

BÄRO

Retail
Lighting



IC LUMINAIRE SERIES

Ontero
Intara
Pendiro

Fresh, healthy, ecological, energy-efficient – our lifestyles and standards are changing. The range of products on offer is becoming more complex, guidance and trust more important. We are constantly searching for new types of lighting technology and are consistently developing new presentation options. For our customers. And our customers' customers.

Fresh Light *for* Fresh Products.

Ontero Intara Pendiro

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Design at its best
- P. 08 **Ontero IC**
Perfectly shaped lighting tool
- P. 10 **Intara IC**
Flexible fixed point
- P. 12 **Pendiro IC**
Distinctive look
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BÄRO light colours and luminous fluxes
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Product numbers: luminaires, drivers, accessories
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Your lighting partner. Right from the start.
Publishing details



ICO 2
NIC 0
AWA 1
RDS 7

**INTERIOR
INNOVATION**

selection

IC luminaire series

DESIGN AT ITS BEST

The Pendiro IC suspended luminaire was a winner of the “ICONIC AWARDS 2017” in the category “Interior Innovation - Selection”. This was a further reason to continue the timeless design of the luminaire in the form of a series.

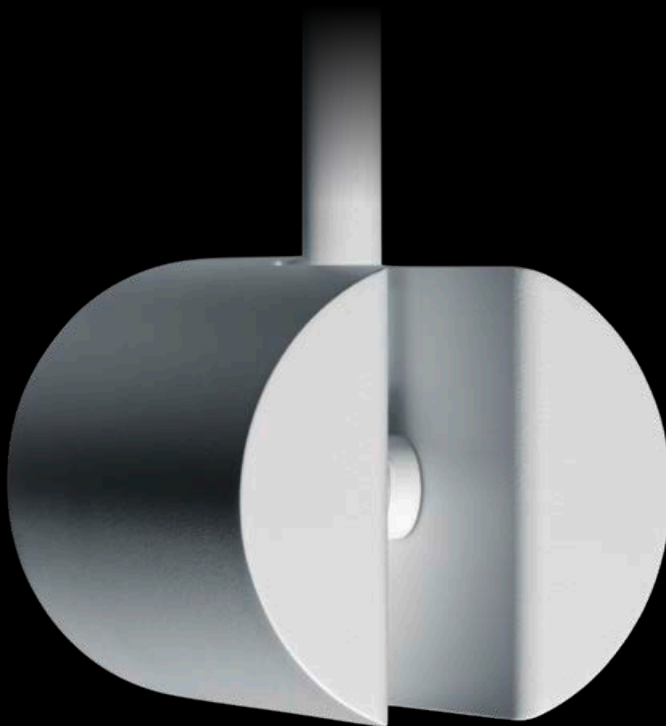
The deliberately different shape as a simple cylinder is an expression of design as a core value. The recess reminiscent of a halfpipe is a characteristic feature.

Track-mounted spotlights, semi-recessed and suspended luminaires with an elegant design language, varied light characteristics and excellent lighting qualities offer unlimited design freedom.

UNUSUAL AND ELEGANT

The IC luminaire series is a statement of timeless aesthetics, formal precision and maximum flexibility.

It combines high light and product quality with a special range of LED light colours and the demands on creative lighting concepts that showcase retail and display areas.



OPTIMAL FOCUS

The position of the joint in the middle of the luminaire head centres the weight of the luminaire below the track.



4 WATTAGES

15 W (400mA) . 23 W (600mA) .
34 W (850mA) . 41 W (1,050mA)

11 LIGHT COLOURS

927 . 830 . 835 . 840 .
PearlWhite . BeColor .
BeCool . GoldenBread* . Sun* .
SpecialMeat* . Fish&Seafood
* exclusive product-specific
special light colours

6 BEAM ANGLES

NarrowSpot 10° . Spot 20° .
Medium 25° . Flood 44° .
OvalBasic 60° x 40° .
WallBeam



EFFICIENCIES

Luminaire luminous fluxes: up to 4,880 lm
Luminous efficacy: up to 147 lm/W

CONTROL

Constant current . DALI (Intara and Pendirol) .
Potentiometer (Intara) . Casambi on request

INDIVIDUAL

Various colour combinations, RAL and NCS
colours, galvanised surfaces . With metallic
surfaces the usable power is reduced to max. 23 W.



Honeycomb louver



OvalBeam lens

ACCESSORIES

Honeycomb louver (for NarrowSpot,
Spot and Medium reflector)
OvalBeam lens (for Spot and Medium
reflector, the luminaire luminous flux
is reduced by approx. 25 %)

Ontero IC

PERFECTLY SHAPED LIGHTING TOOL

The new in-track adapter integrates drivers and smart lighting technologies, reducing the design to the lighting head. The dimension of the arm allows the elegant body to come into its own.



INVISIBLE DRIVER TECHNOLOGY

The driver box is hidden in the track as part of the adapter.

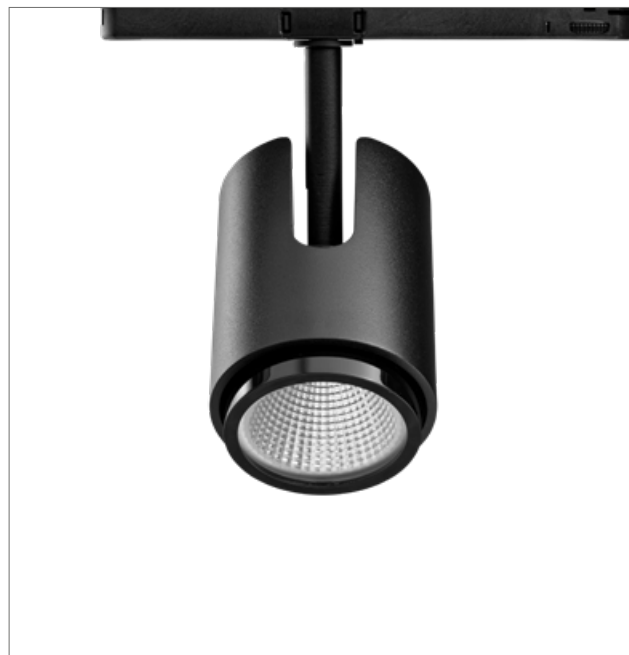
SMART-LIGHTING-TECHNOLOGY

A Casambi version is available on request for wireless lighting control via Bluetooth Low Energy (BLE).

Ontero IC

Surface-mounted luminaire

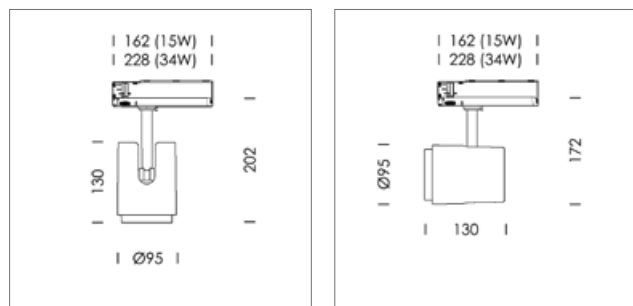
COLOUR CODE	927	830	835	840
Luminaire luminous flux [lm]	2,990	3,860	3,900	4,000
System wattage [W]	34	34	34	34
COLOUR SPECTRUM	PearlWhite		BeColor	
Luminaire luminous flux [lm]	3,180		2,700	
System wattage [W]	34		34	
COLOUR SPECTRUM	BeCool			
Luminaire luminous flux [lm]	2,770			
System wattage [W]	34			
COLOUR SPECTRUM	GoldenBread	Sun		
Luminaire luminous flux [lm]	3,080	2,010		
System wattage [W]	34	34		
COLOUR SPECTRUM	Fish&Seafood	SpecialMeat		
Luminaire luminous flux [lm]	2,070	1,750		
System wattage [W]	34	34		



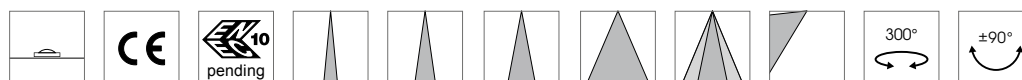
ONTERO IC WITH MEDIUM REFLECTOR

- Available wattages: 15 W, 23 W, 34 W (41 W from 4th quarter 2019), Casambi on request
- The maximum available system power and the resulting luminaire luminous fluxes for the reflector Medium 25° are stated.
- For metallic surfaces the usable power is reduced to max. 23 W.
- All data are typical values. The luminaire luminous flux figures vary in a tolerance range of ± 10 %.

Surface-mounted luminaire with LEDs, rated lamp lifetime of the LEDs L80/B10 > 50,000h, chromaticity point tolerance 2 SDCM (initial), 3 SDCM (initial) for SpecialMeat, Fish&Seafood, GoldenBread, Sun, LED hybrid technology, (reflector-lens combination for NarrowSpot, Spot, Medium, OvalBasic), 3D silicone lens to reduce the proportion of scattered light, reflector 99.99 % pure aluminium in MIRO-Silver®, exchangeable reflector unit in high-shine black plastic, glass cover, luminaire pivoted and adjustable, luminaire head and arm die-cast aluminium, luminaire colour strato black, silver, white, powder-coated, in-track adapter incl. driver black, white plastic, camera-compatible driver unit, protection rating IP 20, protection class II, weight 1.1 kg



System features may change with product improvements due to technical advances. Further information and light distribution curves can be found from page 22 onwards.



Intara IC

FLEXIBLE FIXED POINT

With its concave ceiling fitting, the Intara IC luminaire is perfectly integrated in the room. Ceiling mounting, connecting arm and luminaire head with a distinctive, award-winning design form a harmonious unit.

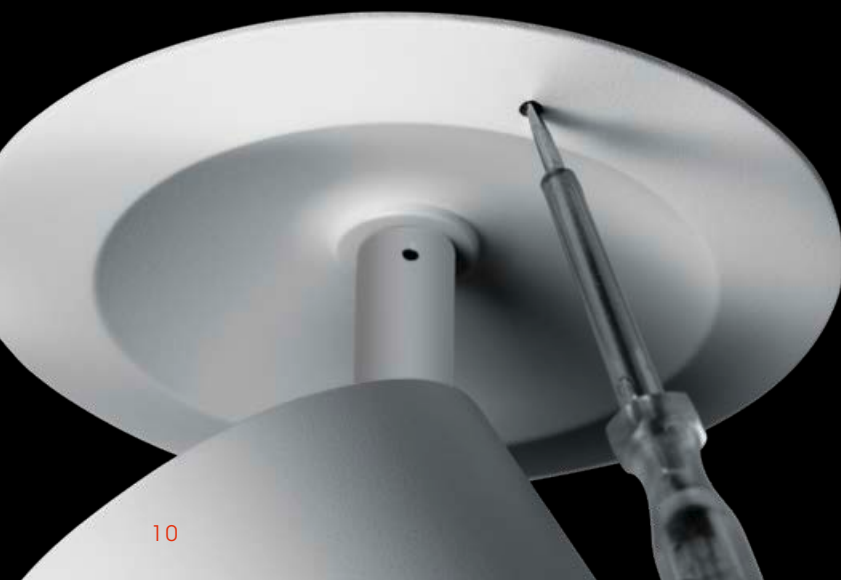
All lighting options offered by the IC series can be used for effective, flexible and efficient illumination of surfaces.

BRIGHTNESS ADJUSTMENT

A potentiometer on the ceiling fitting enables simple dimming of the luminaire.

CUSTOMISABLE

The option of customising the length of the arm opens up further application possibilities.



Intara IC

Semi-recessed luminaire

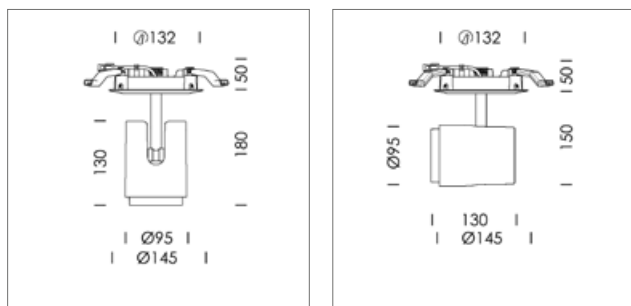
COLOUR CODE	927	830	835	840
Luminaire luminous flux [lm]	2,990	3,860	3,990	4,000
System wattage [W]	34	34	34	34
COLOUR SPECTRUM	PearlWhite		BeColor	
Luminaire luminous flux [lm]	3,180		2,700	
System wattage [W]	34		34	
COLOUR SPECTRUM	BeCool			
Luminaire luminous flux [lm]	2,770			
System wattage [W]	34			
COLOUR SPECTRUM	GoldenBread	Sun		
Luminaire luminous flux [lm]	3,080	2,010		
System wattage [W]	34	34		
COLOUR SPECTRUM	Fish&Seafood	SpecialMeat		
Luminaire luminous flux [lm]	2,070	1,750		
System wattage [W]	34	34		



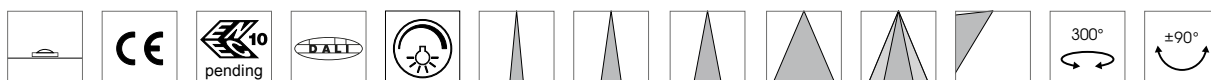
INTARA IC WITH MEDIUM REFLECTOR

- Available wattages: 15 W, 23 W, 34 W constant current/DALI 100 % - 1 %, 41 W (POTI 100 % - 12 %, from 4th quarter 2019)
- The maximum available system power and the resulting luminaire luminous fluxes for the reflector Medium 25° are stated.
- For metallic surfaces the usable power is reduced to max. 23 W.
- All data are typical values. The luminaire luminous flux figures vary in a tolerance range of ± 10 %.

Semi-recessed luminaire with LEDs, rated lamp lifetime of the LEDs L80/B10 > 50,000h, chromaticity point tolerance 2 SDCM (initial), 3 SDCM (initial) for SpecialMeat, Fish&Seafood, GoldenBread, Sun, LED hybrid technology, (reflector-lens combination for NarrowSpot, Spot, Medium, OvalBasic), 3D silicone lens to reduce the proportion of scattered light, reflector 99.99% pure aluminium in MIRO-Silver®, exchangeable reflector unit in high-shine black plastic, glass cover, luminaire head, arm and ceiling fitting die-cast aluminium, luminaire colour strato black, silver, white, powder-coated, pivoted and adjustable, separate driver unit, protection rating IP20, protection class I, weight 1.2 kg



System features may change with product improvements due to technical advances. Further information and light distribution curves can be found from page 22 onwards.



Pendiro IC

DISTINCTIVE LOOK

Pendiro IC suspended luminaire is a symbiosis of “ambient luminescence” and “play of brilliants”, to use the terms coined by American lighting designer Richard Kelly. The outstanding design is a decorative element that makes its mark on the surroundings. The design surprises, appears light and is the first choice for numerous interior and lighting designers.

FREELY SELECTABLE

Recessed, surface-mounted and track-mounted canopies allow flexible use of the luminaires, regardless of the spatial situation.

DELICATE SUSPENSION CABLE

A characteristic features is the elegant suspension on two insulated live steel cables.



Pendiro IC

Suspended luminaire

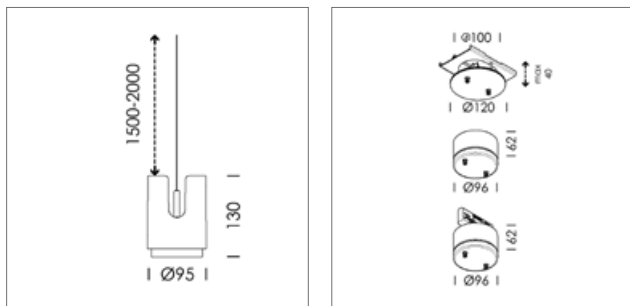
COLOUR CODE	927	830	835	840
Luminaire luminous flux [lm]	2,250	2,900	2,930	3,000
System wattage [W]	23	23	23	23
COLOUR SPECTRUM	PearlWhite		BeColor	
Luminaire luminous flux [lm]	2,400		1,990	
System wattage [W]	23		23	
COLOUR SPECTRUM	BeCool			
Luminaire luminous flux [lm]	2,050			
System wattage [W]	23			
COLOUR SPECTRUM	GoldenBread	Sun		
Luminaire luminous flux [lm]	2,300	1,520		
System wattage [W]	23	23		
COLOUR SPECTRUM	Fish&Seafood	SpecialMeat		
Luminaire luminous flux [lm]	1,560	1,320		
System wattage [W]	23	23		



PENDIRO IC WITH MEDIUM REFLECTOR

- Available wattages: 15 W/23 W (constant current/DALI 100% -1% for recessed, DALI 100% -7% for surface-/ track-mounted)
- The maximum available system power and the resulting luminaire luminous fluxes for the reflector Medium 25° are stated.
- All data are typical values. The luminaire luminous flux figures vary in a tolerance range of ± 10%.

Suspended luminaire with LEDs, rated lamp lifetime of the LEDs L80/B10 > 50,000h, chromaticity point tolerance 2 SDCM (initial), 3 SDCM (initial) for SpecialMeat, Fish&Seafood, GoldenBread, Sun, LED hybrid technology, (reflector-lens combination for NarrowSpot, Medium, OvalBasic), 3D silicone lens to reduce the proportion of scattered light, reflector 99.99% pure aluminium in MIRO-Silver®, exchangeable reflector unit in high-shine black plastic, glass cover, luminaire head die-cast aluminium, luminaire colour strato black, silver, white, powder-coated, attachment variants: surface-mounted canopy, track-mounted canopy (integrated driver unit), recessed canopy (separate driver unit), camera-compatible driver unit, power supply via suspension cables, protection rating IP 20, protection class I / III (depending on attachment variant), weight 2.2 kg



System features may change with product improvements due to technical advances. Further information and light distribution curves can be found from page 22 onwards.



Customised design

BÄRO INDIVIDUAL



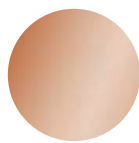
With BÄRO Individual any colour from the RAL or NCS range can be selected as a paint finish for our luminaires – an option that is of interest to both brand architects and designers of exclusive and unique interiors.



The design options are expanded even further with metallic surfaces such as chrome, copper or gold. BÄRO luminaires can be adapted to suit individual wishes, architectural styles or surrounding materials. The implementation of a corporate design is also a simple matter.*



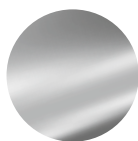
Gold
glossy



Copper
glossy



Copper
burnished



Chrome
glossy

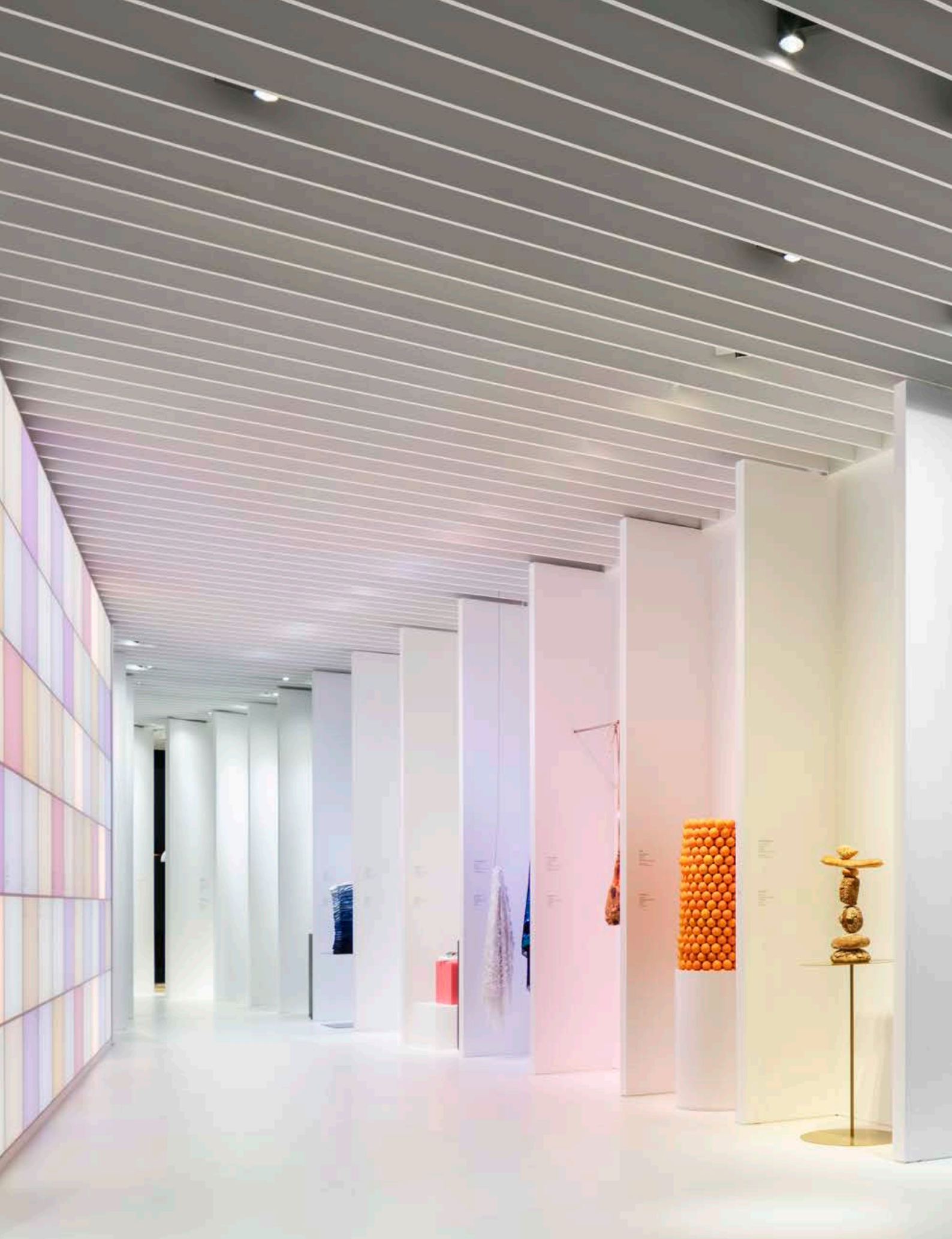


Nickel
matt



Nickel
velour

* For metallic surfaces the usable power is reduced to max. 23 W.



EuroShop 2017
Presentation of different special light colours

We believe that there is a difference between lighting and light. And that light has the power to touch people, to inspire them and to activate them. With this conviction – and decades of experience – we develop unique BÄRO special light colours.

This means that there is not one light for everything. But precisely the right light for every individual requirement – so that every product is shown in the best light.

BÄRO. The Colour *of* Light.

In the right light

SPECIAL LIGHT COLOURS

Light that optimises the natural colours of products is one of the most effective, but also one of the most sophisticated tools of retail lighting. Thanks to decades of experience, BÄRO has the corresponding products, technologies and the necessary expertise.

Light creates an atmosphere – and it supports the sales-promoting presentation of all kinds of products. From fresh food-stuffs to non-food products, fashion and leisure goods – lighting with a coordinated spectral composition can render the colour, material and surface properties of products in a way that showcases them and makes the best possible impression on customers. Successful sales-promoting lighting therefore deliberately engages with expectations and visual habits – and evokes positive associations.

For example, you see a ripe red apple in the fruit display. Its colour impression depends on several factors at this moment: an artificial light source illuminates the apple with white light with a certain spectral composition, which rarely corresponds to the continuous spectrum of sunlight. On the other hand the surface of the apple absorbs part of this light spectrum while reflecting other components of the light. These catch

the eye, where sensory cells measure the blue, green and red components of the light and convey them to the visual centre of the brain: ultimately, a subjective colour impression is created.

As not the whole spectrum, but only three selective colour bands are measured and processed by the brain, the “metamerism” phenomenon occurs: light with a different composition can produce the same colour impression for the viewer – and body colours that looked the same under certain lighting may differ greatly under different light.

For product illumination this means: if artificial light spectrums can be technically influenced, the perception of certain colour shades typical to products can be changed in a surprisingly wide range. Depending on the lighting, the red of the apple can appear warmer or cooler, more or less saturated. The art of product lighting that optimises the products’ own colours is

to use light spectrums tailored to different applications. BÄRO has been a trailblazer in this art for many years.

As far back as 50 years ago BÄRO used PAR lamps with special coatings and later high-pressure discharge lamps with special glass filters holding back defined spectral components for one of the most popular applications for light optimising natural colours: the illumination of fresh meat and cold cuts. This “SpecialMeat” light optimised the red and pink colours of the products so that they were shown to much better advantage than under the simple fluorescent lamps that were standard at that time.

Even this pioneering application shows that lighting that optimises the inherent colours of products is always a balancing act: on the one hand retailers and customers want an inviting product presentation, but on the other hand this must never cross the line into falsifying or masking

OVERVIEW OF THE AVAILABLE LIGHT COLOURS



- Standard light colours with neutral colour rendering
- Special light colours with higher colour saturation
- Special light colours with an application-specific colour spectrum

The selection of the right light colour is always a balance between maximum efficiency and optimum product presentation.

“LED technology offers numerous starting points for defining light spectrums.”

the products – a question of sensitivity and experience which BÄRO has acquired over many years.

Lamps and filters are now largely a thing of the past – BÄRO now exclusively develops LED luminaires and also has methods for using this technology to produce light spectrums that optimise the natural colours of products. The prerequisites for this are good, as LED technology offers numerous starting points for defining light spectrums. Standard white LEDs always initially produce blue light that is partly converted into other wavelengths through a phosphor coating. The mix creates white light. The choice of semi-conductor materials, the composition of the phosphors and, if applicable, the combination with coloured LEDs result in customised spectrums.

BÄRO works closely with technology partners to offer its customers an extensive range of standard and special light colours tailored to individual needs. At BÄRO, the standard light colours are the white tones

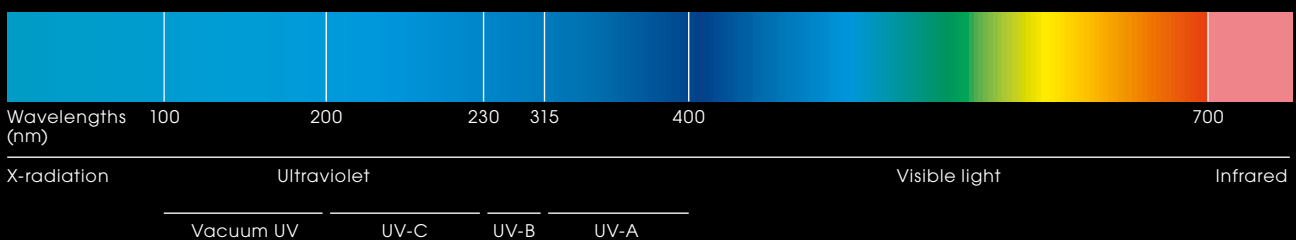
that are oriented to the “Planck curve” and are described with standard specification of the light colour number or the colour temperature in Kelvin. Here BÄRO already offers a wider range than usual, from warm white (2,700 K) to 3,000 K and 3,500 K and neutral white (4,000 K). Customers can choose between excellent colour rendering quality with $R(a) > 90$ or slightly higher luminous efficacy yet still with good colour rendering quality $R(a) > 80$ as a particularly efficient solution in non-critical applications.

In addition to these standard light colours there are special light colours: LED modules where the spectrums and chromaticity points are not oriented to the Planck curve. They cannot be defined with standard specification of the colour temperature and colour rendering index, but rather by their respective practical

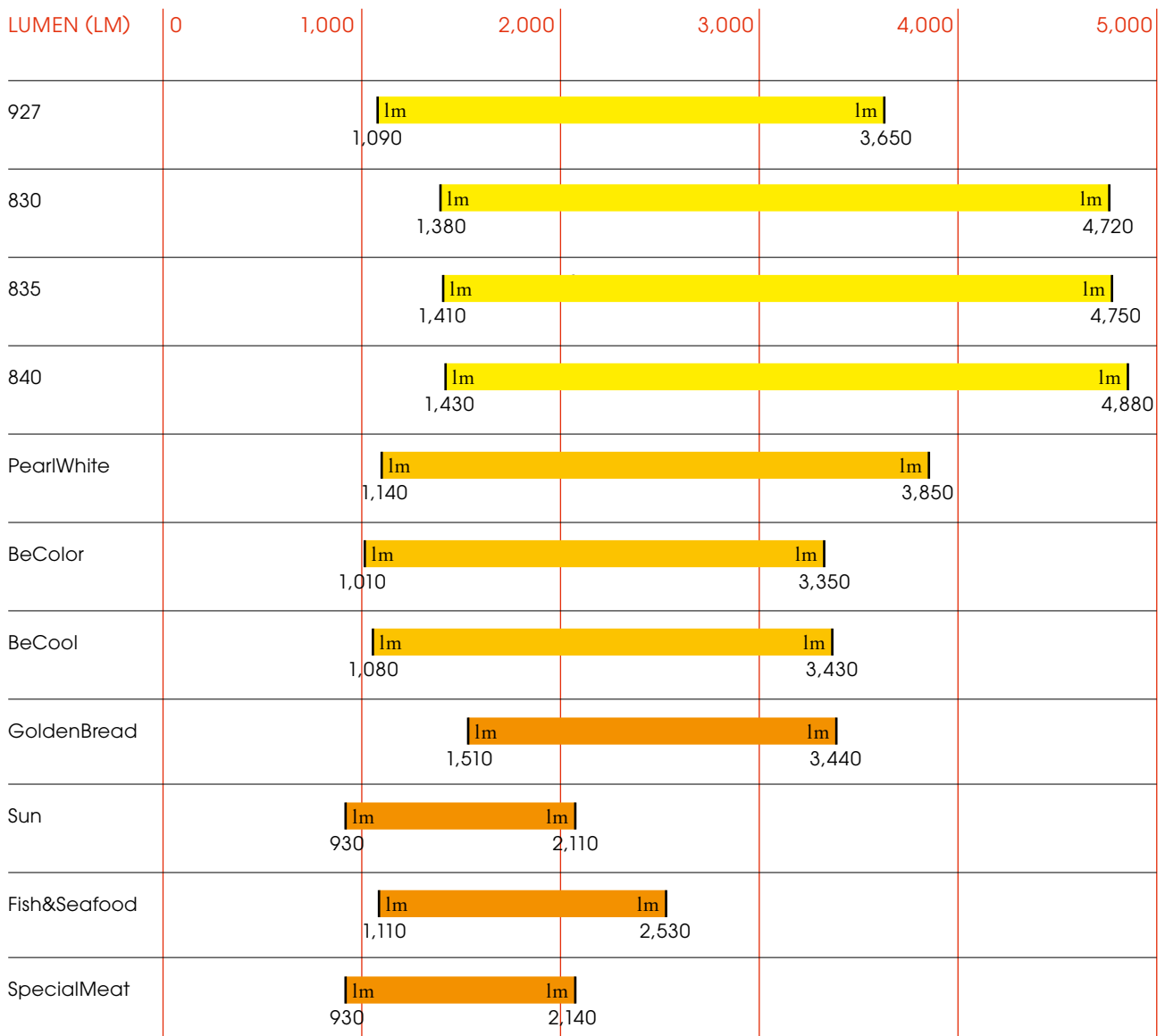
application. In addition to well-proven classics such as “SpecialMeat” for meat and cold cuts and “Sun” for fruit and vegetables, BÄRO is constantly researching new special light colours that take account of current technologies and market needs.

The light spectrum

Visible light is the small portion of electromagnetic radiation that the human eye is able to see without technical aids.



OVERVIEW OF LUMINAIRE LUMINOUS FLUXES



When used with an OvalBeam lens, the luminaire luminous flux is reduced by approx. 25%.

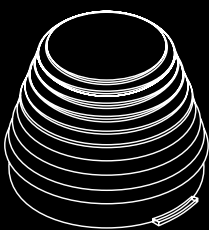
IC lighting technology

UNPARALLELED QUALITY



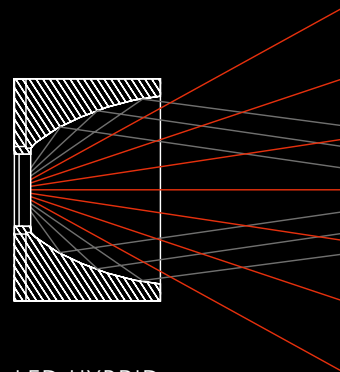
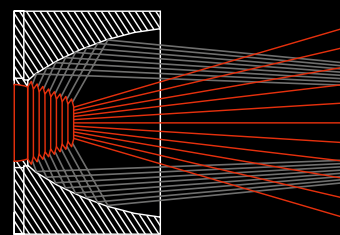
Highly efficient LED hybrid optics from BÄRO combine the advantages of reflectors and lens systems and produce a particularly balanced contrast between the focal point and the corona of the light cone.

LED hybrid technology with a special 3D silicone lens on the LED module ensures that less light is directly emitted and more light reaches the target surface in a controlled manner via the reflector facets. The innovative silicone lens material combines excellent optical properties with high durability and precision.



ADVANTAGES OF THE BÄRO SILICONE LENS:

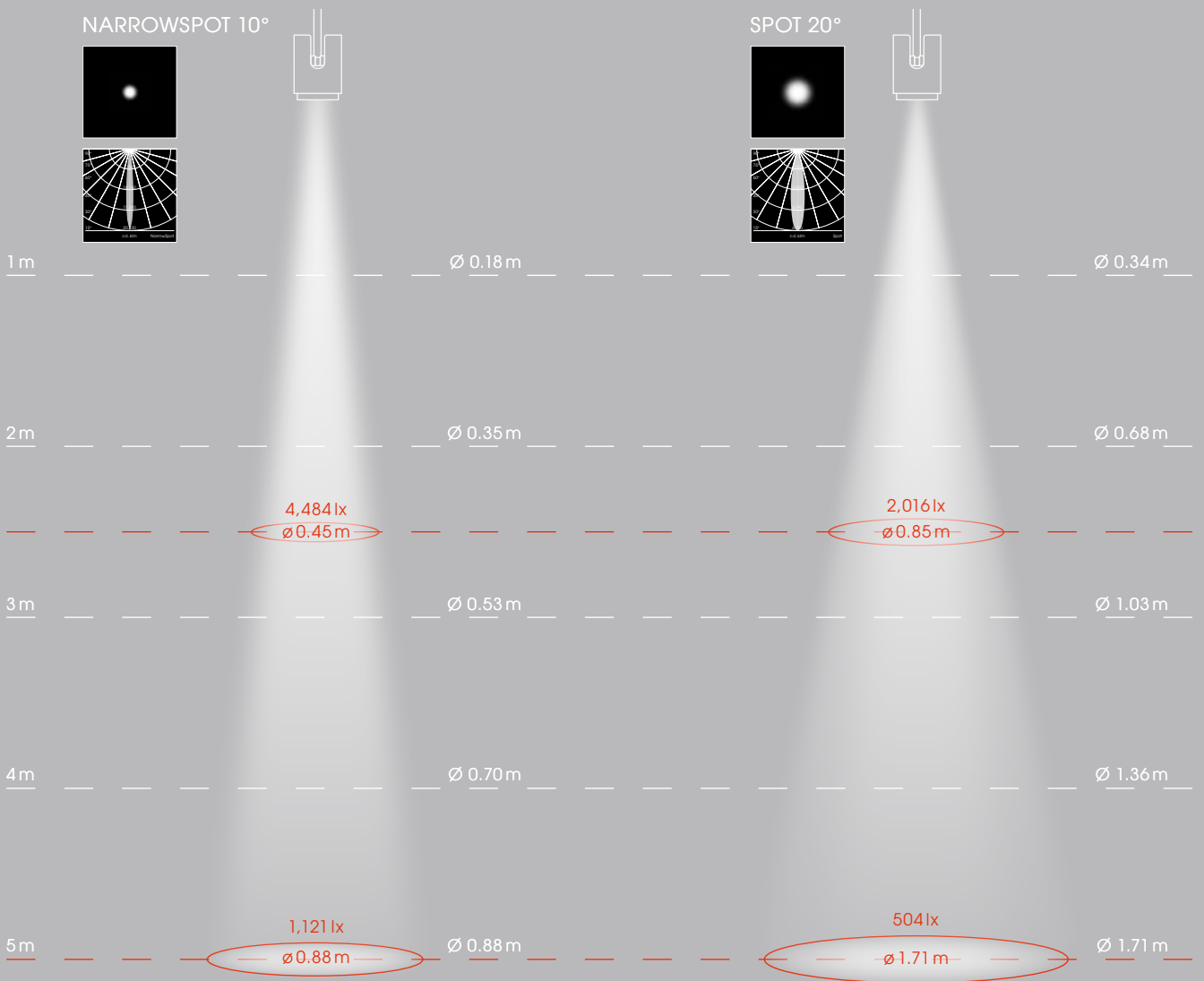
- Form retaining and temperature resistant > 150°
- Resistant to ageing in visible and UV light
- Very high transmittance over the whole visible spectrum
- Extremely high optical quality thanks to precisely moulded structures
- Flexible and therefore particularly mechanically robust



LED HYBRID TECHNOLOGY
 Comparison of light cone with (top) and without (bottom) silicone lens

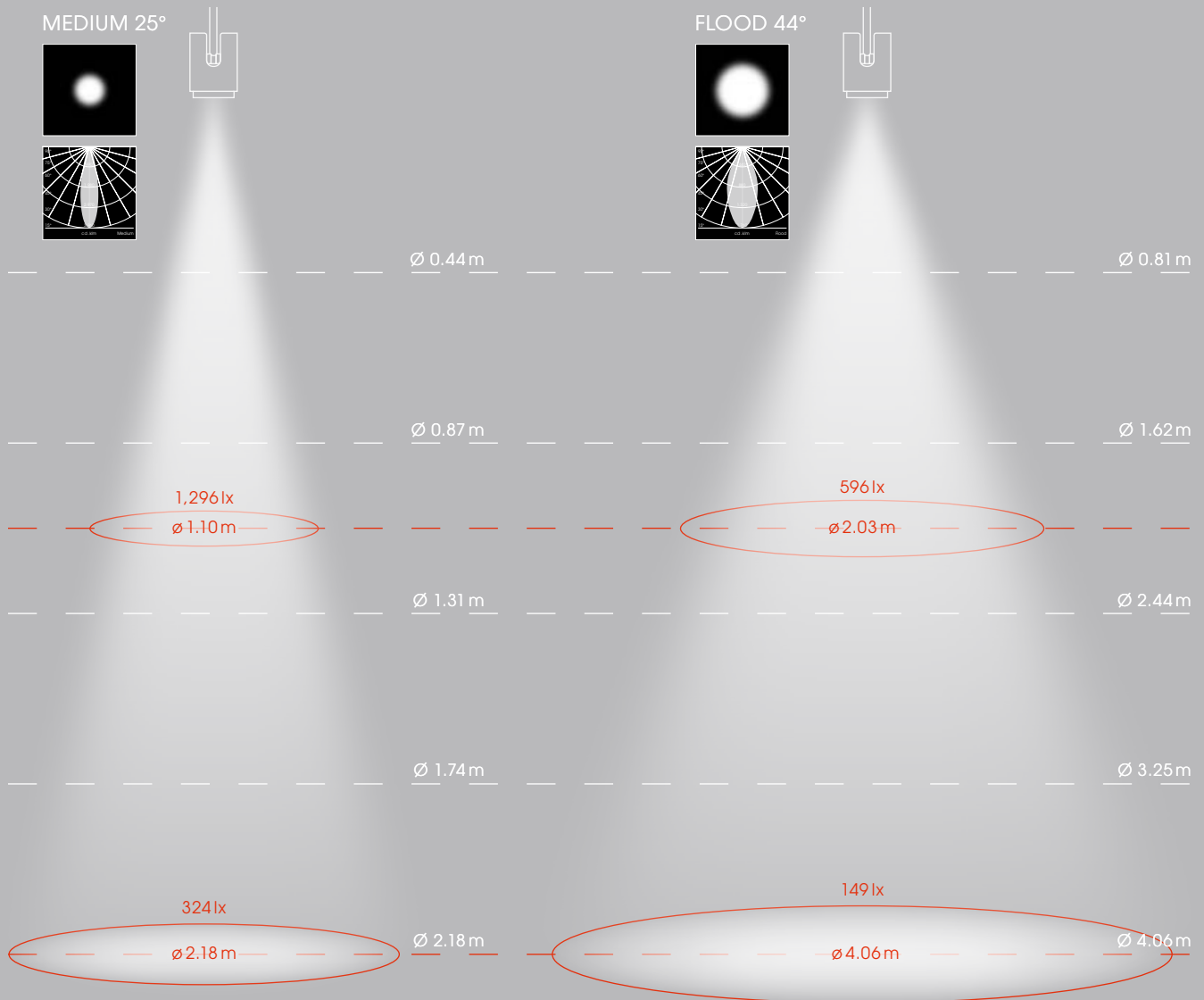
Beam characteristics

Example of the how the beam angle and the illuminance change.



The beam angle defines the diameter of the light cone. A narrow, symmetrical beam angle (10°) bundles the light so strongly that surfaces are brightly illuminated, even from greater distances.

With a rotation-symmetrical reflector the diameter of the light cone increases proportionally with the distance, while the illuminance decreases with the square of the distance.



The wider the beam angles are (20°, 25°, 44°), the greater the illuminated surface, but with decreasing illuminance.

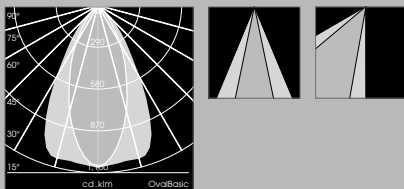
Special light distribution

Examples of horizontal and vertical light channelling

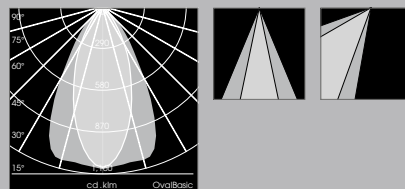
OVALBASIC REFLECTOR

OvalBasic reflectors are ideal for homogeneous illumination of long product displays from a normal room height with simultaneous illumination of vertical surfaces. With regular arrangement and rotated by 90°, in addition to illuminating narrow elements they can also be used for the even illumination of wall surfaces.

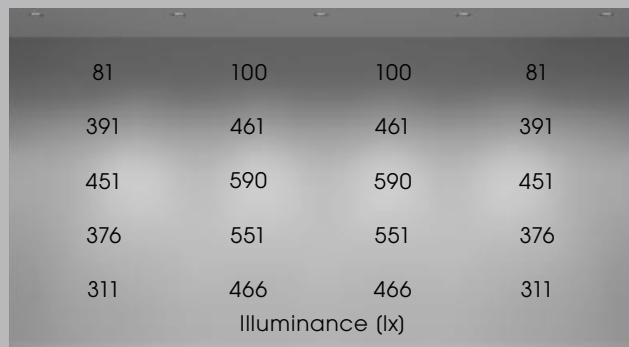
40° × 60°



60° × 40°

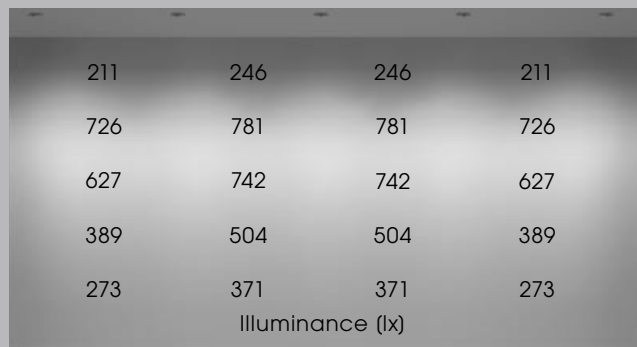


Number of luminaires	5
Distance to illuminated surface [m]	1.00
Distance between luminaires [m]	1.25
Mounting height [m]	3.00



835 . 34W . 3,900lm . 115lm/W

The example shows the light distribution and illuminances on the wall when the reflector is aligned horizontally and the luminaire is pivoted by 15°.



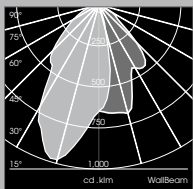
835 . 34W . 3,900lm . 115lm/W

The example shows the light distribution and illuminances on the wall when the reflector is aligned vertically and the luminaire is pivoted by 15°.

The luminaire luminous flux figures vary in a tolerance range of ±10%. Please refer to our data sheets at ww.baero.com, for further technical details on the individual products. All data are typical values. System features may change with product improvements due to technical advances. Errors excepted.

WALLBEAM REFLECTOR

WallBeam reflectors are characterised by their asymmetrical light distribution pattern with a focal point in the centre. Their special beam characteristics make them ideal for the broad and yet powerful and accentuated illumination of room dividing elements with motifs, objects etc. in front of them.

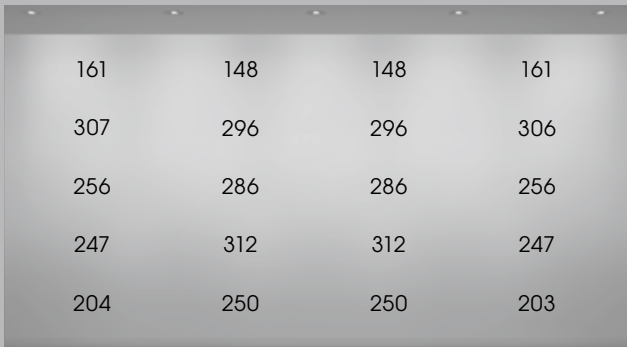


COLOUR CODE

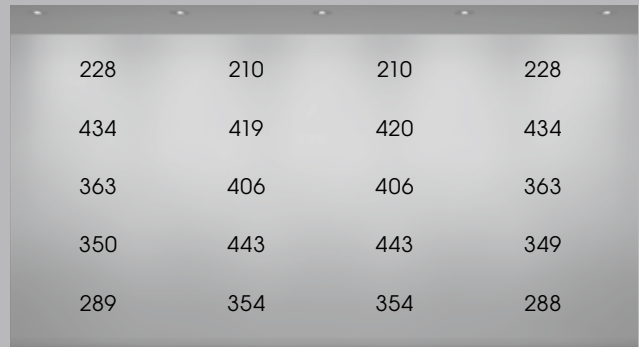
	927	830	835	840
System wattage [W] 15	1,620	2,090	2,110	2,160
23	2,290	2,960	2,990	3,060
34	3,050	3,940	3,570	4,070
41	3,590	4,640	4,680	4,800

Luminaire luminous flux (lm)

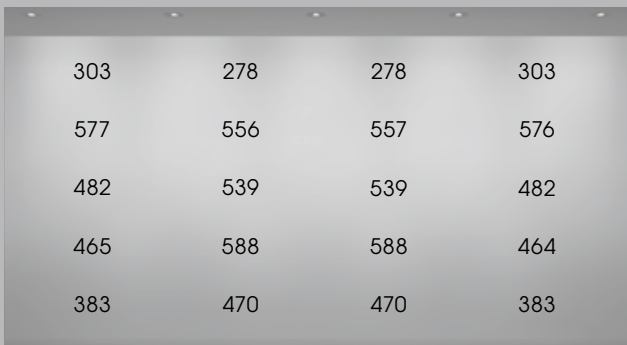
Number of luminaires	5
Distance to illuminated surface [m]	1.00
Distance between luminaires [m]	1.25
Mounting height [m]	3.00



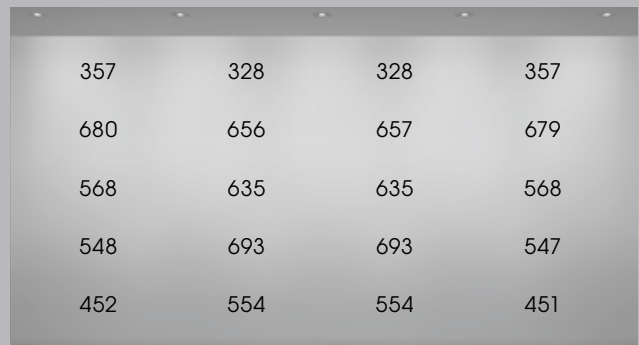
835 . 15W . 2,110lm . 141 lm / W



835 . 23W . 2,990lm . 130 lm / W



835 . 34W . 3,970lm . 117 lm / W



835 . 41W . 4,680lm . 114 lm / W

The luminaire luminous flux figures vary in a tolerance range of ±10%. Please refer to our data sheets at ww.baero.com. for further technical details on the individual products. All data are typical values. System features may change with product improvements due to technical advances. Errors excepted.

927

Colour code

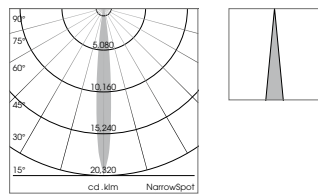
The warm white LED spectrum of the standard light colour is ideal for illuminating goods and product types with warm colours and for creating a harmonious atmosphere. The very good colour rendering gives the surfaces a high-quality appearance and even the smallest colour nuances are clearly apparent.

REFLECTORS

WATTAGES

15W 23W 34W 41W

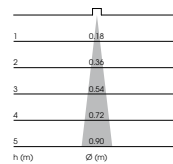
NARROWSPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

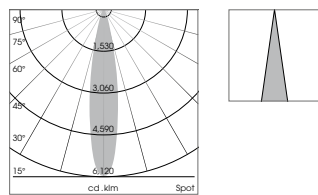
1,090 - - -
73 - - -

Illuminance [lx]



1	0.18	22,136	-	-	-
2	0.35	5,534	-	-	-
3	0.54	2,460	-	-	-
4	0.72	1,383	-	-	-
5	0.90	885	-	-	-

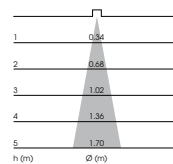
SPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

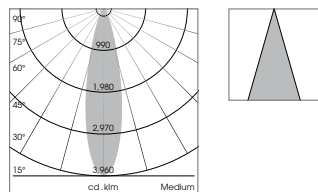
1,600 2,270 3,020 3,560
107 99 89 87

Illuminance [lx]



1	0.34	9,735	13,812	18,376	21,661
2	0.68	2,434	3,453	4,594	5,415
3	1.02	1,082	1,535	2,042	2,407
4	1.36	608	863	1,148	1,354
5	1.70	389	552	735	866

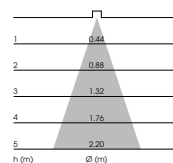
MEDIUM



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

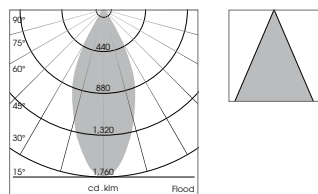
1,590 2,250 2,990 3,530
106 98 88 86

Illuminance [lx]



1	0.44	6,290	8,901	11,829	13,965
2	0.88	1,573	2,225	2,957	3,491
3	1.32	699	989	1,314	1,552
4	1.76	393	556	739	873
5	2.20	252	356	473	559

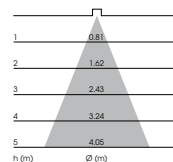
FLOOD



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

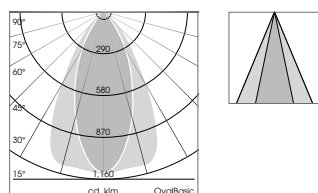
1,640 2,330 3,100 3,650
109 101 91 89

Illuminance [lx]



1	0.81	2,886	4,100	5,455	6,423
2	1.62	721	1,025	1,364	1,606
3	2.43	321	456	606	714
4	3.24	180	256	341	401
5	4.05	115	164	218	257

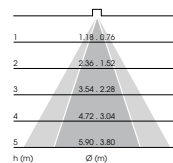
OVALBASIC



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

1,590 2,250 2,990 3,530
106 98 88 86

Illuminance [lx]



1	1.18, 0.76	1,795	2,540	3,375	3,984
2	2.36, 1.52	449	635	844	996
3	3.54, 2.28	199	282	375	443
4	4.72, 3.04	112	159	211	249
5	5.90, 3.80	72	102	135	159

For more technical details about the individual luminaires, please see our datasheets available at www.baero.com. The luminaire luminous flux figures vary in a tolerance range of ± 10%. All data are typical values. System features may change if product improvements are made due to technical advances. Errors excepted.

830

Colour code

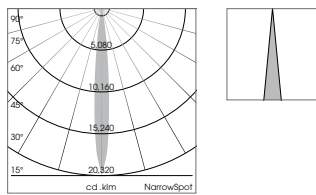
The warm white LED spectrum of the standard light colour is primarily used for efficient lighting when consistent good colour rendering of the colours is desired for all objects being illuminated.

REFLECTORS

WATTAGES

15W 23W 34W 41W

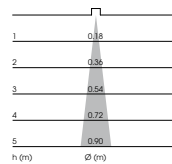
NARROWSPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

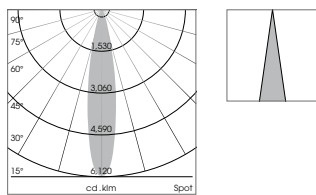
1,380 - - -
92 - - -

Illuminance [lx]



1	0.18	28,025	-	-	-
2	0.36	7,006	-	-	-
3	0.54	3,114	-	-	-
4	0.72	1,752	-	-	-
5	0.90	1,121	-	-	-

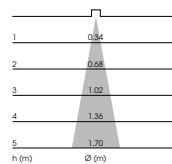
SPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

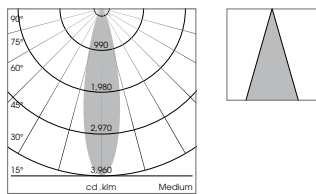
2,070 2,930 3,900 4,600
138 127 115 112

Illuminance [lx]



1	0.34	12,595	17,828	23,730	27,989
2	0.68	3,149	4,457	5,932	6,997
3	1.02	1,399	1,981	2,637	3,110
4	1.36	787	1,114	1,483	1,749
5	1.70	504	713	949	1,120

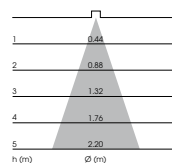
MEDIUM



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

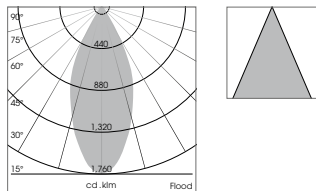
2,050 2,900 3,860 4,550
137 126 114 111

Illuminance [lx]



1	0.44	8,110	11,473	15,271	18,001
2	0.88	2,028	2,868	3,818	4,500
3	1.32	901	1,275	1,697	2,000
4	1.76	507	717	954	1,125
5	2.20	324	459	611	720

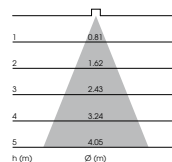
FLOOD



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

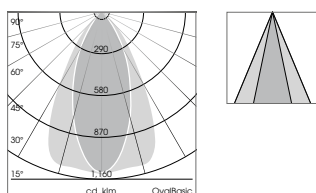
2,120 3,010 4,000 4,720
141 131 118 115

Illuminance [lx]



1	0.81	3,730	5,296	7,038	8,305
2	1.62	933	1,324	1,760	2,076
3	2.43	414	588	782	923
4	3.24	233	331	440	519
5	4.05	149	212	282	332

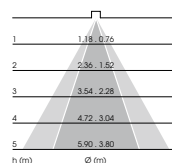
OVALBASIC



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

2,050 2,900 3,860 4,550
137 126 114 111

Illuminance [lx]



1	1.18, 0.76	2,314	3,273	4,357	5,136
2	2.36, 1.52	578	818	1,089	1,284
3	3.54, 2.28	257	364	484	571
4	4.72, 3.04	145	205	272	321
5	5.90, 3.80	93	131	174	205

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835

Colour code

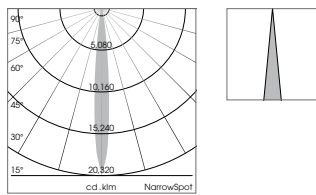
The LED spectrum of the standard light colour is between neutral white and warm white and is suitable for use wherever the aim is to efficiently showcase products with an emphasis on their fresh colours or to create a corresponding spatial atmosphere.

REFLECTORS

WATTAGES

15W 23W 34W 41W

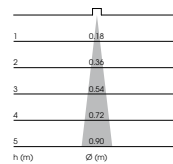
NARROWSPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

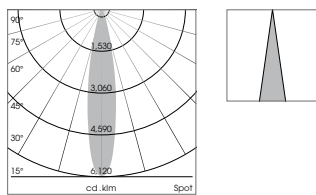
1,410 - - -
94 - - -

Illuminance [lx]



28,634 - - -
7,159 - - -
3,182 - - -
1,790 - - -
1,145 - - -

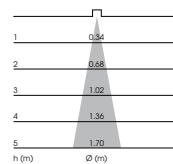
SPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

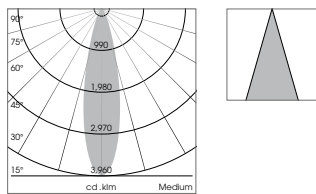
2,100 2,960 3,940 4,640
140 129 116 113

Illuminance [lx]



12,778 18,010 23,973 28,233
3,194 4,503 5,993 7,058
1,420 2,001 2,664 3,137
799 1,126 1,498 1,765
511 720 959 1,129

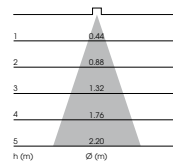
MEDIUM



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

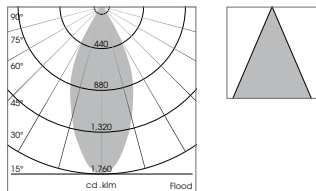
2,070 2,930 3,900 4,590
138 127 115 112

Illuminance [lx]



8,189 11,592 15,429 18,159
2,047 2,898 3,857 4,540
910 1,288 1,714 2,018
512 724 964 1,135
328 464 617 726

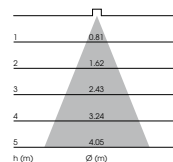
FLOOD



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

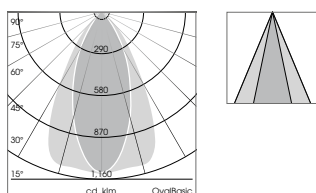
2,150 3,040 4,040 4,750
143 132 119 116

Illuminance [lx]



3,783 5,349 7,109 8,358
946 1,337 1,777 2,090
420 594 790 929
236 334 444 522
151 214 284 334

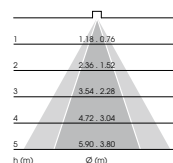
OVALBASIC



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

2,070 2,930 3,900 4,590
138 127 115 112

Illuminance [lx]



2,336 3,307 4,402 5,181
584 827 1,101 1,295
260 367 489 576
146 207 275 324
93 132 176 207

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840

Colour code

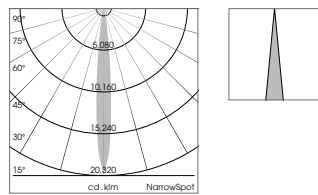
As a standard light colour, the neutral white LED spectrum is suitable for the efficient illumination of clear body colours or to create a cooler spatial impression.

REFLECTORS

WATTAGES

15W 23W 34W 41W

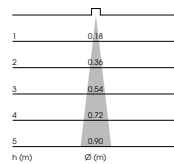
NARROWSPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

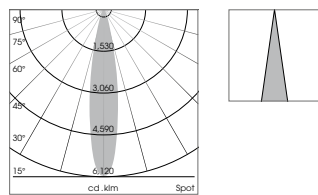
1,430 - - -
95 - - -

Illuminance [lx]



29,040 - - -
7,260 - - -
3,227 - - -
1,815 - - -
1,162 - - -

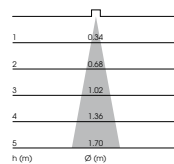
SPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

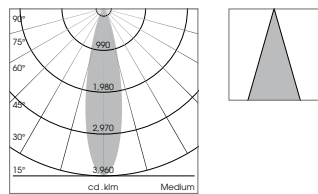
2,140 3,040 4,040 4,760
143 132 119 116

Illuminance [lx]



13,021 18,497 24,582 28,963
3,255 4,624 6,145 7,241
1,447 2,055 2,731 3,218
814 1,156 1,536 1,810
521 740 983 1,159

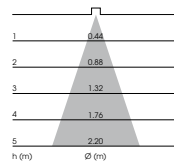
MEDIUM



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

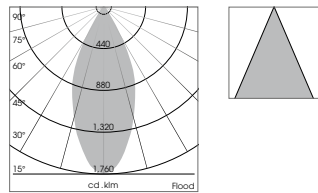
2,120 3,000 4,000 4,710
141 130 118 115

Illuminance [lx]



8,387 11,869 15,825 18,634
2,097 2,967 3,956 4,658
932 1,319 1,758 2,070
524 742 989 1,165
335 475 633 745

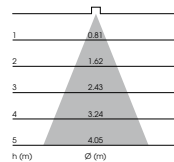
FLOOD



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

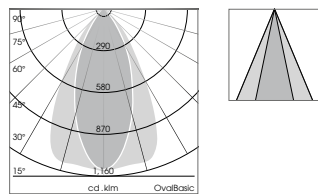
2,200 3,110 4,140 4,880
147 135 122 119

Illuminance [lx]



3,871 5,472 7,285 8,587
968 1,368 1,821 2,147
430 608 809 954
242 342 455 537
155 219 291 343

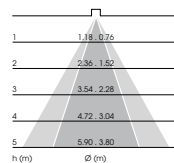
OVALBASIC



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

2,120 3,000 4,000 4,710
141 130 118 115

Illuminance [lx]



2,393 3,386 4,515 5,316
598 847 1,129 1,329
266 376 502 591
150 212 282 332
96 135 181 213

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PearlWhite

Colour spectrum

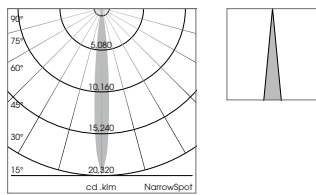
The LED spectrum of the special light colour is below the Planck curve (below black body). It has a colour-intensifying effect and creates an elegant atmosphere in the room. The correlated colour temperature is 3,100 K.

REFLECTORS

WATTAGES

15 W 23 W 34 W 41 W

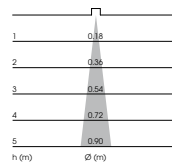
NARROWSPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

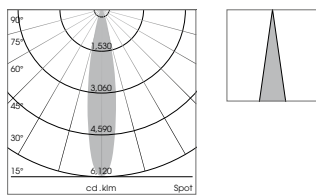
1,140 - - -
76 - - -

Illuminance [lx]



23,151 - - -
5,788 - - -
2,572 - - -
1,447 - - -
926 - - -

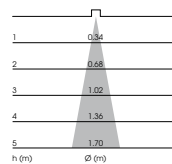
SPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

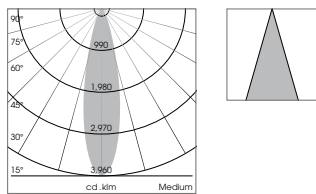
1,710 2,430 3,210 3,760
114 106 94 92

Illuminance [lx]



10,405 14,786 19,532 22,878
2,601 3,696 4,883 5,720
1,156 1,643 2,170 2,542
650 924 1,221 1,430
416 591 781 915

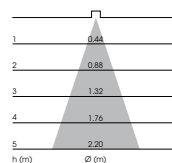
MEDIUM



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

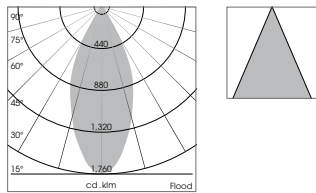
1,690 2,400 3,180 3,720
113 104 94 91

Illuminance [lx]



6,686 9,495 12,581 14,717
1,671 2,374 3,145 3,679
743 1,055 1,398 1,635
418 593 786 920
267 380 503 589

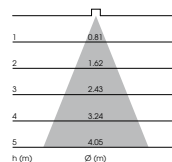
FLOOD



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

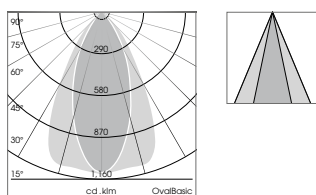
1,760 2,490 3,290 3,850
117 108 97 94

Illuminance [lx]



3,097 4,381 5,789 6,774
774 1,095 1,447 1,694
344 487 643 753
194 274 362 423
124 175 232 271

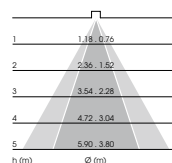
OVALBASIC



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

1,690 2,400 3,180 3,720
113 104 94 91

Illuminance [lx]



1,908 2,709 3,589 4,199
477 677 897 1,050
212 301 399 467
119 169 224 262
76 108 144 168

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BeColor

Colour spectrum

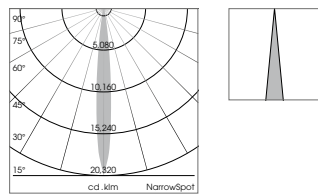
The colour-intensifying LED spectrum of the special light colour is below the Planck curve (below black body). The surfaces appear both rich and brilliant. The correlated colour temperature is 3,500 K.

REFLECTORS

WATTAGES

15W 23W 34W 41W

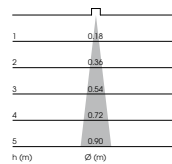
NARROWSPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

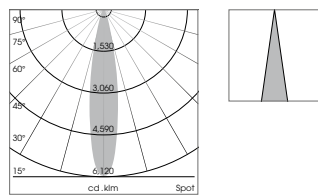
1,010 - - -
67 - - -

Illuminance [lx]



1	0.18	20,511	-	-	-
2	0.36	5,128	-	-	-
3	0.54	2,279	-	-	-
4	0.72	1,282	-	-	-
5	0.90	820	-	-	-

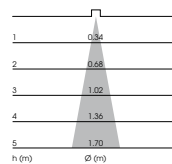
SPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

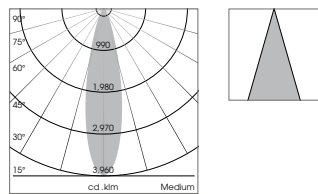
1,400 2,010 2,730 3,270
93 87 80 80

Illuminance [lx]



1	0.34	8,518	12,230	16,611	19,897
2	0.68	2,130	3,058	4,153	4,974
3	1.02	946	1,359	1,846	2,211
4	1.36	532	764	1,038	1,244
5	1.70	341	489	664	796

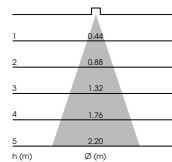
MEDIUM



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

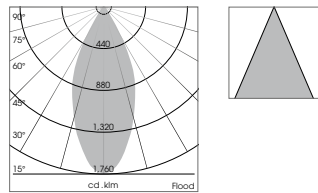
1,380 1,990 2,700 3,230
92 87 79 79

Illuminance [lx]



1	0.44	5,460	7,873	10,682	12,779
2	0.88	1,365	1,968	2,670	3,195
3	1.32	607	875	1,187	1,420
4	1.76	341	492	668	799
5	2.20	218	315	427	511

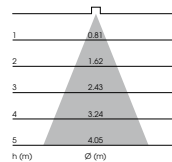
FLOOD



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

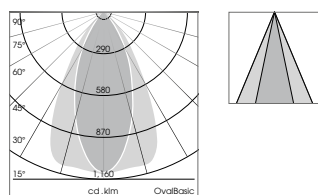
1,430 2,060 2,800 3,350
95 90 82 82

Illuminance [lx]



1	0.81	2,516	3,625	4,927	5,895
2	1.62	629	906	1,232	1,474
3	2.43	280	403	547	655
4	3.24	157	227	308	368
5	4.05	101	145	197	236

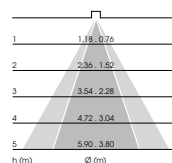
OVALBASIC



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

1,380 1,990 2,700 3,230
92 87 79 79

Illuminance [lx]



1	1.18, 0.76	1,558	2,246	3,048	3,646
2	2.36, 1.52	389	562	762	911
3	3.54, 2.28	173	250	339	405
4	4.72, 3.04	97	140	190	228
5	5.90, 3.80	62	90	122	146

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BeCool

Colour spectrum

BeCool is a special light colour with an LED spectrum below the Planck curve (below black body). The colour-intensified impression of the illuminated surfaces or body colours appears cool and saturated. The correlated colour temperature is 4,000 K.

REFLECTORS

WATTAGES

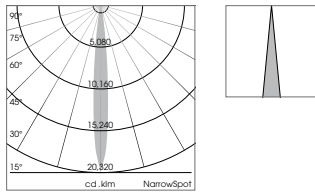
15 W

23 W

34 W

41 W

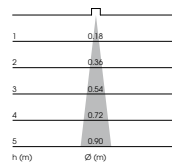
NARROWSPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

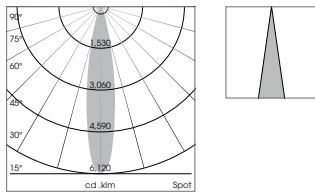
1,080	-	-	-
72	-	-	-

Illuminance [lx]



21,932	-	-	-
5,483	-	-	-
2,437	-	-	-
1,371	-	-	-
877	-	-	-

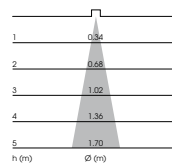
SPOT



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

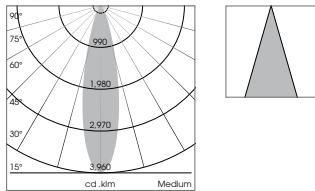
1,430	2,070	2,800	3,350
95	90	82	82

Illuminance [lx]



8,701	12,595	17,037	20,383
2,175	3,149	4,259	5,096
967	1,399	1,893	2,265
544	787	1,065	1,274
348	504	681	815

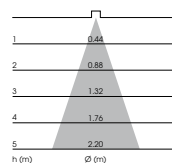
MEDIUM



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

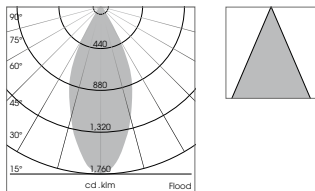
1,420	2,050	2,770	3,320
95	89	81	81

Illuminance [lx]



5,618	8,110	10,959	13,135
1,404	2,028	2,740	3,284
624	901	1,218	1,459
351	507	685	821
225	324	438	525

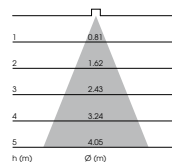
FLOOD



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

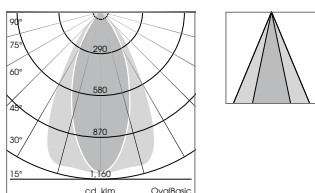
1,470	2,120	2,870	3,430
98	92	84	84

Illuminance [lx]



2,587	3,730	5,050	6,035
647	933	1,263	1,509
287	414	561	671
162	233	316	377
103	149	202	241

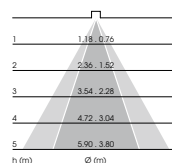
OVALBASIC



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

1,420	2,050	2,770	3,320
95	89	81	81

Illuminance [lx]



1,603	2,314	3,127	3,747
401	578	782	937
178	257	347	416
100	145	195	234
64	93	125	150

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GoldenBread

Colour spectrum

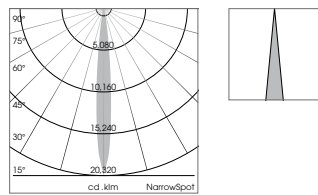
GoldenBread is among the product-specific LED spectrums with a correlated colour temperature of 2,500 K. In particular it produces a saturated rendering of rich golden-brown colours. The spectrum is ideal for illuminating fresh bread and bakery products.

REFLECTORS

WATTAGES

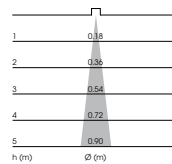
15 W 23 W 34 W 41 W

NARROWSPOT



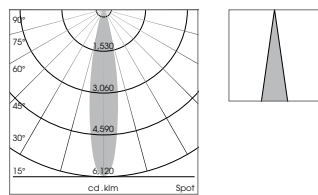
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



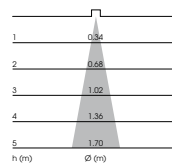
	-	-	-	-
	-	-	-	-
1	0.18	-	-	-
2	0.36	-	-	-
3	0.54	-	-	-
4	0.72	-	-	-
5	0.90	-	-	-

SPOT



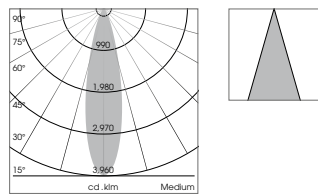
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



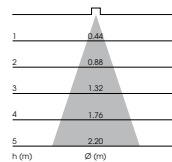
	1,630	2,330	3,110	3,670
	109	101	91	90
1	9,918	14,177	18,923	22,331
2	2,479	3,544	4,731	5,583
3	1,102	1,575	2,103	2,481
4	620	886	1,183	1,396
5	397	567	757	893

MEDIUM



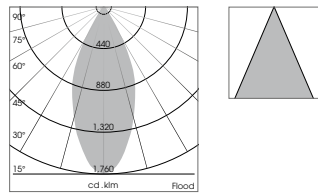
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



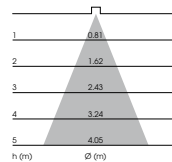
	1,610	2,300	3,080	3,630
	107	100	91	89
1	6,369	9,099	12,185	14,361
2	1,592	2,275	3,046	3,590
3	708	1,011	1,354	1,596
4	398	569	762	898
5	255	364	487	574

FLOOD



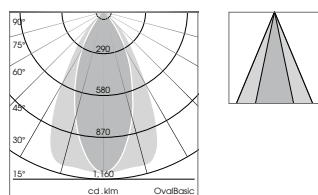
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



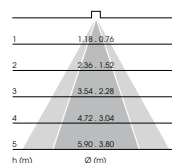
	1,670	2,390	3,190	3,760
	111	104	94	92
1	2,939	4,205	5,613	6,616
2	735	1,051	1,403	1,654
3	327	467	624	735
4	184	263	351	414
5	118	168	225	265

OVALBASIC



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



	1,610	2,300	3,080	3,630
	107	100	91	92
1	1,817	2,596	3,477	6,616
2	454	649	869	1,654
3	202	288	386	735
4	114	162	217	414
5	73	104	139	265

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Sun

Colour spectrum

Sun intensifies all warm colours. The LED spectrum of the special light colour is both colour saturating and product specific, and its optimal application is the illumination of fresh fruit and vegetables or in comparable non-food sectors. The correlated colour temperature is 2,400 K.

REFLECTORS

WATTAGES

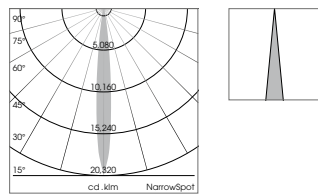
15 W

23 W

34 W

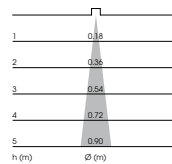
41 W

NARROWSPOT



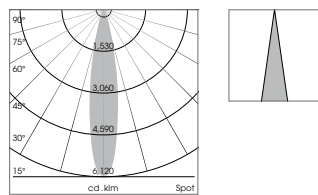
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



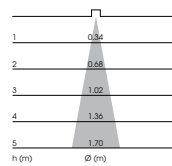
	15 W	23 W	34 W	41 W
Luminaire luminous flux [lm]	-	-	-	-
Luminous efficacy [lm/W]	-	-	-	-
Illuminance [lx]	-	-	-	-

SPOT



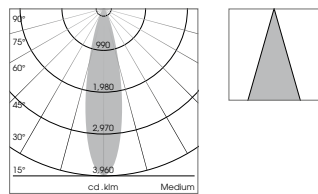
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



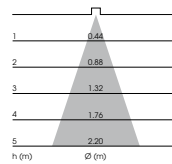
	15 W	23 W	34 W	41 W
Luminaire luminous flux [lm]	1,080	1,540	2,040	2,390
Luminous efficacy [lm/W]	72	67	60	58
Illuminance [lx]				

MEDIUM



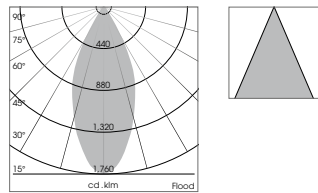
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



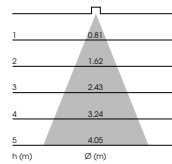
	15 W	23 W	34 W	41 W
Luminaire luminous flux [lm]	1,070	1,520	2,010	2,360
Luminous efficacy [lm/W]	71	66	59	58
Illuminance [lx]				

FLOOD



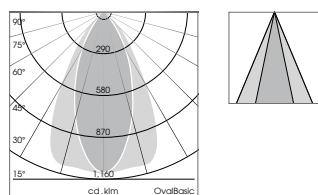
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



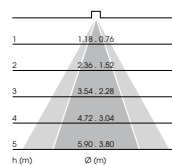
	15 W	23 W	34 W	41 W
Luminaire luminous flux [lm]	1,110	1,580	2,090	2,440
Luminous efficacy [lm/W]	74	69	61	60
Illuminance [lx]				

OVALBASIC



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



	15 W	23 W	34 W	41 W
Luminaire luminous flux [lm]	1,070	1,520	2,010	2,360
Luminous efficacy [lm/W]	71	66	59	58
Illuminance [lx]				

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Fish&Seafood

Colour spectrum

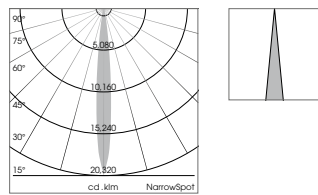
Fish&Seafood is among the product-specific LED spectrums with a correlated colour temperature of 4,020 K. The chromaticity point is specially coordinated to the presentation of seafood. Due to the high red component, this special light colour is also suited to the illumination of fresh meat and cold cuts.

REFLECTORS

WATTAGES

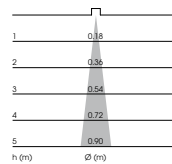
15 W 23 W 34 W 41 W

NARROWSPOT



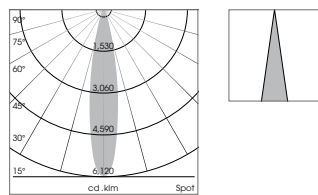
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



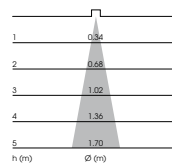
	-	-	-	-
	-	-	-	-
1	0.18	-	-	-
2	0.36	-	-	-
3	0.54	-	-	-
4	0.72	-	-	-
5	0.90	-	-	-

SPOT



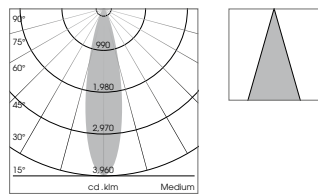
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



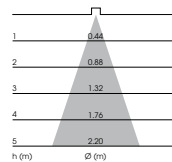
	1,110	1,570	2,090	2,470
	74	68	61	60
1	6,754	9,553	12,717	15,029
2	1,688	2,388	3,179	3,757
3	750	1,061	1,413	1,670
4	422	597	795	939
5	270	382	509	601

MEDIUM



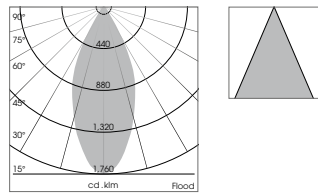
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



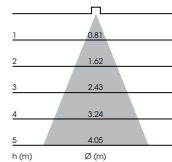
	1,100	1,560	2,070	2,440
	73	68	61	60
1	4,352	6,172	8,189	9,653
2	1,088	1,543	2,047	2,413
3	484	686	910	1,073
4	272	386	512	603
5	174	247	328	386

FLOOD



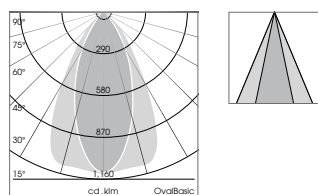
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



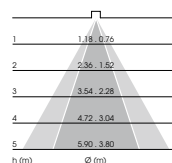
	1,140	1,610	2,140	2,530
	76	70	63	62
1	2,006	2,833	3,766	4,452
2	501	708	941	1,113
3	223	315	418	495
4	125	177	235	278
5	80	113	151	178

OVALBASIC



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



	1,100	1,560	2,070	2,440
	73	68	61	60
1	1,242	1,761	2,336	2,754
2	310	440	584	689
3	138	196	260	306
4	78	110	146	172
5	50	70	93	110

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SpecialMeat

Colour spectrum

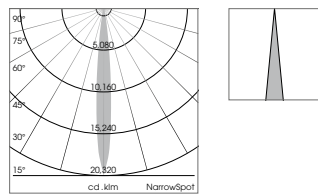
SpecialMeat is the special light colour for the illumination of fresh meat and cold cuts and can be viewed as a modern LED successor to the proven SDW-T/ patented filter variant. The LED spectrum with a correlated colour temperature of 1,900 K is a product-specific special light colour.

REFLECTORS

WATTAGES

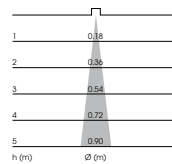
15W 23W 34W 41W

NARROWSPOT



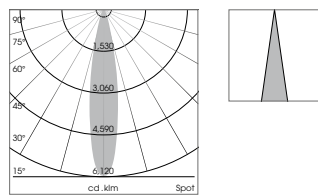
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



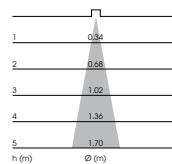
	15W	23W	34W	41W
Luminaire luminous flux [lm]	-	-	-	-
Luminous efficacy [lm/W]	-	-	-	-
Illuminance [lx]	-	-	-	-
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-

SPOT



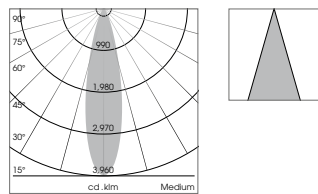
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



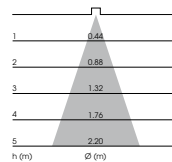
	15W	23W	34W	41W
Luminaire luminous flux [lm]	940	1,330	1,770	2,090
Luminous efficacy [lm/W]	63	58	52	51
Illuminance [lx]				
1	5,720	8,093	10,770	12,717
2	1,430	2,023	2,692	3,179
3	636	899	1,197	1,413
4	357	506	673	795
5	229	324	431	509

MEDIUM



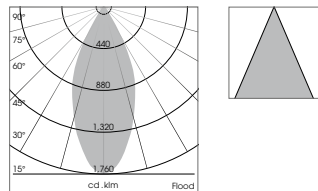
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



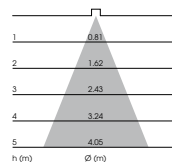
	15W	23W	34W	41W
Luminaire luminous flux [lm]	930	1,320	1,750	2,070
Luminous efficacy [lm/W]	62	57	51	50
Illuminance [lx]				
1	3,679	5,222	6,923	8,189
2	920	1,306	1,731	2,047
3	409	580	769	910
4	230	326	433	512
5	147	209	277	328

FLOOD



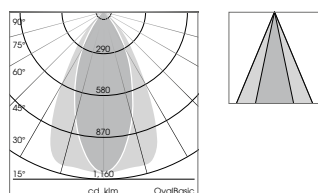
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



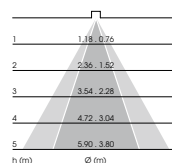
	15W	23W	34W	41W
Luminaire luminous flux [lm]	970	1,370	1,820	2,140
Luminous efficacy [lm/W]	65	60	54	52
Illuminance [lx]				
1	1,707	2,411	3,202	3,766
2	427	603	801	941
3	190	268	356	418
4	107	151	200	235
5	68	96	128	151

OVALBASIC



Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



	15W	23W	34W	41W
Luminaire luminous flux [lm]	930	1,320	1,750	2,070
Luminous efficacy [lm/W]	62	57	51	50
Illuminance [lx]				
1	1,050	1,490	1,975	2,336
2	262	372	494	584
3	117	166	219	260
4	66	93	123	146
5	42	60	79	93

For more technical details about the individual luminaires, please see our datasheets available at www.baero.com. The luminaire luminous flux figures vary in a tolerance range of ± 10%. All data are typical values. System features may change if product improvements are made due to technical advances. Errors excepted.

Intara IC

Semi-recessed luminaire

The separate driver unit is supplied with a feed-through wiring set. The driver unit is also available as a DALI version for integration in a light control system.

REFLECTOR	COL	927	830	835	840	PEARL WHITE	BECOLOR	BECOOI	GOLDEN BREAD	SUN	FISH& SEAFOOD	SPECIAL MEAT
15W												
NarrowSpot 10°	■	51510004	51510001	51510002	51510003	51510019	51510005	51510006	-	-	-	-
	■	51510010	51510007	51510008	51510009	51510020	51510011	51510012	-	-	-	-
	□	51510016	51510013	51510014	51510015	51510021	51510017	51510018	-	-	-	-
15/23/34/41W												
Spot 20°	■	51520004	51520001	51520002	51520003	51520010	51520005	51520006	51520009	51520012	51520007	51520011
	■	51520016	51520013	51520014	51520015	51520022	51520017	51520018	51520021	51520024	51520019	51520023
	□	51520028	51520025	51520026	51520027	51520034	51520029	51520030	51520033	51520036	51520031	51520035
Medium 25°	■	51530004	51530001	51530002	51530003	51530010	51530005	51530006	51530009	51530012	51530007	51530011
	■	51530016	51530013	51530014	51530015	51530022	51530017	51530018	51530021	51530024	51530019	51530023
	□	51530028	51530025	51530026	51530027	51530034	51530029	51530030	51530033	51530036	51530031	51530035
Flood 44°	■	51540004	51540001	51540002	51540003	51540010	51540005	51540006	51540009	51540012	51540007	51540011
	■	51540016	51540013	51540014	51540015	51540022	51540017	51540018	51540021	51540024	51540019	51540023
	□	51540028	51540025	51540026	51540027	51540034	51540029	51540030	51540033	51540036	51540031	51540035
OvalBasic 60°x40°	■	51550004	51550001	51550002	51550003	51550010	51550005	51550006	51550009	51550012	51550007	51550011
	■	51550016	51550013	51550014	51550015	51550022	51550017	51550018	51550021	51550024	51550019	51550023
	□	51550028	51550025	51550026	51550027	51550034	51550029	51550030	51550033	51550036	51550031	51550035
WallBeam	■	51560004	51560001	51560002	51560003	51560010	51560005	51560006	51560009	51560012	51560007	51560011
	■	51560016	51560013	51560014	51560015	51560022	51560017	51560018	51560021	51560024	51560019	51560023
	□	51560028	51560025	51560026	51560027	51560034	51560029	51560030	51560033	51560036	51560031	51560035
DRIVER UNIT												
Constant Current		76500050	[400 mA/15 Watt]									
		76500034	[600 mA/23 Watt]									
		76500076	[850 mA/34 Watt]									
		76500037	[1,050 mA/41 Watt]									
DALI		76500051	[400 mA/15 Watt]									
		76500039	[600 mA/23 Watt]									
		76500077	[850 mA/34 Watt]									
		76500042	[1,050 mA/41 Watt]									

The driver units must be ordered separately.

41 W POTENTIOMETER												
Spot 20°	■	51620004	51620001	51620002	51620003	51620010	51620005	51620006	51620009	51620012	51620007	51620011
	■	51620016	51620013	51620014	51620015	51620022	51620017	51620018	51620021	51620024	51620019	51620023
	□	51620028	51620025	51620026	51620027	51620034	51620029	51620030	51620033	51620036	51620031	51620035
Medium 25°	■	51580004	51580001	51580002	51580003	51580010	51580005	51580006	51580009	51580012	51580007	51580011
	■	51580016	51580013	51580014	51580015	51580022	51580017	51580018	51580021	51580024	51580019	51580023
	□	51580028	51580025	51580026	51580027	51580034	51580029	51580030	51580033	51580036	51580031	51580035
Flood 44°	■	51590004	51590001	51590002	51590003	51590010	51590005	51590006	51590009	51590012	51590007	51590011
	■	51590016	51590013	51590014	51590015	51590022	51590017	51590018	51590021	51590024	51590019	51590023
	□	51590028	51590025	51590026	51590027	51590034	51590029	51590030	51590033	51590036	51590031	51590035
OvalBasic 60°x40°	■	51600004	51600001	51600002	51600003	51600010	51600005	51600006	51600009	51600012	51600007	51600011
	■	51600016	51600013	51600014	51600015	51600022	51600017	51600018	51600021	51600024	51600019	51600023
	□	51600028	51600025	51600026	51600027	51600034	51600029	51600030	51600033	51600036	51600031	51600035
WallBeam	■	51610004	51610001	51610002	51610003	51610010	51610005	51610006	51610009	51610012	51610007	51610011
	■	51610016	51610013	51610014	51610015	51610022	51610017	51610018	51610021	51610024	51610019	51610023
	□	51610028	51610025	51610026	51610027	51610034	51610029	51610030	51610033	51610036	51610031	51610035
DRIVER UNIT												
Potentiometer		76500109	[1,050 mA/41 Watt]									

The driver units must be ordered separately.

Contact service@baero.com for your personal price information. Please refer to our data sheets at www.baero.com for further technical details on the individual luminaires. All data are typical values. System features may change with product improvements due to technical advances. Errors excepted.

Pendiro IC

Suspended luminaire

The variants with surface-mounted canopy and track-mounted canopy are always supplied as a DALI version. The driver unit is included in the scope of supply of the variant with recessed canopy. When placing your order please state the driver unit product number with the desired power output.

REFLECTOR	COL	927	830	835	840	PEARL WHITE	BECOLOR	BECOOL	GOLDEN BREAD	SUN	FISH& SEAFOOD	SPECIAL MEAT
NarrowSpot 10°	■	80670004	80670001	80670002	80670003	80670019	80670005	80670006	-	-	-	-
	■	80670010	80670007	80670008	80670009	80670020	80670011	80670012	-	-	-	-
	□	80670016	80670013	80670014	80670015	80670021	80670017	80670018	-	-	-	-
Spot 20°	■	80680004	80680001	80680002	80680003	80680007	80680005	80680006	80680010	80680012	80680008	80680011
	■	80680016	80680013	80680014	80680015	80680019	80680017	80680018	80680022	80680024	80680020	80680023
	□	80680028	80680025	80680026	80680027	80680031	80680029	80680030	80680034	80680036	80680032	80680035
Medium 25°	■	80690004	80690001	80690002	80690003	80690007	80690005	80690006	80690010	80690012	80690008	80690011
	■	80690016	80690013	80690014	80690015	80690019	80690017	80690018	80690022	80690024	80690020	80690023
	□	80690028	80690025	80690026	80690027	80690031	80690029	80690030	80690034	80690036	80690032	80690035
Flood 44°	■	80700004	80700001	80700002	80700003	80700007	80700005	80700006	80700010	80700012	80700008	80700011
	■	80700016	80700013	80700014	80700015	80700019	80700017	80700018	80700022	80700024	80700020	80700023
	□	80700028	80700025	80700026	80700027	80700031	80700029	80700030	80700034	80700036	80700032	80700035
OvalBasic 60°x40°	■	80710004	80710001	80710002	80710003	80710007	80710005	80710006	80710010	80710012	80710008	80710011
	■	80710016	80710013	80710014	80710015	80710019	80710017	80710018	80710022	80710024	80710020	80710023
	□	80710028	80710025	80710026	80710027	80710031	80710029	80710030	80710034	80710036	80710032	80710035

SURFACE-MOUNTED CANOPY DALI

■	76500062	[400 mA/15 Watt]
■	76500060	[400 mA/15 Watt]
□	76500064	[400 mA/15 Watt]
■	76500098	[600 mA/23 Watt]
■	76500096	[600 mA/23 Watt]
□	76500100	[600 mA/23 Watt]

TRACK-MOUNTED DALI

■	76500061	[400 mA/15 Watt]
■	76500059	[400 mA/15 Watt]
□	76500063	[400 mA/15 Watt]
■	76500097	[600 mA/23 Watt]
■	76500095	[600 mA/23 Watt]
□	76500099	[600 mA/23 Watt]

RECESSED CANOPY

■	76500054	for separate driver unit
■	76500053	for separate driver unit
□	76500055	for separate driver unit

DRIVER UNIT

Constant Current	76500050	[400 mA/15 Watt]
	76500034	[600 mA/23 Watt]
DALI	76500051	[400 mA/15 Watt]
	76500039	[600 mA/23 Watt]

The canopies and the driver units must be ordered separately.

Accessories

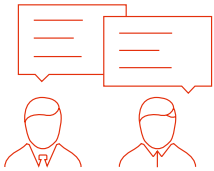
for Ontero, Intara and Pendiro IC

HONEYCOMB LOUVER*	40020012
OVALBEAM LENS*	40020013

* Notes see page 7



BÄRO – Your lighting partner. Right from the start.



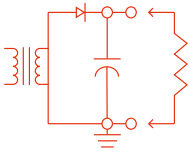
> ADVICE Discover the potential.

A fundamental aspect of our advice is to convey to all those involved in the project the huge potential and the many nuanced possibilities of expression offered by the medium light today thanks to LED technology. Talk to our lighting consultants and find out about the impact that BÄRO products can have in your store – not just in view of effectiveness and efficiency, but also and especially in terms of the emotionality of light.



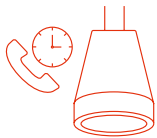
> PLANNING Light that suits you.

Light can be designed in many different qualities and dimensions. Sophisticated light planning not only supports the dramaturgy of the shopping experience; it also allows the lighting to be perfectly tailored to the different visual tasks and product groups. We are committed to finding a customised, expressive light balance for every concept – through the interplay of light distribution and light channelling, light intensities and light colours.



> INSTALLATION On site together.

Careful and professional installation is just as important as effective and creative lighting planning. BÄRO supports you in the installation and alignment of luminaires on site – so that your customised lighting concept rapidly takes shape and unforeseen issues are quickly resolved. In this way you can be sure that the lighting is perfectly focused on the room and the products.



> SUPPORT Long-term cooperation.

Our products boast long-lasting quality and functionality. Nonetheless, our service does not end when your lighting system is put into operation. BÄRO is available to answer your questions and provide services even after completion of the project.

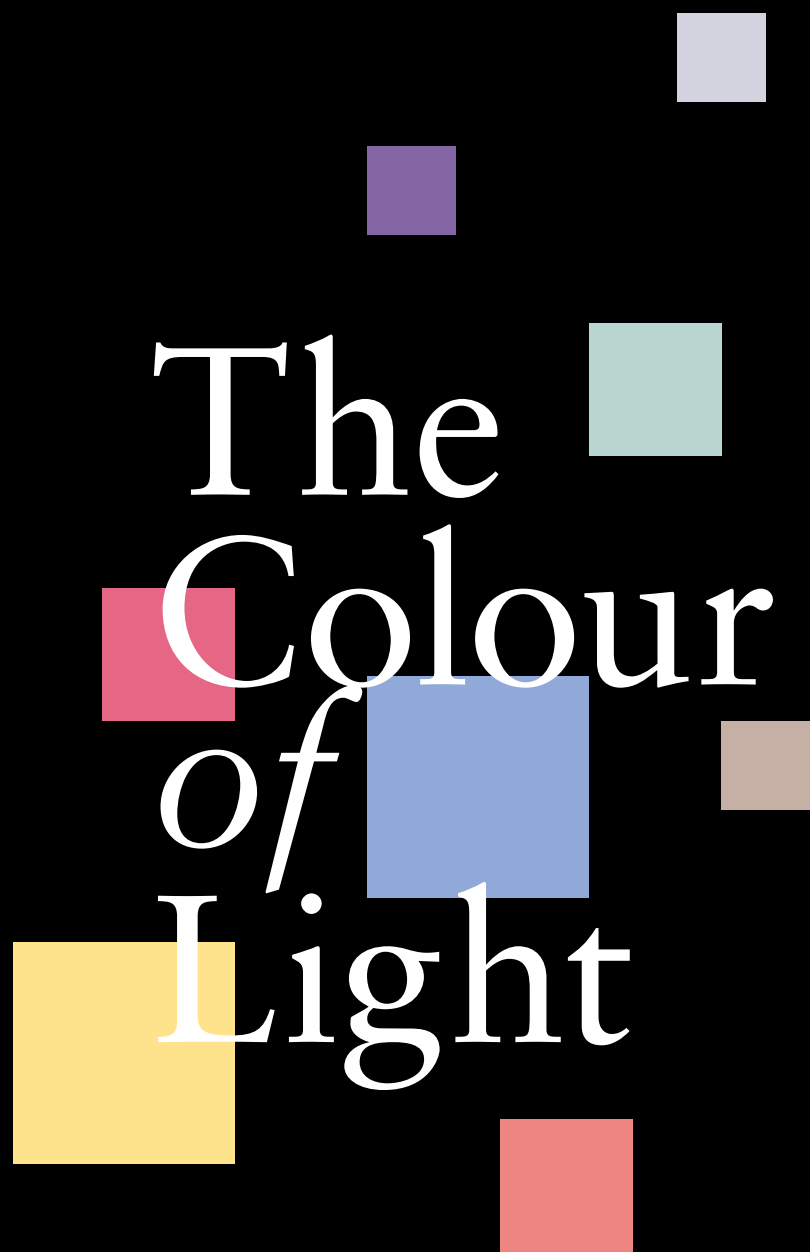


> LEASING Efficient lighting. Financed effectively.

Customised financing for a customised lighting concept. Whether you are a retailer or a retail brand, we will be pleased to advise you on a leasing concept that suits your specific needs. Together we will draw up a contract that caters to your wishes and the needs of your company. Contact us. We're pleased to assist you.

> CONTACT

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