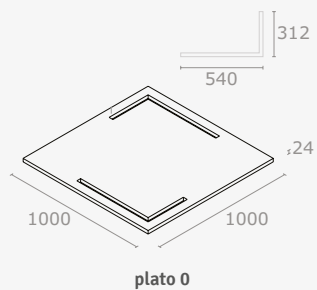
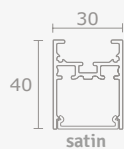


PLATO
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ACOUSTIC SYSTEM



TYPES OF PLATO



TECHNICAL SPECIFICATIONS

The Plato family consists of 6 different acoustic panels in combination with the light profile Rekta 30. The sustainable panels are partly manufactured from recycled PET bottles and have high acoustic values. The easy-to-mount products are above all stylish, eco-friendly and soundproof. The light system Rekta 30x40 is perfectly integrated in the different panels and provides optimal light comfort. With Plato you can improve both the lighting and acoustics in offices, gymnasiums, restaurants, broadcast studios, (home) cinemas, theaters, classes, music rooms, ... in a cost effective manner.

The Plato products are suitable for suspended mounting and have built-in light profiles with a width of 30mm. Depending on their application, these luminaires can be equipped with a VDT louvre or a satin diffuser from PMMA. On top of the panel the (DALI) driver is

placed in a separate housing which can optionally be equipped with an emergency module.

The 6 panels have the shape of a square, triangle and rectangle with normal or rounded corners. The lightweight panels are easy to handle and do not attract dirt particles thanks to their antistatic properties. The 100% recyclable panels have an Oeko-Tex standard 100 ecolabel, no VOC or formaldehyde emissions and a flame resistance B1-classification. They are pressed to approx. 3.000 gr/m² and have a thickness of 24mm.

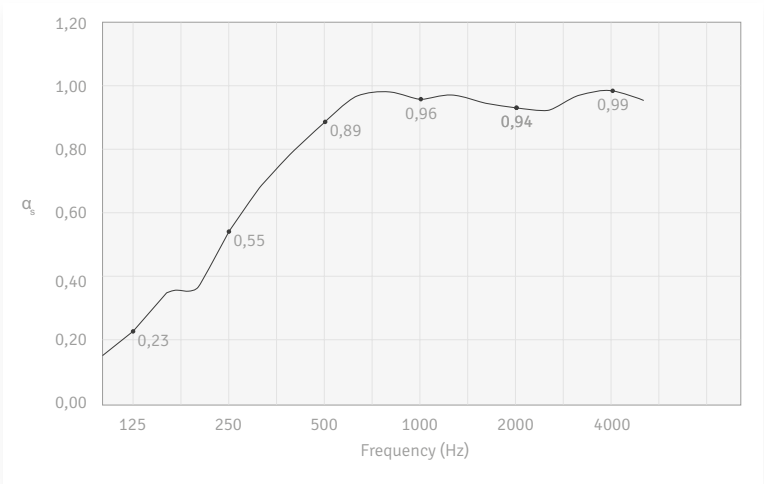
The acoustic panels are available in three modern colours: black, grey and white. The built-in light profiles are made in matching textured colours: black, anthracite and white.



COLOURS OF THE PANELS



SOUND ABSORPTION



Thickness	α _w	Class*
50mm	0,85	B

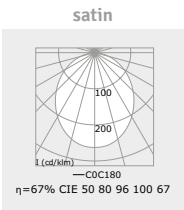
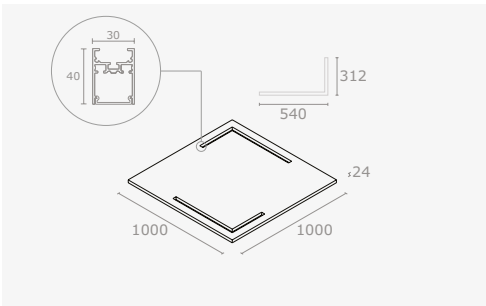
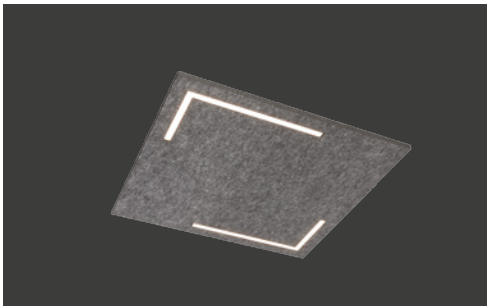
*To enable simple comparison between products acoustic materials are classed on a scale from A to E, with A-rated products having the highest and E-rated products having the lowest rated sound absorption performance.

Measurement of the sound absorption coefficient (α_s) is based on EN ISO 354

Frequency	125	250	500	1000	2000	4000
α _s	0,23	0,55	0,89	0,96	0,94	0,99

PLATO 0

230V 50Hz IP20 A/PET CE PS

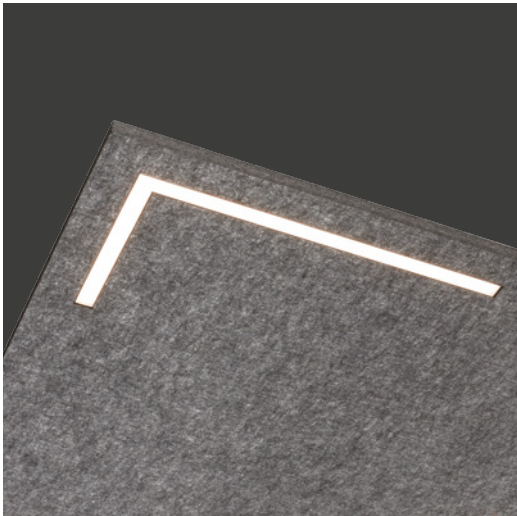


LOW lumen output

code	watt excl. driver	gross lumen	dim
31 . 130t053y - zzzz	19,2	4020	-
31 . 130t453y - zzzz	19,2	4020	dim

HIGH lumen output

code	watt excl. driver	gross lumen	dim
31 . 130t063y - zzzz	43,2	8040	-
31 . 130t463y - zzzz	43,2	8040	dim



t= diffusers

0= satin diffuser

y= colour temperature

3= 3000K
4= 4000K
2700K on request

zzzz= colour

7916= anthracite panel - textured anthracite profile
9905= black panel - textured black profile
9910= white panel - textured white profile

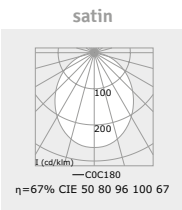
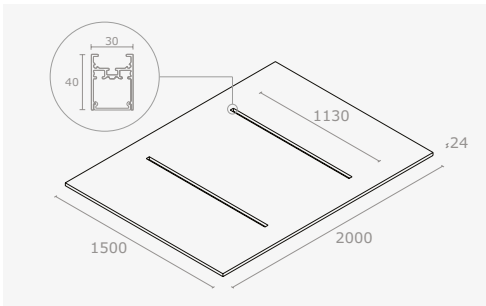
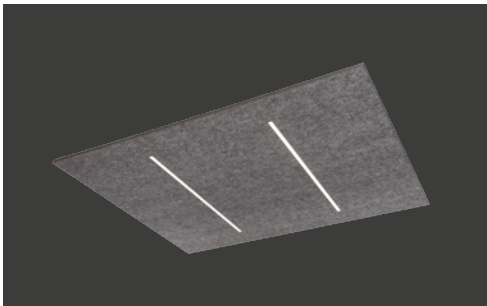
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dimmmable version DALI/TD
1-10V and emergency on
request

PLATO 1

230V 50Hz IP20 A/PET CE PS

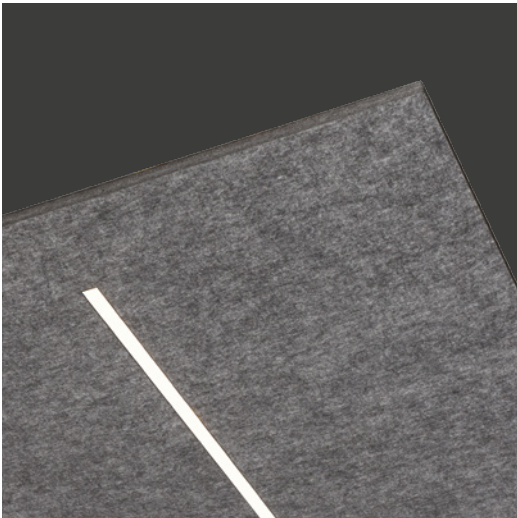


LOW lumen output

code	watt excl. driver	gross lumen	dim
31.131t054y-zzzz	25,6	5360	-
31.131t454y-zzzz	25,6	5360	dim

HIGH lumen output

code	watt excl. driver	gross lumen	dim
31.131t064y-zzzz	57,6	10720	-
31.131t464y-zzzz	57,6	10720	dim



t= diffusers

0= satin diffuser

y= colour temperature

3= 3000K
4= 4000K
2700K on request

zzzz= colour

7916= anthracite panel - textured anthracite profile
9905= black panel - textured black profile
9910= white panel - textured white profile

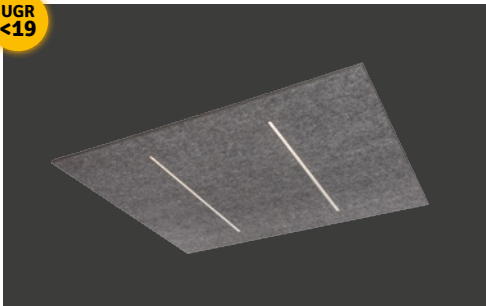
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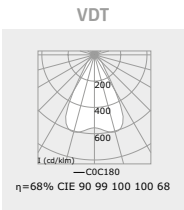
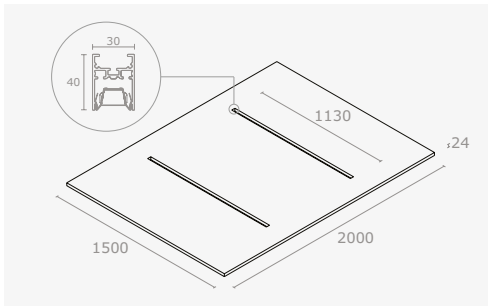
dimmmable version DALI/TD
1-10V and emergency on
request

PLATO 1

UGR
<19



230V 50Hz IP20 A/PET CE PS

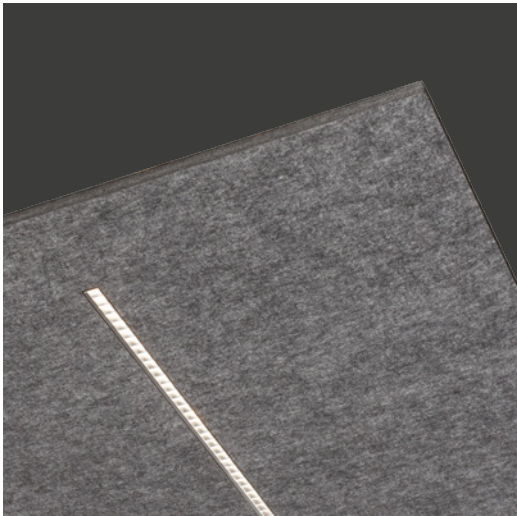


LOW lumen output

code	watt excl. driver	gross lumen	dim
31.131t014y-zzzz	36,0	6560	-
31.131t414y-zzzz	36,0	6560	dim

HIGH lumen output

code	watt excl. driver	gross lumen	dim
31.131t024y-zzzz	45,6	8000	-
31.131t424y-zzzz	45,6	8000	dim



t= diffusers

2= VDT louvre

y= colour temperature

3= 3000K
4= 4000K
2700K on request

zzzz= colour

7916= anthracite panel - textured anthracite profile
9905= black panel - textured black profile
9910= white panel - textured white profile

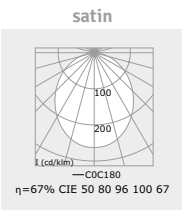
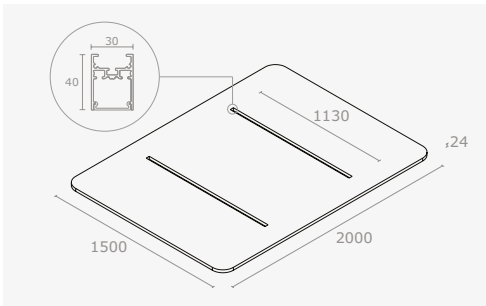
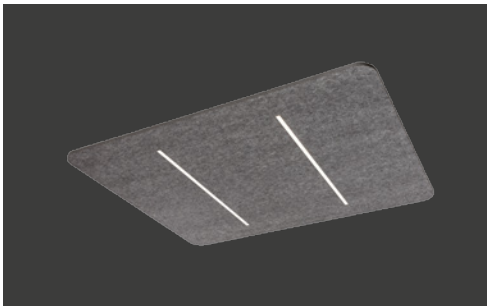
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dimmmable version DALI/TD
1-10V and emergency on
request

PLATO 2

230V 50Hz IP20 A/PET CE PS

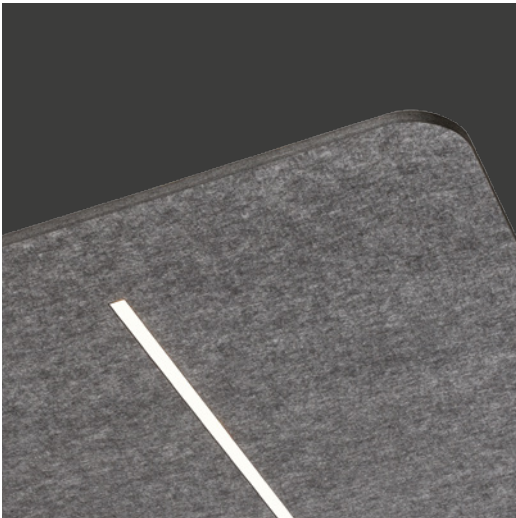


LOW lumen output

code	watt excl. driver	gross lumen	dim
31.132t054y-zzzz	25,6	5360	-
31.132t454y-zzzz	25,6	5360	dim

HIGH lumen output

code	watt excl. driver	gross lumen	dim
31.132t064y-zzzz	57,6	10720	-
31.132t464y-zzzz	57,6	10720	dim



t= diffusers

0= satin diffuser

y= colour temperature

3= 3000K
4= 4000K
2700K on request

zzzz= colour

7916= anthracite panel - textured anthracite profile
9905= black panel - textured black profile
9910= white panel - textured white profile

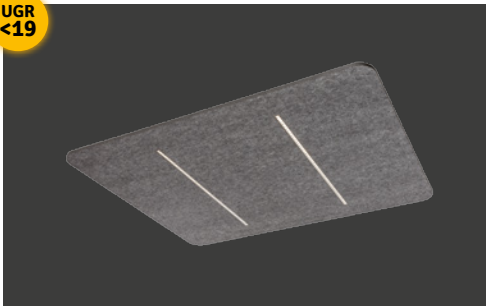
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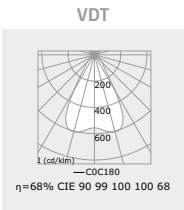
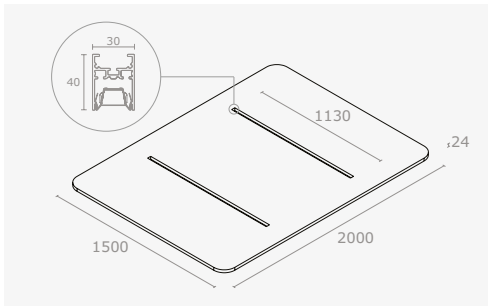
dimmmable version DALI/TD
1-10V and emergency on
request

PLATO 2

UGR
<19



230V 50Hz IP20 A/PET CE PS

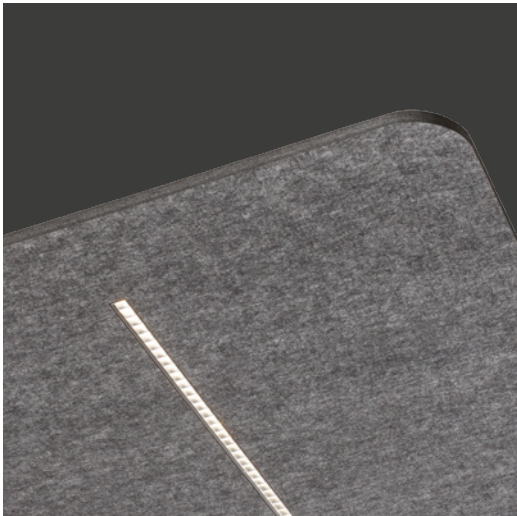


LOW lumen output

code	watt excl. driver	gross lumen	dim
31 . 132t014y - zzzz	36,0	6560	-
31 . 132t414y - zzzz	36,0	6560	dim

HIGH lumen output

code	watt excl. driver	gross lumen	dim
31 . 132t024y - zzzz	45,6	8000	-
31 . 132t424y - zzzz	45,6	8000	dim



t= diffusers

2= VDT louvre

y= colour temperature

3= 3000K
4= 4000K
2700K on request

zzzz= colour

7916= anthracite panel - textured anthracite profile
9905= black panel - textured black profile
9910= white panel - textured white profile

info



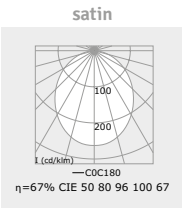
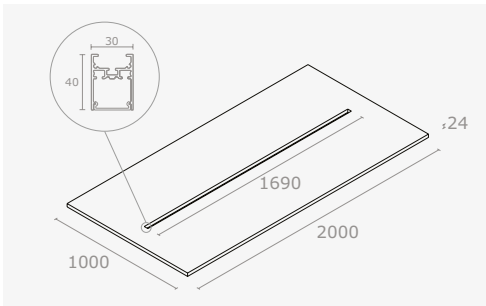
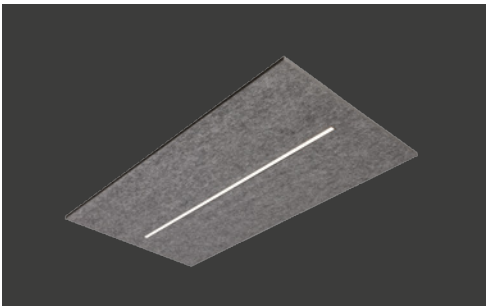
dimmmable version DALI/TD
1-10V and emergency on
request





PLATO 3

230V 50Hz IP20 A/PET CE PS

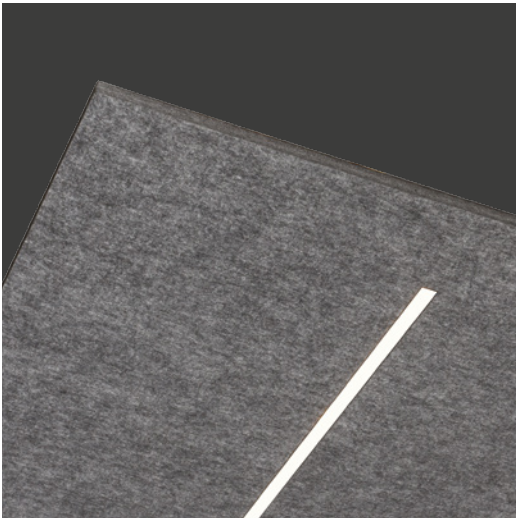


LOW lumen output

code	watt excl. driver	gross lumen	dim
31.133t056y-zzzz	19,2	4020	-
31.133t456y-zzzz	19,2	4020	dim

HIGH lumen output

code	watt excl. driver	gross lumen	dim
31.133t066y-zzzz	43,2	8040	-
31.133t466y-zzzz	43,2	8040	dim



t= diffusers

0= satin diffuser

y= colour temperature

3= 3000K
4= 4000K
2700K on request

zzzz= colour

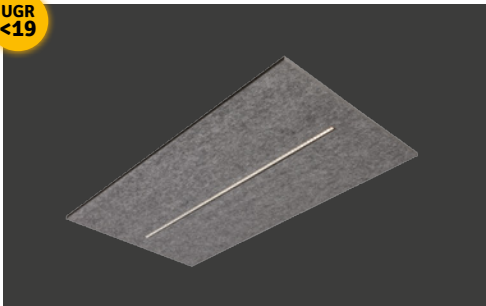
7916= anthracite panel - textured anthracite profile
9905= black panel - textured black profile
9910= white panel - textured white profile

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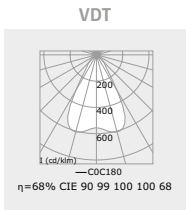
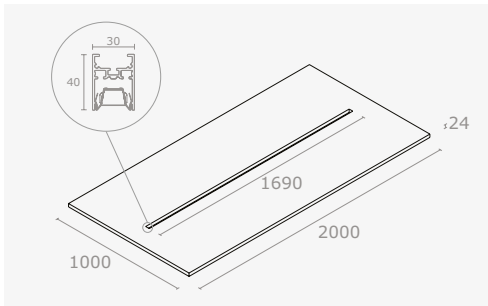
dimmmable version DALI/TD
1-10V and emergency on
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PLATO 3

UGR
<19



230V
50Hz IP20 A/PET CE PS

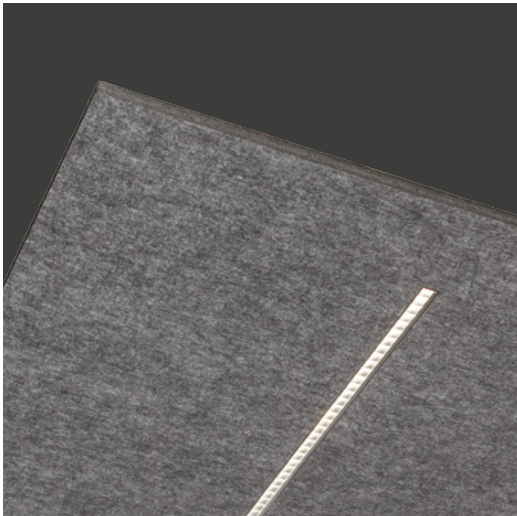


LOW lumen output

code	watt excl. driver	gross lumen	dim
31.133t016y-zzzz	27,0	4920	-
31.133t416y-zzzz	27,0	4920	dim

HIGH lumen output

code	watt excl. driver	gross lumen	dim
31.133t026y-zzzz	34,2	6000	-
31.133t426y-zzzz	34,2	6000	dim



t= diffusers

2= VDT louvre

y= colour temperature

3= 3000K
4= 4000K
2700K on request

zzzz= colour

7916= anthracite panel - textured anthracite profile
9905= black panel - textured black profile
9910= white panel - textured white profile

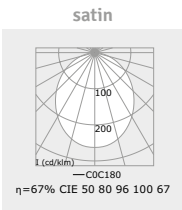
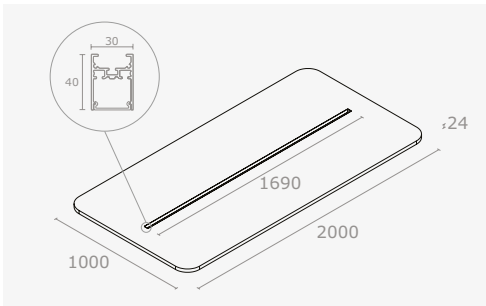
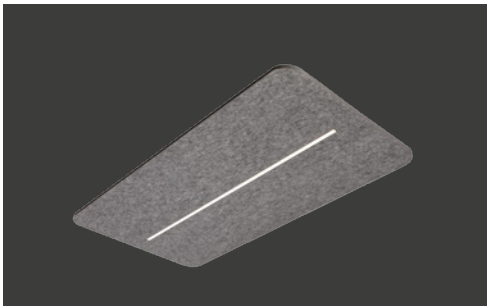
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dimmmable version DALI/TD
1-10V and emergency on
request

PLATO 4

230V 50Hz IP20 A/PET CE PS

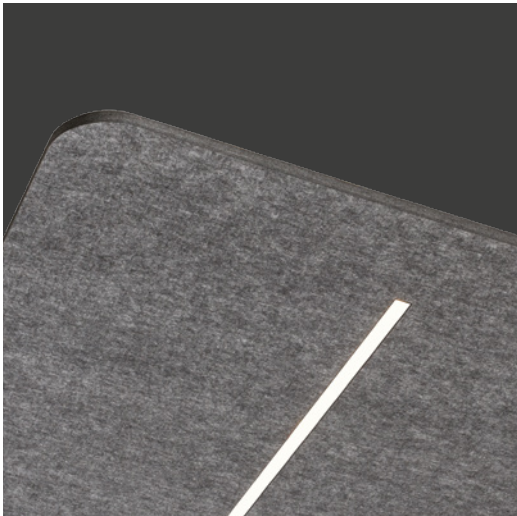


LOW lumen output

code	watt excl. driver	gross lumen	dim
31.134t056y-zzzz	19,2	4020	-
31.134t456y-zzzz	19,2	4020	dim

HIGH lumen output

code	watt excl. driver	gross lumen	dim
31.134t066y-zzzz	43,2	8040	-
31.134t466y-zzzz	43,2	8040	dim



t= diffusers

0= satin diffuser

y= colour temperature

3= 3000K
4= 4000K
2700K on request

zzzz= colour

7916= anthracite panel - textured anthracite profile
9905= black panel - textured black profile
9910= white panel - textured white profile

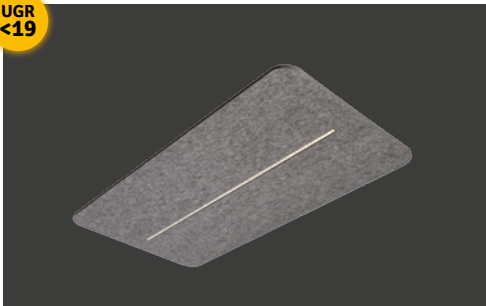
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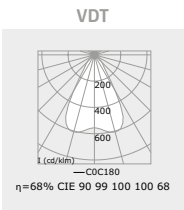
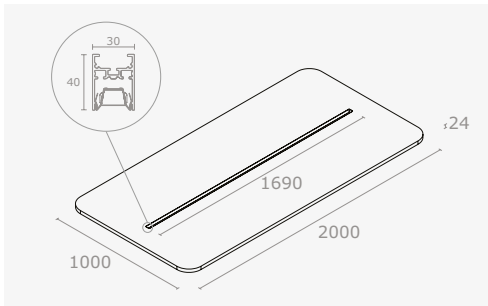
dimmmable version DALI/TD
1-10V and emergency on
request

PLATO 4

UGR
<19



230V 50Hz IP20 A/PET CE PS

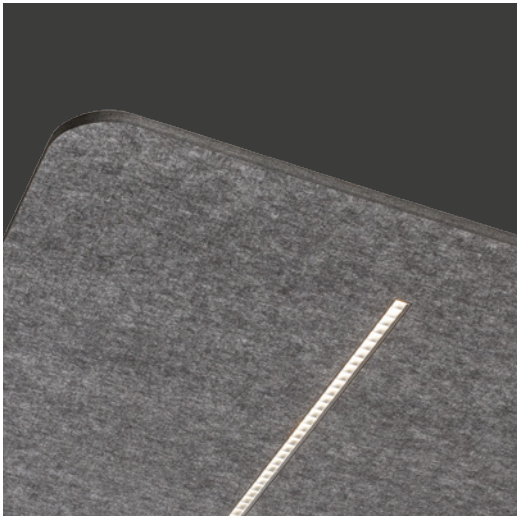


LOW lumen output

code	watt excl. driver	gross lumen	dim
31 . 134t016y - zzzz	27,0	4920	-
31 . 134t416y - zzzz	27,0	4920	dim

HIGH lumen output

code	watt excl. driver	gross lumen	dim
31 . 134t026y - zzzz	34,2	6000	-
31 . 134t426y - zzzz	34,2	6000	dim



t= diffusers

2= VDT louvre

y= colour temperature

3= 3000K
4= 4000K
2700K on request

zzzz= colour

7916= anthracite panel - textured anthracite profile
9905= black panel - textured black profile
9910= white panel - textured white profile

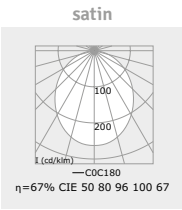
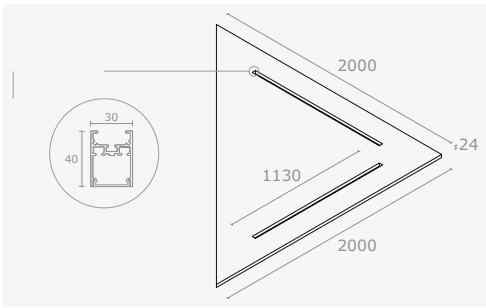
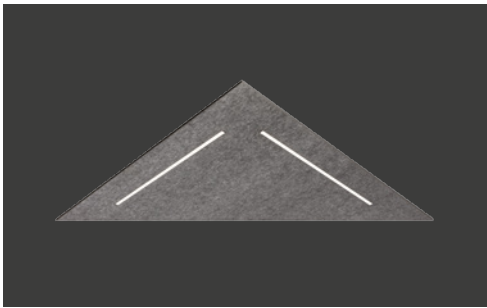
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dimmmable version DALI/TD
1-10V and emergency on
request

PLATO 5

230V 50Hz IP20 A/PET CE PS

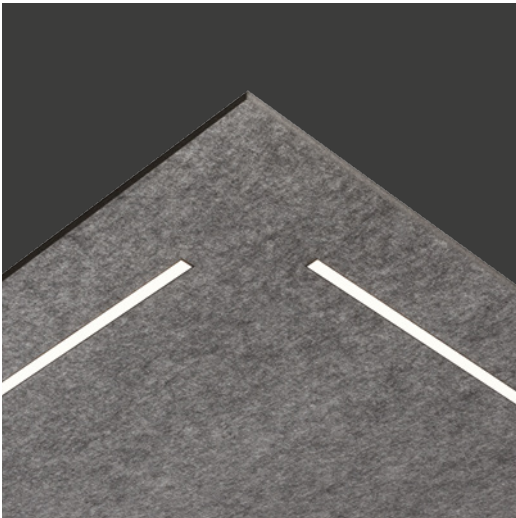


LOW lumen output

code	watt excl. driver	gross lumen	dim
31.135t054y-zzzz	25,6	5360	-
31.135t454y-zzzz	25,6	5360	dim

HIGH lumen output

code	watt excl. driver	gross lumen	dim
31.135t064y-zzzz	57,6	10720	-
31.135t464y-zzzz	57,6	10720	dim



t= diffusers

0= satin diffuser

y= colour temperature

3= 3000K
4= 4000K
2700K on request

zzzz= colour

7916= anthracite panel - textured anthracite profile
9905= black panel - textured black profile
9910= white panel - textured white profile

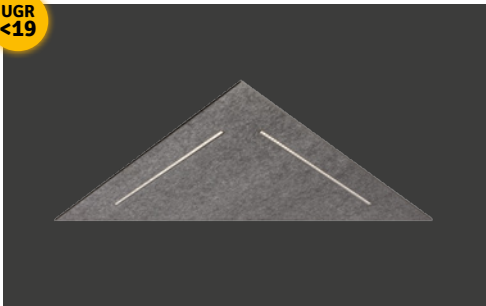
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dimmmable version DALI/TD
1-10V and emergency on
request

PLATO 5

UGR
<19



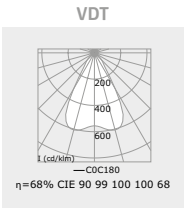
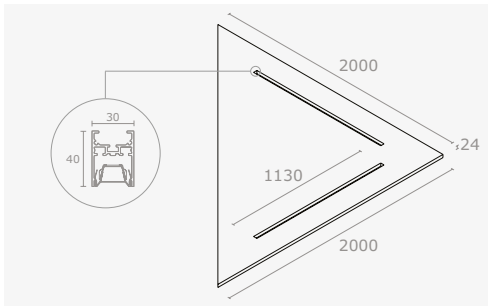
230V
50Hz

IP20

A/PET

CE

PS

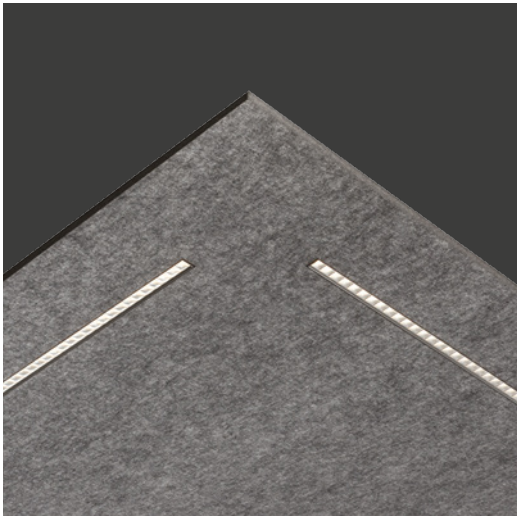


LOW lumen output

code	watt excl. driver	gross lumen	dim
31 . 135 t 014 y - zzzz	36,0	6560	-
31 . 135 t 414 y - zzzz	36,0	6560	dim

HIGH lumen output

code	watt excl. driver	gross lumen	dim
31 . 135 t 024 y - zzzz	45,6	8000	-
31 . 135 t 424 y - zzzz	45,6	8000	dim



t= diffusers

2= VDT louvre

y= colour temperature

3= 3000K
4= 4000K
2700K on request

zzzz= colour

7916= anthracite panel - textured anthracite profile
9905= black panel - textured black profile
9910= white panel - textured white profile

info



dimmmable version DALI/TD
1-10V and emergency on
request



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