



HiLight

# HiLight

GENERAL LIGHTING, FUNCTIONAL LIGHTING,  
ACCENT LIGHTING

HiLight embodies the “functional lighting” philosophy from several points of view. The seamless and hand-brushed outer ring made of anodised aluminium turns the luminaire into a real eye-catcher. Different finishes, which either reduce glare or draw attention to physical light, are available for lighting concepts that are tailored to specific requirements. Additional lighting accents can be set with the optional downlight, creating pleasant pools of light in the room.

# INSPIRATION

ARTIFICIAL LIGHT WILL PROBABLY NEVER CAPTURE THE BEAUTY OF NATURAL LIGHT. NEVERTHELESS, WE AIM TO BRING THE IMPRESSION OF NATURAL LIGHT INTO ARCHITECTURE.



The sun is the most beautiful example of physical light.



A warm ray of sunshine from a cloudy sky energises us and gives us a sense of well-being.



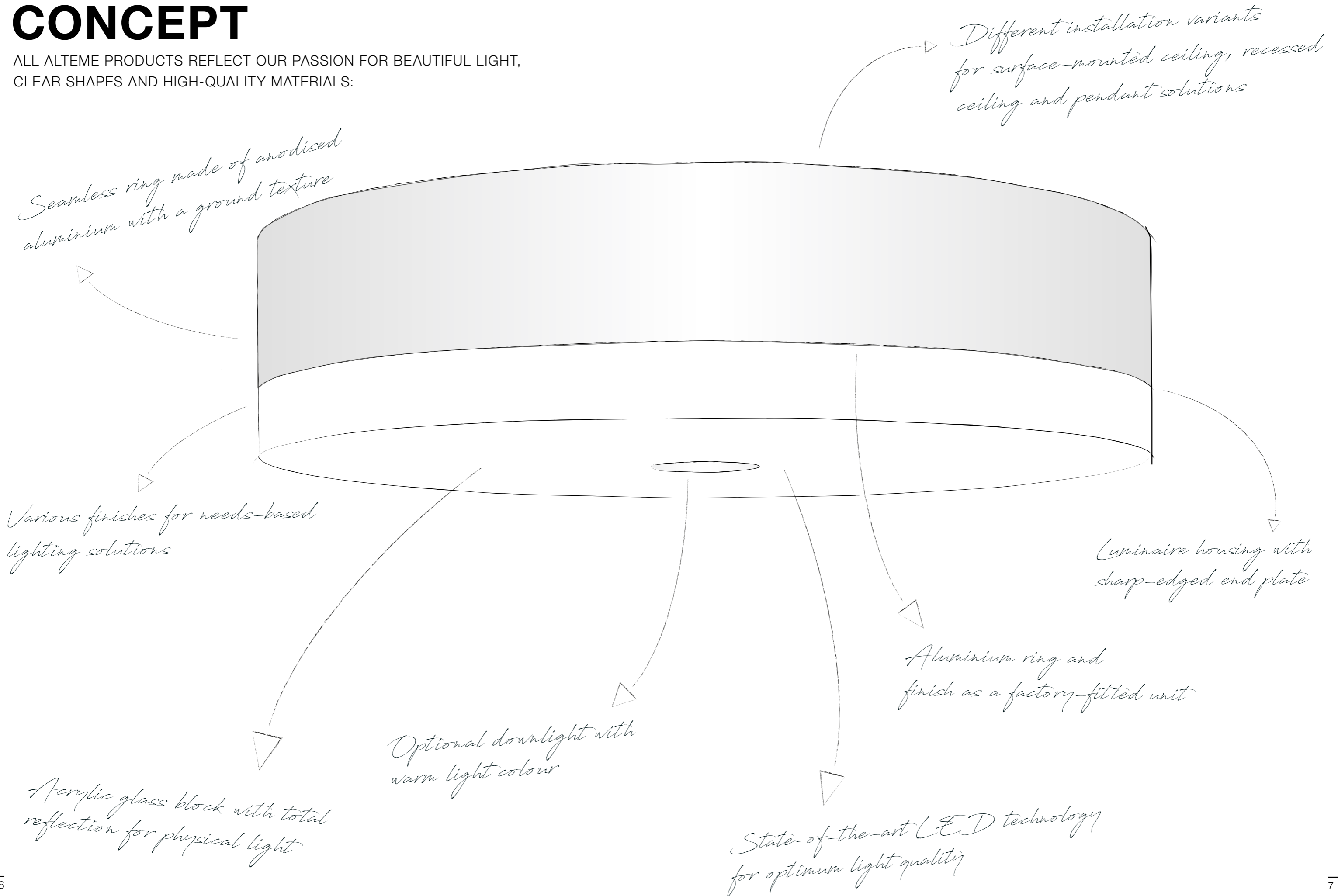
Clear shapes and high-quality materials are absolutely essential for a timeless design.



Lighting conditions create subtle shading on an anodised aluminium surface. The body itself thus becomes the stage for the interplay of light and shadow.

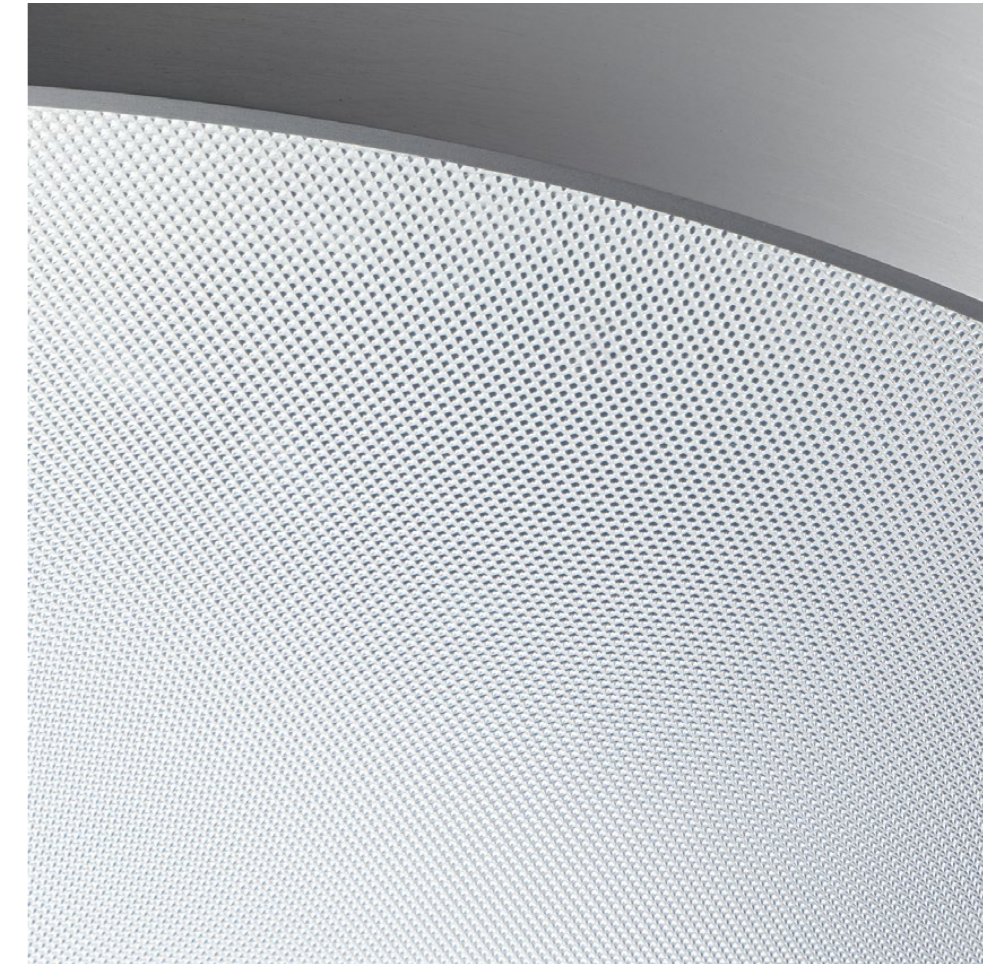
# CONCEPT

ALL ALTEME PRODUCTS REFLECT OUR PASSION FOR BEAUTIFUL LIGHT,  
CLEAR SHAPES AND HIGH-QUALITY MATERIALS:



# PRESENTATION

HILIGHT COMBINES LIGHT AND MATERIAL TO CREATE A VERSATILE TOOL FOR SOPHISTICATED LIGHTING SOLUTIONS IN ARCHITECTURE.



# APPLICATION

A SUCCESSFUL LIGHTING CONCEPT ENSURES THAT LIGHTING IS TAILORED TO BOTH NEEDS AND USES AND, AT THE SAME TIME, CREATES AN APPEALING AMBIENCE IN THE ROOM.

## CITY HOSPITAL WAID

Location: Zürich, Switzerland

Lighting concept: Neuco AG, Zürich

Photo: Roger Frei, Zürich



## ADMINISTRATION BUILDING OBERER GRABEN

Location: St. Gallen, Switzerland

Architecture: jessenvollenweider ARCHITEKTUR, Basel

Lighting concept: Hellraum GmbH, St. Gallen

Photo: Alexander Gempeler, Bern



# FEATURES & BENEFITS

## GENERAL LIGHTING – PLEASANT AND HIGHLY EFFICIENT ROOM ILLUMINATION

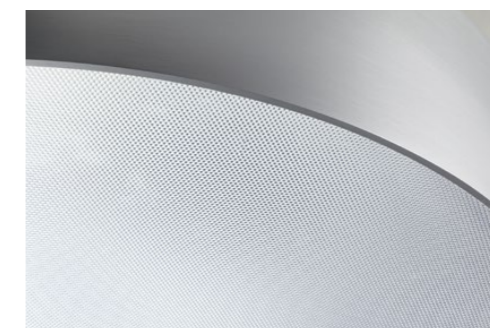
The LED circuit board specifically developed for HiLight ensures optimum and highly efficient light quality and, in conjunction with all HiLight finishes, creates soft basic lighting that does not cast strong shadows.

## POWERSWITCH – PLEASANT LUMINANCE OR MAXIMUM LUMEN OUTPUT

To further increase flexibility in lighting planning, HiLight offers a choice of two different luminous intensities. In all models, the standard version is characterised by a pleasant luminance on the finish and, in combination with the conical microstructured prism (CDP), enables applications suitable for computer screens according to DIN EN12464-1.

In the high-output version, the luminous flux is increased by approx. 46%, so the desired illuminance can be achieved with a smaller number of luminaires.

The performance level can also be adjusted by the customer using a switch attached to the operating device.



Conical microstructured prism (CDP) incl. homogenising diffusing film.  
UGR $\leq$ 19  
Luminance at  $\gamma > 65^\circ$  <math> < 3000\text{cd/m}^2</math>  
In the standard version



Opal pane of acrylic glass with homogeneous illumination



Acrylic glass block with total reflection





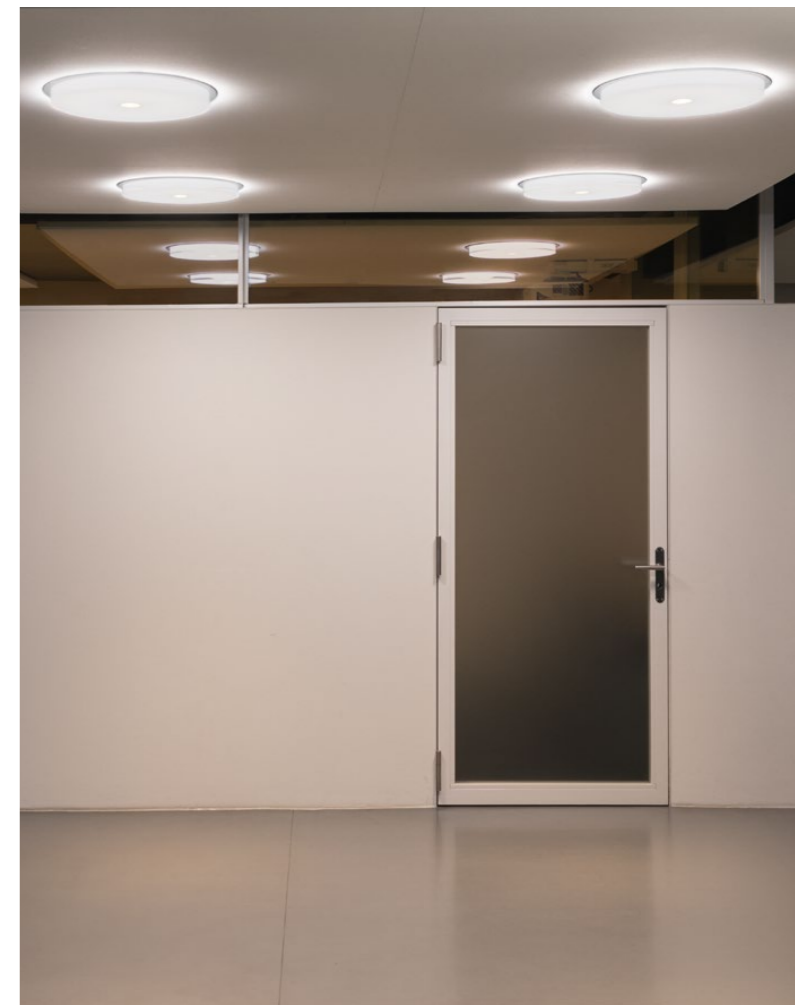
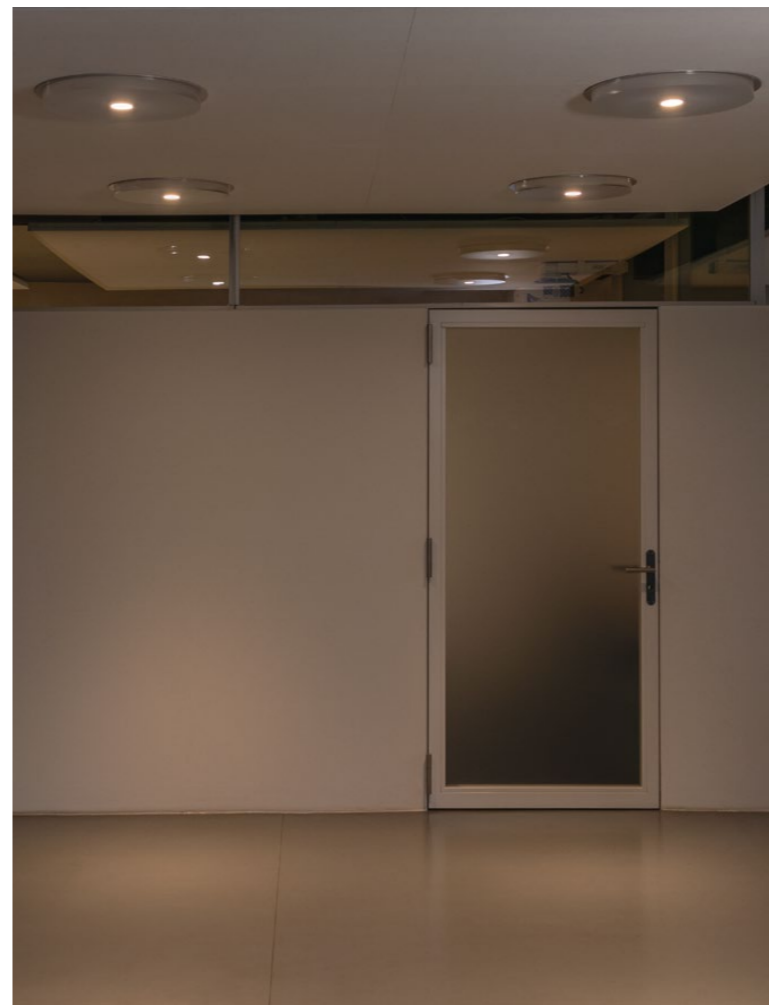
## ACCENT LIGHTING – A WARM RAY OF SUNLIGHT FROM THE CENTRE OF THE LUMINAIRE

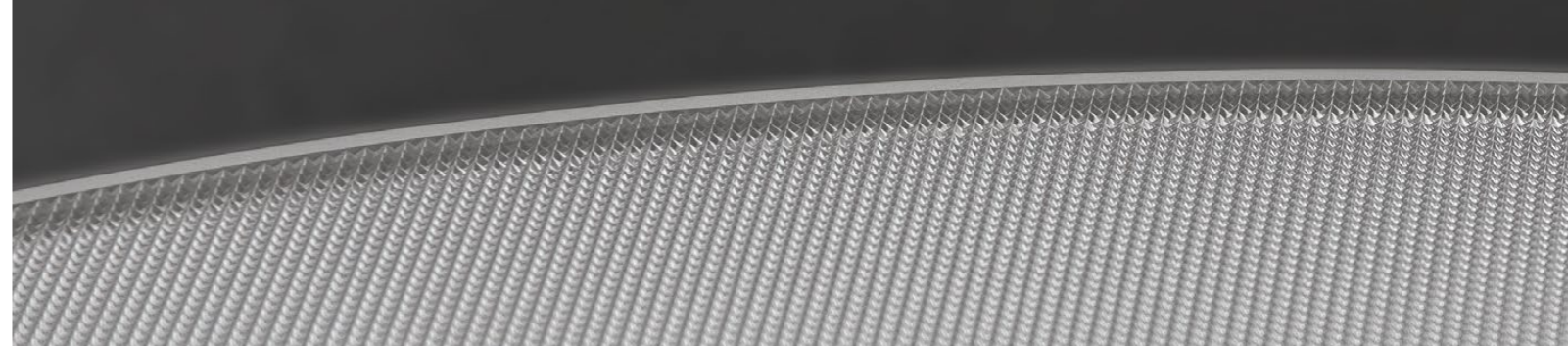
The design option with an additional downlight offers the option of setting additional lighting accents in the room as well as the soft basic lighting.

The downlight's 2700K warm light colour gives the impression of a warm ray of sunlight, which provides additional brilliance on the illuminated surface. This effect is further enhanced in combination with 4000K neutral white basic lighting.

## FUNCTIONAL LIGHTING – PHYSICAL LIGHT THROUGH AN ACRYLIC GLASS BLOCK WITH TOTAL REFLECTION

The acrylic glass block finish makes the light visible in an incomparable way. A special coat of varnish on the underside of the block ensures soft and homogeneous light distribution. The total reflection on the inside of the finish hides the LED circuit board from view, giving the impression that the block is floating in the room. In the variant with downlight, the cone-shaped recess provides a playful accent too.





## TUNABLE WHITE – ATMOSPHERIC LIGHT DUE TO A SHIFT IN COLOUR TEMPERATURE

With the tunable white version, the colour temperature can be controlled individually from 2700K to 6500K using DALI DT8 commands.

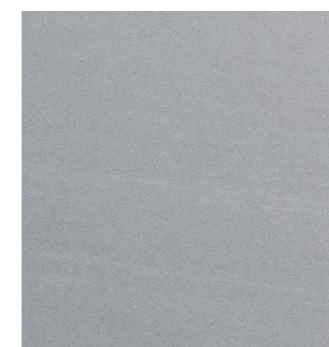
As a result, HiLight can also be used to create application-specific lighting concepts that focus on people's wellbeing.



## ELEGANT MATERIALS AND PRECISE PRODUCTION

HiLight cuts an impressive figure with precious materials and high-precision craftsmanship. The outer ring made of anodised aluminium is pressed seamlessly from one piece and finished by hand by adding a ground texture. The ring is then joined with the finish to form a unit as part of a special process. This concept prevents finish displacement and undesirable light emission between the finish and the ring.

In addition to the standard version made of chemically matt-finished and transparently anodised aluminium, we also offer project-specific special solutions, such as anodisation in the colours Colinal or Champagne.



Aluminum colorless anodised



Aluminum in  
Color Colinal anodized



Aluminum in  
Color Champagne anodized

## WIDE VARIETY OF INSTALLATION ACCESSORIES – THE IDEAL SOLUTION FOR EVERY APPLICATION

All HiLight surface-mounted luminaires can also be mounted as pendant solutions with an accessory set. A cord pendant set or adjustment using a pendant tube, incl. sharp-edged canopy, are available for this purpose. Two separate support bracket sets for ceiling thicknesses of 1–15mm or 15–28mm are available for recessed ceiling luminaires. For additional suspended ceiling relief, we recommend installing all recessed luminaires with acrylic glass blocks using suspension cables, which are included in the delivery.



# MODEL OVERVIEW

## MODELS VERSIONS

Types of luminaires	Page	Diameter	Optics
Surface-mounted luminaire	24–25	350mm	Acrylic glass pane
Surface-mounted luminaire	24–25	475mm	Cone microprismatic (CDP)
Surface-mounted luminaire	24–25	600mm	Acrylic glass block
Surface-mounted luminaire High-Output	26–27	350mm	Acrylic glass pane
Surface-mounted luminaire High-Output	26–27	475mm	Cone microprismatic (CDP)
Surface-mounted luminaire High-Output	26–27	600mm	Acrylic glass block
Surface-mounted luminaire tunable white	28–29	475mm	Cone microprismatic (CDP)
Surface-mounted luminaire tunable white	28–29	600mm	Acrylic glass block
Recessed luminaire	30–31	350mm	Acrylic glass pane
Recessed luminaire	30–31	475mm	Cone microprismatic (CDP)
Recessed luminaire	30–31	600mm	Acrylic glass block
Recessed luminaire High-Output	32–33	350mm	Acrylic glass pane
Recessed luminaire High-Output	32–33	475mm	Cone microprismatic (CDP)
Recessed luminaire High-Output	32–33	600mm	Acrylic glass block
Recessed luminaire tunable white	34–35	475mm	Cone microprismatic (CDP)
Recessed luminaire tunable white	34–35	600mm	Acrylic glass block

## MODELS VARIANTS

## DESIGN OPTIONS

Colour temperature	Activation	Optional Downlight
3000K / 4000K	On/Off / DALI	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
3000K / 4000K	On/Off / DALI	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
3000K / 4000K	On/Off / DALI	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
3000K / 4000K	On/Off / DALI	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
3000K / 4000K	On/Off / DALI	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
3000K / 4000K	On/Off / DALI	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
2700K – 6500K	DALI DT8	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
2700K – 6500K	DALI DT8	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
3000K / 4000K	On/Off / DALI	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
3000K / 4000K	On/Off / DALI	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
3000K / 4000K	On/Off / DALI	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
3000K / 4000K	On/Off / DALI	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
3000K / 4000K	On/Off / DALI	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
3000K / 4000K	On/Off / DALI	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
2700K – 6500K	DALI DT8	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W
2700K – 6500K	DALI DT8	2700K, CRI ≥95 at 2 SDCM, 799lm, 26°, 12.2W



# HiLight SURFACE-MOUNTED LUMINAIRE

Round luminaire body with or without downlight, in the installation versions: surface-mounted or recessed ceiling installation with continuous edge made of aluminium.

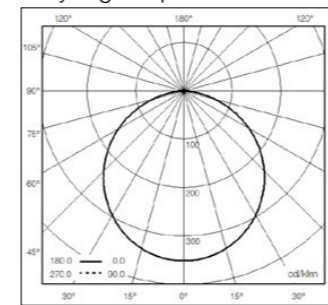
One-part outer housing with sharp-edged closing edge, aluminium ground, chemically matted and transparently anodised, can be installed on the ceiling fitting without any need for tools. Finish in the variants: pane of acrylic glass, acrylic glass block or conical microstructured prism (CDP) for applications suitable for computer screens in compliance with DIN EN12464-1 (in the case of the low-output setting without a downlight).

Ceiling fitting made of aluminium, powder-coated in white (RAL9016) with two openings for feed-through wiring. Pre-installed operating device with printed circuit board for the low-output or high-output setting options incl. plug-in connector for printed circuit board connection. Plug-in terminal and strain relief on the primary side. Internal wiring halogen-free.

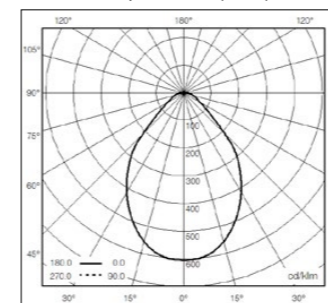
Replaceable LED circuit board with plug-in connector. CRI ≥80 (CRI ≥90 on request) 3 SDCM initial. 3000K or 4000K. Optional downlight 2700K CRI ≥95 at 2 SDCM.



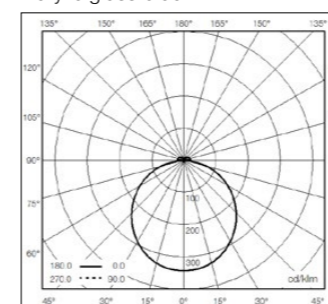
Acrylic glass pane



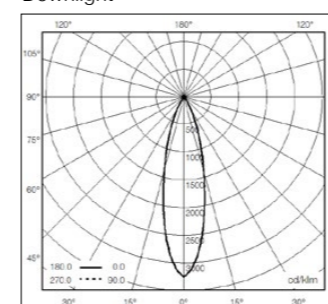
Cone microprismatic (CDP)



Acrylic glass block



Downlight



## DESIGNS

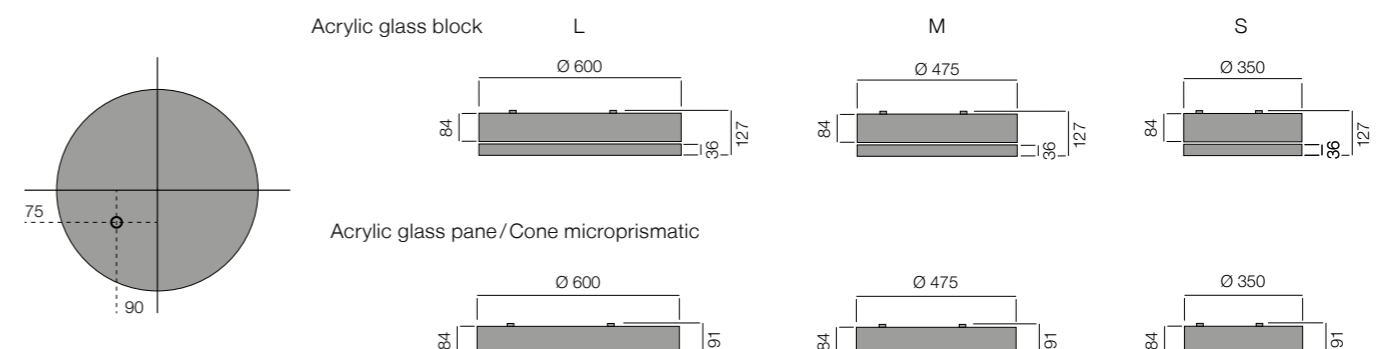
Item no.	CCT	DM	Ng	P	UGR	cd/cm²
<b>Optic acrylic glass pane</b>						
NX3 381Y.C	3000K	350mm	1596lm	13.1W	22.3	>3000
NX3 383Y.C	3000K	475mm	2755lm	21.8W	22.1	>3000
NX3 385Y.C	3000K	600mm	4347lm	34.3W	22.0	>3000
NX3 481Y.C	4000K	350mm	1683lm	13.1W	22.5	>3000
NX3 483Y.C	4000K	475mm	2905lm	21.8W	22.3	>3000
NX3 485Y.C	4000K	600mm	4586lm	34.3W	22.2	>3000

<b>Optic Cone microprismatic (CDP)</b>						
NX2 381Y.C	3000K	350mm	1473lm	13.1W	18.0	<3000
NX2 383Y.C	3000K	475mm	2542lm	21.8W	17.9	<3000
NX2 385Y.C	3000K	600mm	4012lm	34.3W	17.7	<3000
NX2 481Y.C	4000K	350mm	1553lm	13.1W	18.2	<3000
NX2 483Y.C	4000K	475mm	2681lm	21.8W	18.0	<3000
NX2 485Y.C	4000K	600mm	4232lm	34.3W	17.9	<3000

<b>Optic Acrylic glass block</b>						
NX1 381Y.C	3000K	350mm	1444lm	13.1W	20.5	>3000
NX1 383Y.C	3000K	475mm	2492lm	21.8W	20.6	>3000
NX1 385Y.C	3000K	600mm	3933lm	34.3W	20.6	>3000
NX1 481Y.C	4000K	350mm	1522lm	13.1W	20.7	>3000
NX1 483Y.C	4000K	475mm	2628lm	21.8W	20.7	>3000
NX1 485Y.C	4000K	600mm	4149lm	34.3W	20.8	>3000

## DESIGN OPTIONS

<b>Downlight X</b>	
N1* ****.C	Without Downlight
N2* ****.C	With Downlight 2700K, CRI≥95 at 2 SDCM, 799lm, FWHM 26° 12.2W
<b>Activation Y</b>	
N** ***1.C	On/Off
N** ***6.C	DALI





# HiLight SURFACE-MOUNTED LUMINAIRE HIGH-OUTPUT

Round luminaire body with or without downlight, in the installation versions: surface-mounted or recessed ceiling installation with continuous edge made of aluminium.

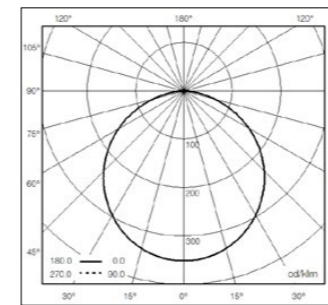
One-part outer housing with sharp-edged closing edge, aluminium ground, chemically matted and transparently anodised, can be installed on the ceiling fitting without any need for tools. Finish in the variants: pane of acrylic glass, acrylic glass block or conical microstructured prism (CDP) for applications suitable for computer screens in compliance with DIN EN12464-1 (in the case of the low-output setting without a downlight).

Ceiling fitting made of aluminium, powder-coated in white (RAL9016) with two openings for feed-through wiring. Pre-installed operating device with printed circuit board for the low-output or high-output setting options incl. plug-in connector for printed circuit board connection. Plug-in terminal and strain relief on the primary side. Internal wiring halogen-free.

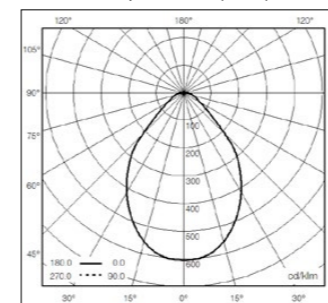
Replaceable LED circuit board with plug-in connector. CRI ≥80 (CRI ≥90 on request) 3 SDCM initial. 3000K or 4000K. Optional downlight 2700K CRI ≥95 at 2 SDCM.



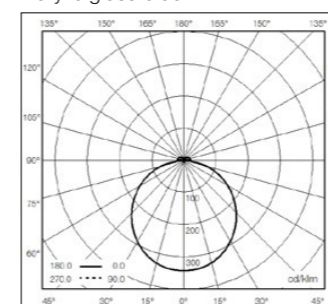
Acrylic glass pane



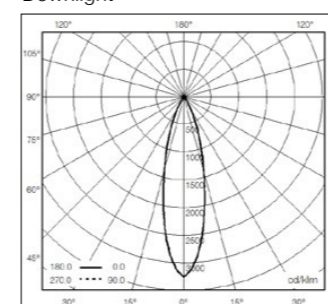
Cone microprismatic (CDP)



Acrylic glass block



Downlight



## DESIGNS

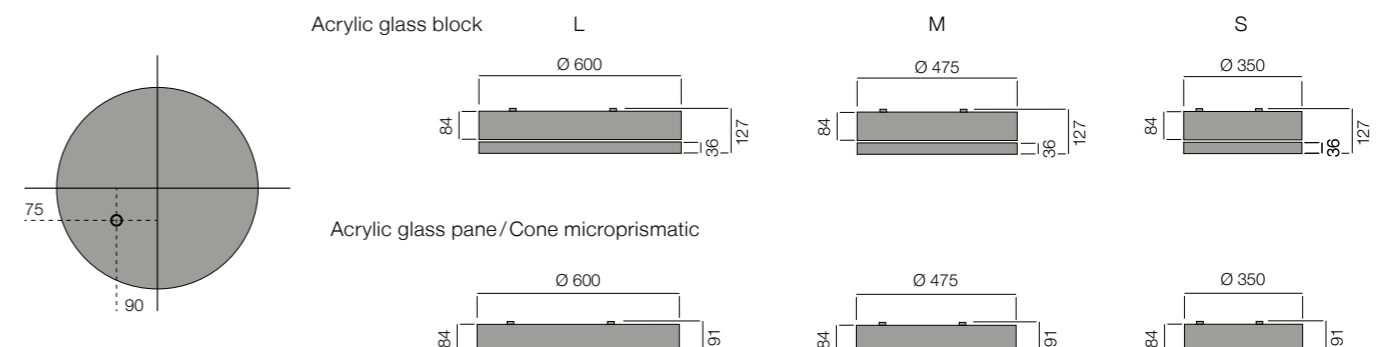
Item no.	CCT	DM	Ng	P	UGR	cd/cm²
<b>Optic acrylic glass pane</b>						
NX3 381Y.C	3000K	350mm	2100lm	17.3 W	23.2	>3000
NX3 383Y.C	3000K	475mm	3500lm	27.9W	23.0	>3000
NX3 385Y.C	3000K	600mm	5561lm	44.8W	22.9	>3000
NX3 481Y.C	4000K	350mm	2213lm	17.3W	23.4	>3000
NX3 483Y.C	4000K	475mm	3688lm	27.9W	23.1	>3000
NX3 485Y.C	4000K	600mm	5859lm	44.8W	23.0	>3000

<b>Optic Cone microprismatic (CDP)</b>						
NX2 381Y.C	3000K	350mm	1938lm	17.3W	19.0	>3000
NX2 383Y.C	3000K	475mm	3230lm	27.9W	18.7	>3000
NX2 385Y.C	3000K	600mm	5132lm	44.8W	18.6	>3000
NX2 481Y.C	4000K	350mm	2042lm	17.3W	19.1	>3000
NX2 483Y.C	4000K	475mm	3403lm	27.9W	18.9	>3000
NX2 485Y.C	4000K	600mm	5407lm	44.8W	18.8	>3000

<b>Optic Acrylic glass block</b>						
NX1 381Y.C	3000K	350mm	1900lm	17.3W	21.4	>3000
NX1 383Y.C	3000K	475mm	3166lm	27.9W	21.4	>3000
NX1 385Y.C	3000K	600mm	5031lm	44.8W	21.5	>3000
NX1 481Y.C	4000K	350mm	2002lm	17.3W	21.6	>3000
NX1 483Y.C	4000K	475mm	3336lm	27.9W	21.6	>3000
NX1 485Y.C	4000K	600mm	5300lm	44.8W	21.7	>3000

## DESIGN OPTIONS

<b>Downlight X</b>	
N5* ****.C	Without Downlight
N6* ****.C	With Downlight 2700K, CRI≥95 at 2 SDCM, 799lm, FWHM 26° 12.2W
<b>Activation Y</b>	
N** ***1.C	On/Off
N** ***6.C	DALI





# HiLight SURFACE-MOUNTED LUMINAIRE TUNABLE WHITE

Round luminaire body with or without downlight, in the installation versions: surface-mounted or recessed ceiling installation with continuous edge made of aluminium.

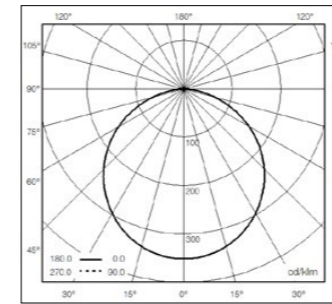
One-part outer housing with sharp-edged closing edge, aluminium ground, chemically matted and transparently anodised, can be installed on the ceiling fitting without any need for tools. Finish in the variants: pane of acrylic glass, acrylic glass block or conical microstructured prism (CDP) for applications suitable for computer screens in compliance with DIN EN12464-1 (in the case of the low-output setting without a downlight).

Ceiling fitting made of aluminium, powder-coated in white (RAL 9016) with two openings for feed-through wiring. Pre-installed DALI DT8 operating device incl. plug-in connector for printed circuit board connection. Plug-in terminal and strain relief on the primary side. Internal wiring halogen-free.

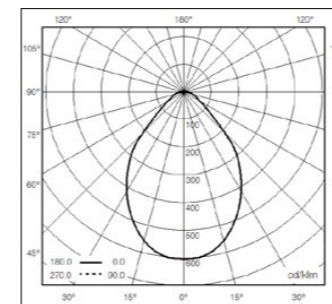
Replaceable LED circuit board with plug-in connector. CRI ≥80 (CRI ≥90 on request) SDCM initial. Colour temperature 2700K–6500K. Optional downlight 2700K CRI ≥95 at 2 SDCM.



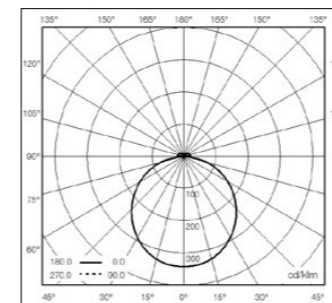
Acrylic glass pane



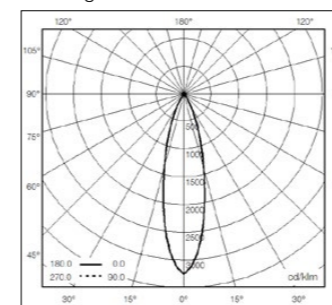
Cone microprismatic (CDP)



Acrylic glass block



Downlight



## DESIGNS

Item no.	CCT	DM	Ng	P	UGR	cd/cm <sup>2</sup>
<b>Optic acrylic glass pane</b>						
NX3 883Y.C	2700K–6500K	475 mm	2905 lm	24.4W – 21.8W	22.3	>3000
NX3 885Y.C	2700K–6500K	600 mm	4586 lm	38.4W – 34.3W	22.2	>3000
<b>Optic Cone microprismatic (CDP)</b>						
NX2 883Y.C	2700K–6500K	475 mm	2681 lm	24.4W – 21.8W	18.0	<3000
NX2 885Y.C	2700K–6500K	600 mm	4232 lm	38.4W – 34.3W	17.9	<3000
<b>Optic Acrylic glass block</b>						
NX1 883Y.C	2700K–6500K	475 mm	2628 lm	24.4W – 21.8W	20.7	>3000
NX1 885Y.C	2700K–6500K	600 mm	4149 lm	38.4W – 34.3W	20.8	>3000

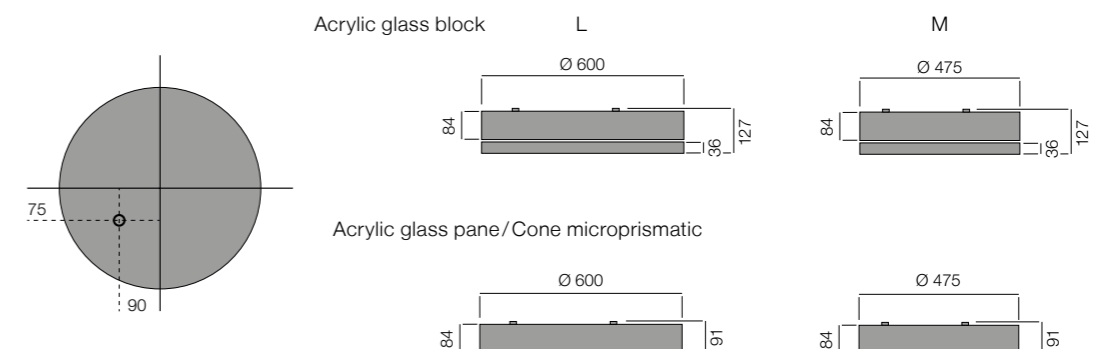
## DESIGN OPTIONS

### Downlight X

N1****.C	Without Downlight
N2****.C	With Downlight 2700K, CRI≥95 at 2 SDCM, 799lm, FWHM 26° 12.2W

### Activation Y

N** **1.C	On/Off
N** **6.C	DALI





# HiLight RECESSED LUMINAIRE

Round luminaire body with or without downlight, in the installation versions: surface-mounted or recessed ceiling installation with continuous edge made of aluminium.

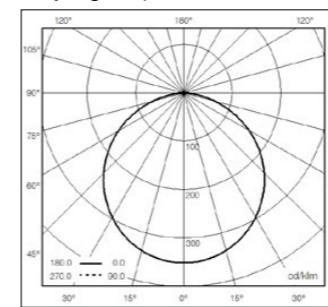
One-part outer housing with sharp-edged closing edge, aluminium ground, chemically matted and transparently anodised, can be installed on the ceiling fitting without any need for tools. Finish in the variants: pane of acrylic glass, acrylic glass block or conical microstructured prism (CDP) for applications suitable for computer screens in compliance with DIN EN12464-1 (in the case of the low-output setting without a downlight).

Ceiling fitting made of aluminium, powder-coated in white (RAL9016) with two openings for feed-through wiring. Pre-installed operating device with printed circuit board for the low-output or high-output setting options incl. plug-in connector for printed circuit board connection. Plug-in terminal and strain relief on the primary side. Internal wiring halogen-free.

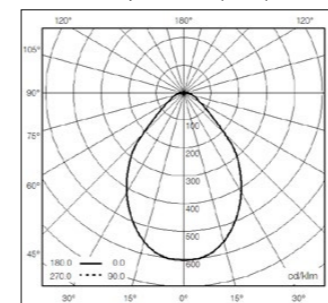
Replaceable LED circuit board with plug-in connector. CRI ≥80 (CRI ≥90 on request) 3 SDCM initial. 3000K or 4000K. Optional downlight 2700K CRI ≥95 at 2 SDCM.



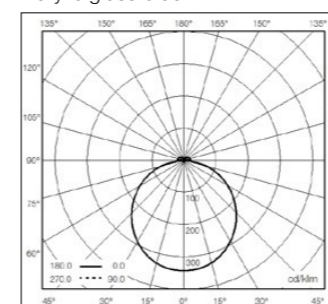
Acrylic glass pane



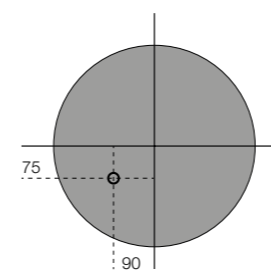
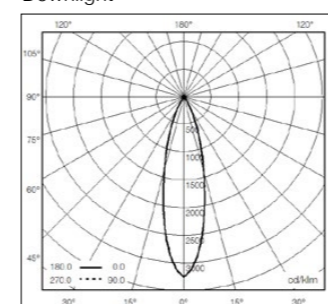
Cone microprismatic (CDP)



Acrylic glass block



Downlight



## DESIGNS

Item no.	CCT	DM	Ng	P	UGR	cd/cm <sup>2</sup>
<b>Optic acrylic glass pane</b>						
NX3 381Y.C	3000K	350mm	1596lm	13.1W	22.3	>3000
NX3 383Y.C	3000K	475mm	2755lm	21.8W	22.1	>3000
NX3 385Y.C	3000K	600mm	4347lm	34.3W	22.0	>3000
NX3 481Y.C	4000K	350mm	1683lm	13.1W	22.5	>3000
NX3 483Y.C	4000K	475mm	2905lm	21.8W	22.3	>3000
NX3 485Y.C	4000K	600mm	4586lm	34.3W	22.2	>3000

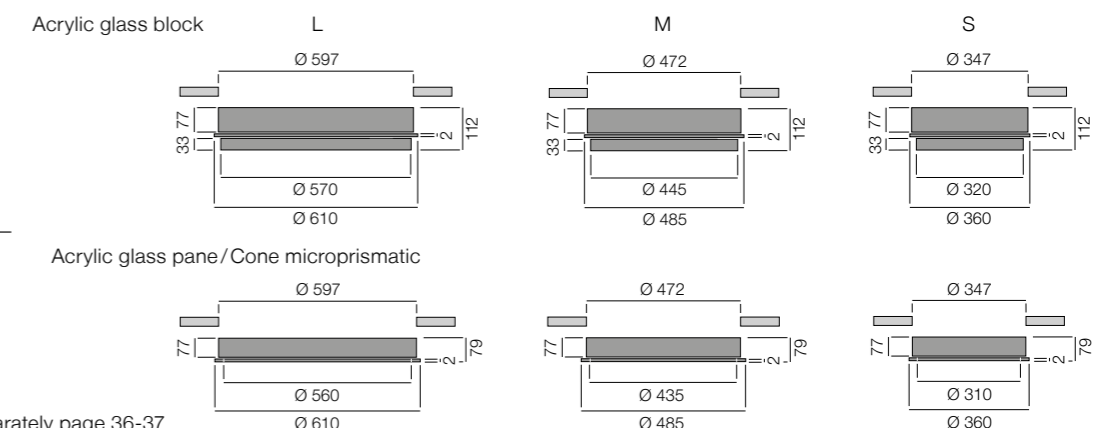
<b>Optic Cone microprismatic (CDP)</b>						
NX2 381Y.C	3000K	350mm	1473lm	13.1W	18.0	<3000
NX2 383Y.C	3000K	475mm	2542lm	21.8W	17.9	<3000
NX2 385Y.C	3000K	600mm	4012lm	34.3W	17.7	<3000
NX2 481Y.C	4000K	350mm	1553lm	13.1W	18.2	<3000
NX2 483Y.C	4000K	475mm	2681lm	21.8W	18.0	<3000
NX2 485Y.C	4000K	600mm	4232lm	34.3W	17.9	<3000

<b>Optic Acrylic glass block</b>						
NX1 381Y.C	3000K	350mm	1444lm	13.1W	20.5	>3000
NX1 383Y.C	3000K	475mm	2492lm	21.8W	20.6	>3000
NX1 385Y.C	3000K	600mm	3933lm	34.3W	20.6	>3000
NX1 481Y.C	4000K	350mm	1522lm	13.1W	20.7	>3000
NX1 483Y.C	4000K	475mm	2628lm	21.8W	20.7	>3000
NX1 485Y.C	4000K	600mm	4149lm	34.3W	20.8	>3000

## DESIGN OPTIONS

<b>Downlight X</b>	
N3* ****.C	Without Downlight
N4* ****.C	With Downlight 2700K, CRI≥95 at 2 SDCM, 799lm, FWHM 26° 12.2W

<b>Activation Y</b>	
N** ***1.C	On/Off
N** ***6.C	DALI



Order mounting accessories separately page 36-37





# HiLight RECESSED LUMINAIRE HIGH-OUTPUT

Round luminaire body with or without downlight, in the installation versions: surface-mounted or recessed ceiling installation with continuous edge made of aluminium.

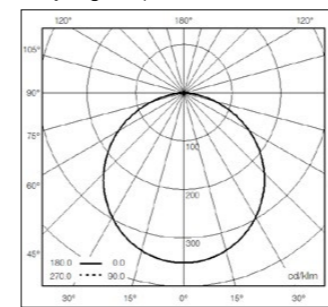
One-part outer housing with sharp-edged closing edge, aluminium ground, chemically matted and transparently anodised, can be installed on the ceiling fitting without any need for tools. Finish in the variants: pane of acrylic glass, acrylic glass block or conical microstructured prism (CDP) for applications suitable for computer screens in compliance with DIN EN12464-1 (in the case of the low-output setting without a downlight).

Ceiling fitting made of aluminium, powder-coated in white (RAL9016) with two openings for feed-through wiring. Pre-installed operating device with printed circuit board for the low-output or high-output setting options incl. plug-in connector for printed circuit board connection. Plug-in terminal and strain relief on the primary side. Internal wiring halogen-free.

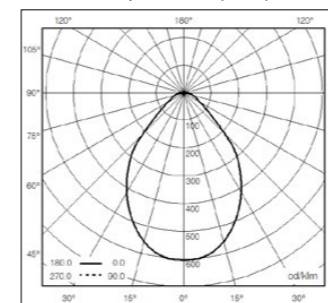
Replaceable LED circuit board with plug-in connector. CRI ≥80 (CRI ≥90 on request) 3 SDCM initial. 3000K or 4000K. Optional downlight 2700K CRI ≥95 at 2 SDCM.



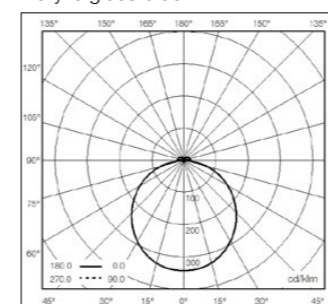
Acrylic glass pane



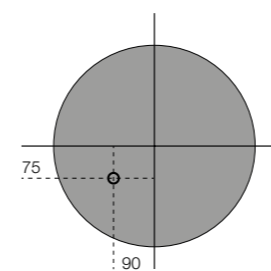
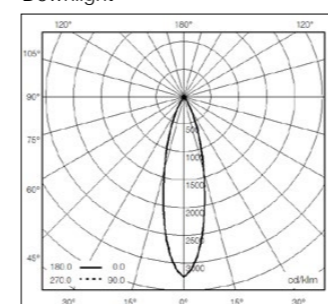
Cone microprismatic (CDP)



Acrylic glass block



Downlight



## DESIGNS

Item no.	CCT	DM	Ng	P	UGR	cd/cm <sup>2</sup>
<b>Optic acrylic glass pane</b>						
NX3 381Y.C	3000K	350mm	2100lm	17.3W	23.2	>3000
NX3 383Y.C	3000K	475mm	3500lm	27.9W	23.0	>3000
NX3 385Y.C	3000K	600mm	5561lm	44.8W	22.9	>3000
NX3 481Y.C	4000K	350mm	2213lm	17.3W	23.4	>3000
NX3 483Y.C	4000K	475mm	3688lm	27.9W	23.1	>3000
NX3 485Y.C	4000K	600mm	5859lm	44.8W	23.0	>3000

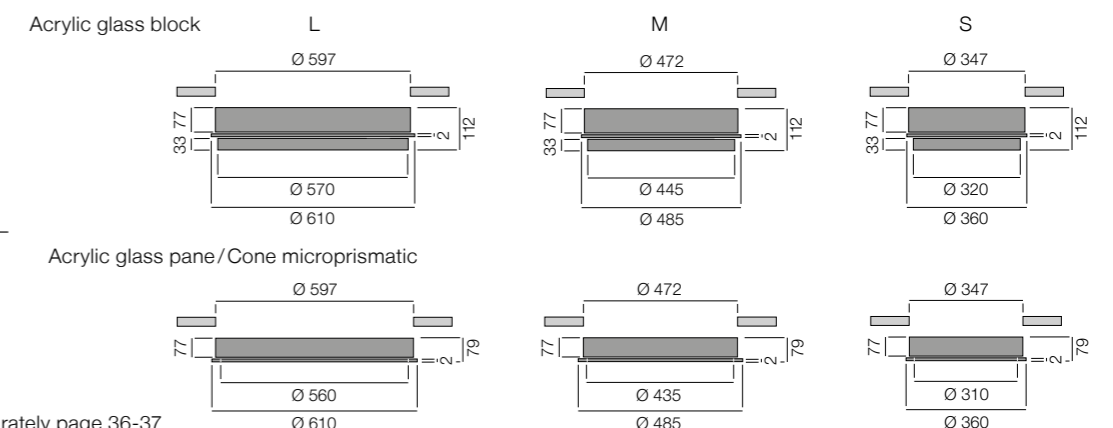
<b>Optic Cone microprismatic (CDP)</b>						
NX2 381Y.C	3000K	350mm	1938lm	17.3W	19.0	>3000
NX2 383Y.C	3000K	475mm	3230lm	27.9W	18.7	>3000
NX2 385Y.C	3000K	600mm	5132lm	44.8W	18.6	>3000
NX2 481Y.C	4000K	350mm	2042lm	17.3W	19.1	>3000
NX2 483Y.C	4000K	475mm	3403lm	27.9W	18.9	>3000
NX2 485Y.C	4000K	600mm	5407lm	44.8W	18.8	>3000

<b>Optic Acrylic glass block</b>						
NX1 381Y.C	3000K	350mm	1900lm	17.3W	21.4	>3000
NX1 383Y.C	3000K	475mm	3166lm	27.9W	21.4	>3000
NX1 385Y.C	3000K	600mm	5031lm	44.8W	21.5	>3000
NX1 481Y.C	4000K	350mm	2002lm	17.3W	21.6	>3000
NX1 483Y.C	4000K	475mm	3336lm	27.9W	21.6	>3000
NX1 485Y.C	4000K	600mm	5300lm	44.8W	21.7	>3000

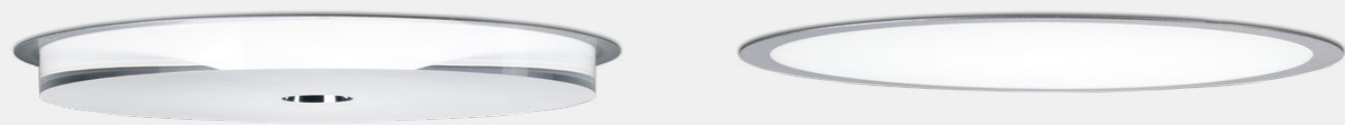
## DESIGN OPTIONS

<b>Downlight X</b>	
N7* ****.C	Without Downlight
N8* ****.C	With Downlight 2700K, CRI≥95 at 2 SDCM, 799lm, FWHM 26° 12.2W

<b>Activation Y</b>	
N** ***1.C	On/Off
N** ***6.C	DALI



Order mounting accessories separately page 36-37



# HiLight RECESSED LUMINAIRE TUNABLE WHITE

Round luminaire body with or without downlight, in the installation versions: surface-mounted or recessed ceiling installation with continuous edge made of aluminium.

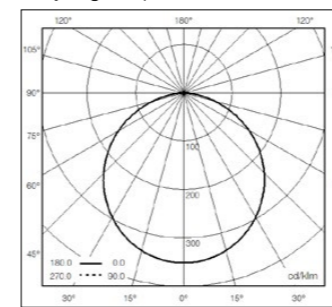
One-part outer housing with sharp-edged closing edge, aluminium ground, chemically matted and transparently anodised, can be installed on the ceiling fitting without any need for tools. Finish in the variants: pane of acrylic glass, acrylic glass block or conical microstructured prism (CDP) for applications suitable for computer screens in compliance with DIN EN12464-1 (in the case of the low-output setting without a downlight).

Ceiling fitting made of aluminium, powder-coated in white (RAL 9016) with two openings for feed-through wiring. Pre-installed DALI DT8 operating device incl. plug-in connector for printed circuit board connection. Plug-in terminal and strain relief on the primary side. Internal wiring halogen-free.

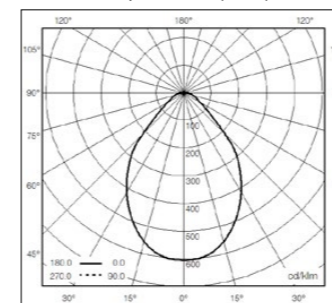
Replaceable LED circuit board with plug-in connector. CRI ≥80 (CRI ≥90 on request) SDCM initial. Colour temperature 2700K–6500K. Optional downlight 2700K CRI ≥95 at 2 SDCM.



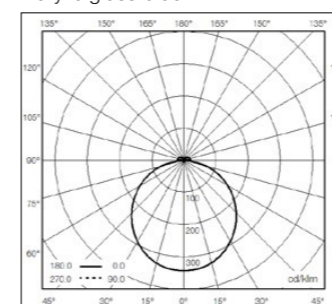
Acrylic glass pane



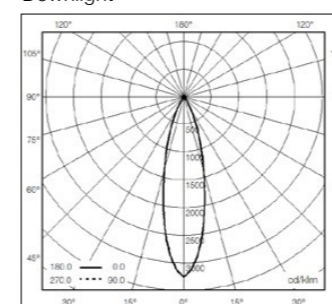
Cone microprismatic (CDP)



Acrylic glass block



Downlight



## DESIGNS

Item no.	CCT	DM	Ng	P	UGR	cd/cm <sup>2</sup>
<b>Optic acrylic glass pane</b>						
NX3 883Y.C	2700K–6500K	475 mm	2905 lm	24.4W – 21.8W	22.3	>3000
NX3 885Y.C	2700K–6500K	600 mm	4586 lm	38.4W – 34.3W	22.2	>3000
<b>Optic Cone microprismatic (CDP)</b>						
NX2 883Y.C	2700K–6500K	475 mm	2681 lm	24.4W – 21.8W	18.0	<3000
NX2 885Y.C	2700K–6500K	600 mm	4232 lm	38.4W – 34.3W	17.9	<3000
<b>Optic Acrylic glass block</b>						
NX1 883Y.C	2700K–6500K	475 mm	2628 lm	24.4W – 21.8W	20.7	>3000
NX1 885Y.C	2700K–6500K	600 mm	4149 lm	38.4W – 34.3W	20.8	>3000

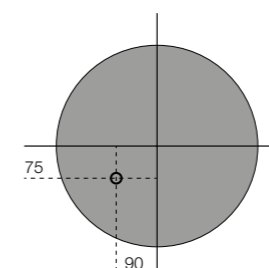
## DESIGN OPTIONS

### Downlight X

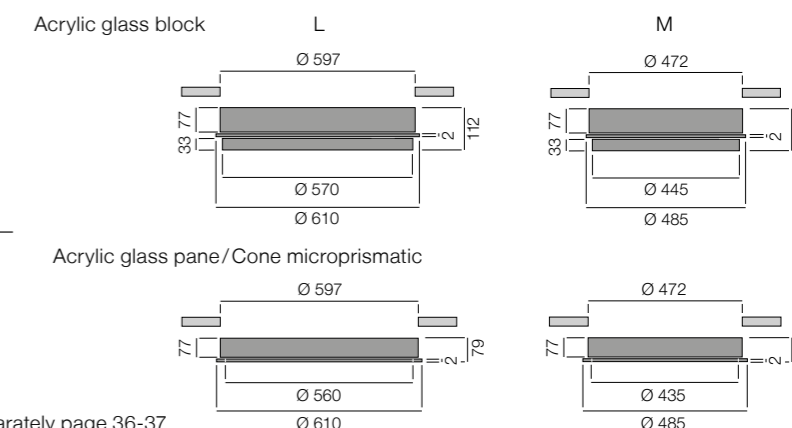
N3* ****.C	Without Downlight
N4* ****.C	With Downlight 2700K, CRI ≥95 at 2 SDCM, 799lm, FWHM 26° 12.2W

### Activation Y

N** ****1.C	On/Off
N** ****6.C	DALI



Order mounting accessories separately page 36-37



# ACCESSORIES



## PENDANT TUBE FOR SURFACE-MOUNTED LUMINAIRE

Ceiling canopy round sharp-edged, 119x32 mm aluminium anodised.  
Pendant tube  $\varnothing$  34 mm, aluminium profile anodised. Length 100–1820 mm.

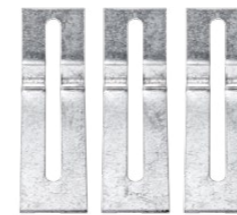
On request



## SUSPENSION CABLE KIT

3x cable holder for screwing into luminaire insert. Steel cables for fixture to the raw ceiling, allowing for height adjustment of the luminaire and reducing load on suspended ceilings.

E90 0050

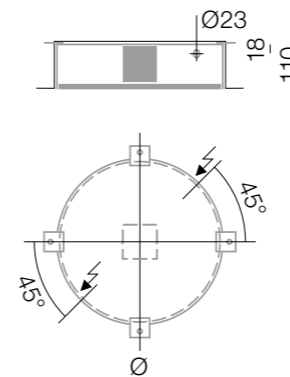


## MOUNTING BRACKET KIT FOR RECESSED LUMINAIRE

For ceiling thicknesses 1–15 mm and 15–28 mm.

N90 0071.C For ceiling thicknesses 1–15 mm

N90 0072.C For ceiling thicknesses 15–28 mm



## CONCRETE-HOUSING FOR RECESSED LUMINAIRE

Casing made in RAL7043 powder-coated sheet steel with securing tabs, 2 cable insertion openings and separate positioning and stabilisation insert.

N90 0030 small  $\varnothing$  350 mm

N90 0040 medium  $\varnothing$  475 mm

N90 0060 large  $\varnothing$  600 mm

# GENERAL INFORMATION

## GENERAL INFORMATION

We reserve the right to make technical and design changes to our products owing to new technical developments. The images and descriptions reflect the products as they were when this luminaire brochure went to print. Errors are reserved. We would be happy to provide you with current documents upon request.

The colours and surfaces of our products are supplied in accordance with the product descriptions. Unless otherwise mentioned, these colours are as follows:

White	(similar to RAL 9016)
Black	(similar to RAL 9005)
Silver	(similar to RAL 9006)
Silver/bronze 3115	(similar to Euras C-31)


All dimensions are given in millimetres.

Where available, the photometric data can be found in the corresponding light distribution curves.

## SYMBOLS AND ACRONYMS

-  Products comply with European Union Directives
- IP20** Protection against the ingress of solid foreign bodies measuring more than 12 mm in diameter
-  Only for use indoors
-  Luminaires in protective class I – with protective earth terminal
-  Halogen free internal wiring
- LED** LED lamps can be replaced at the factory
- 0 Hz SAFETY** DC operation possible, product suitable for emergency power (see operating device label)
- EN 12464** Meets the requirements for office workspaces in accordance with the relevant standard

## LIGHT TECHNOLOGY

- $\Phi$  Ng [lm] Total net luminous flux
- CCT Colour temperature (in Kelvin)
- CRI Colour rendering index  
Example:  
≥80 (82)  
 Measured value  
Minimum value
- UGR glare rating (unified glare rating)  
X=4H, Y=8H, S=0.25H  
Reflectances 70/50/20  
Reference values in accordance with EN12464-1

## LEGAL NOTICE

Alteme Licht AG  
Gysulastrasse 21  
CH-5000 Aarau

Issue: March 2019

