

BÄRO

Retail
Lighting

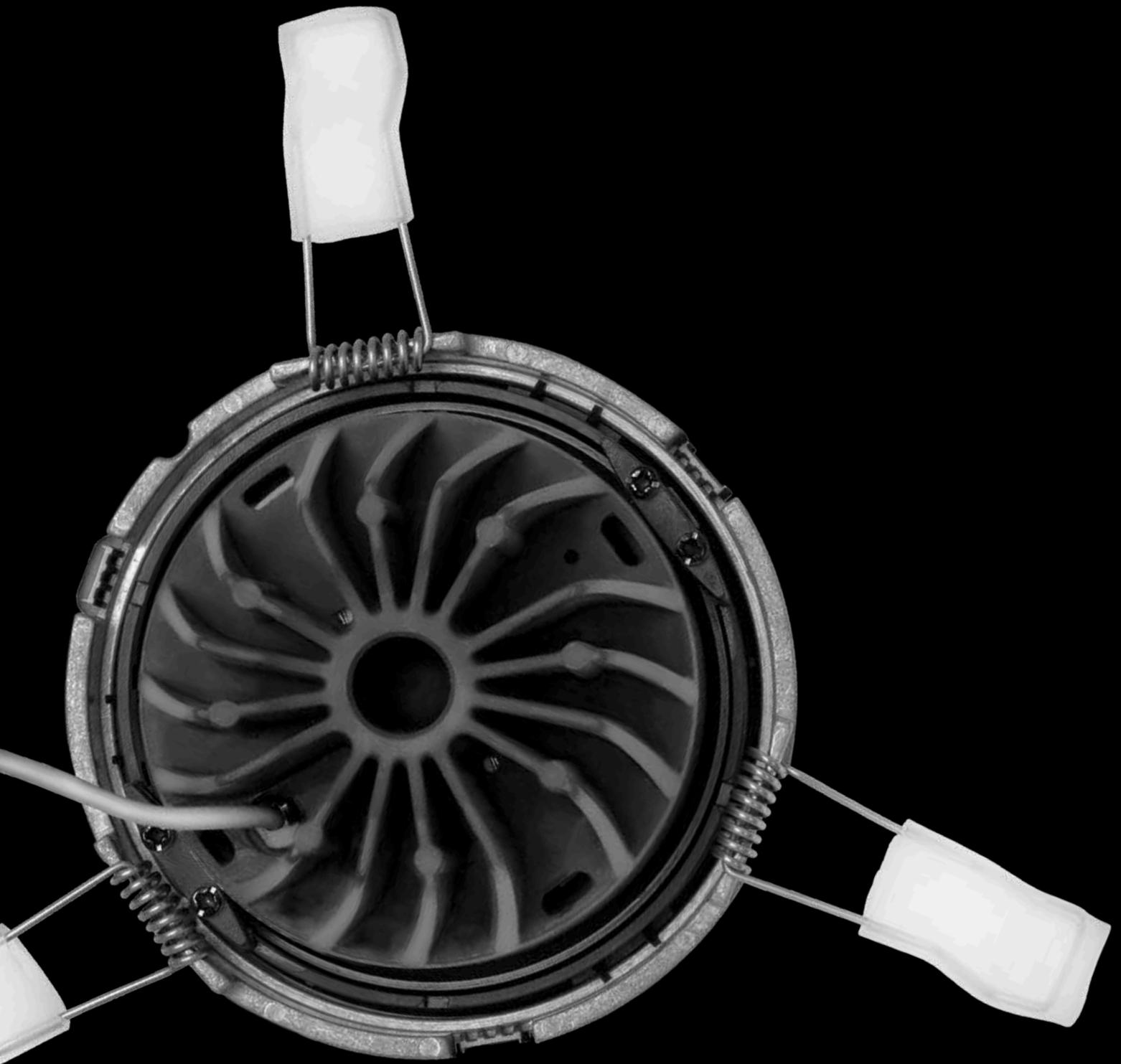
INTARA CX RECESSED LUMINAIRES

Directional spot
Downlight
Wallwasher



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.



Intara CX

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Modularity, flexibility, variability
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Directional spot, downlight, wallwasher
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BÄRO light spectra and power ratings
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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



Intara CX directional spot



Intara CX downlight



Intara CX wallwasher

INTARA CX

Recessed luminaires

SIMPLE. CONSISTENT. INNOVATIVE.

Intara CX is a trendsetting lighting tool that facilitates planning. Directional spots, downlights and wallwashers have a modular structure making them easy to specify and enabling them to be quickly installed without needing any tools. The range offers wide options for high-quality light planning and can be flexibly combined with the BÄRO programme thanks to congruent lighting technology.

- **4 WATTAGES**
15 W (400 mA), 23 W (600 mA),
34 W (850 mA), 41 W (1,050 mA)
- **11 LIGHT COLOURS**
927 . 830 . 835 . 840
PearlWhite . BeCool .
BeColor . GoldenBread* . Sun* .
Fish&Seafood . SpecialMeat*
* exclusive product-specific
special light colours
- **7 BEAM ANGLES**
NarrowSpot 10° . Spot 20°
Medium 25° . Flood 44°
OvalBasic 40° × 60° .
Downlight 60° . WallWash
- **CONTROL**
Constant current . DALI: 100 % – 1 %
- **FURTHER INFORMATION**
Luminaire luminous fluxes: up to 4,630 lm
Luminous efficacy: up to 144 lm/W
- **SPECIAL FEATURES**
Plaster variant
Different colour combinations
(Front/trim ring) on request
Fire protection cover
Front splash-water protection



1 - FITTING RING
Die-cast aluminium

2 - LUMINAIRE HOUSING
Die-cast aluminium,
black, anodised

3 - SUPPORT RING
Plastic,
black,
glass fibre reinforced

4 - TRIM
Plastic,
black

5 - FRONT RING
Plastic,
black or white

6 - REFLECTOR UNIT
Plastic,
black, high-gloss

Simple – the CX principle

MODULARITY OF THE RECESSED LUMINAIRE SERIES

Intara CX from BÄRO is a range of intuitively plannable luminaires for recessed fitting. Thanks to an intelligent insertion principle the trim ring, front ring and lens can be quickly assembled without any tools. The clever design ensures that all elements snap into place immediately and can be released just as easily if needed.

Based on the defined ceiling cut-out of 132 mm for BÄRO semi-recessed luminaires, the installation ring is suitable for tool-free installation in ceilings with a thickness of 1 to 40 mm. This ensures maximum flexibility as regards fitting locations and means that even thin metal ceilings do not present a problem.



Intara CX
Standard combination: front ring
and trim black



Intara CX
Standard combination: front ring white
trim black



Intara CX
Special combination with trim white

Consistent – the CX combinations

FLEXIBILITY OF INTARA CX

It is not just the lighting technology of Intara CX that provides ideal prerequisites for an optimal lighting solution; the hardware has also been well conceived and carefully designed right down to the last detail. The front and trim rings are available in different colour combinations or can be painted in any colour.

Exchangeable reflector units, plaster set, splash-water protection or emergency light – numerous options are available for Intara CX.

Innovative – CX variability

VARIANTS OF THE RECESSED LUMINAIRE SERIES

| Optional additions | | Directional spot | Downlight | Wallwasher |
|--------------------------|--|---------------------|-----------|------------|
| Ceiling plaster | | ■ | ■ | ■ |
| Attachment IP54 | front IP protection (Front ring with glued protective glass and sealing ring), cannot be used for ceiling plaster, swivelling range limited to $\pm 7^\circ$ | ■ (not for spot) | | |
| Emergency light function | for decentralised power supply, not for ceiling plaster | | ■ | |
| Honeycomb louver | | ■ | | |
| OvalBeam lens | recommended for spot and medium reflector | ■ | | |
| White trim | | ■ | | ■ |
| Fire protection cover | | ■ | ■ | ■ |



Ceiling plaster variant

Furthermore, a plaster variant is available for Intara CX as an additional attractive alternative. It is available for ceiling thicknesses of 12.5 to 25 mm.



Variant with raised front protection (IP54)

The splash-proof variant in IP54 enables use in damp environments, in porches and anywhere where the premises have to be regularly cleaned.

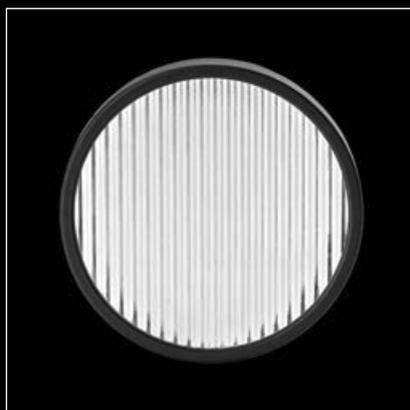


Emergency light function (individual and central battery)

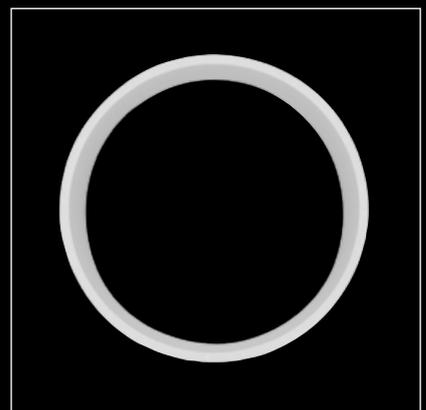
When Intara CX is used as an emergency light with a single battery the control LED is integrated in the fitting ring.



Honeycomb louver



OvalBeam lens

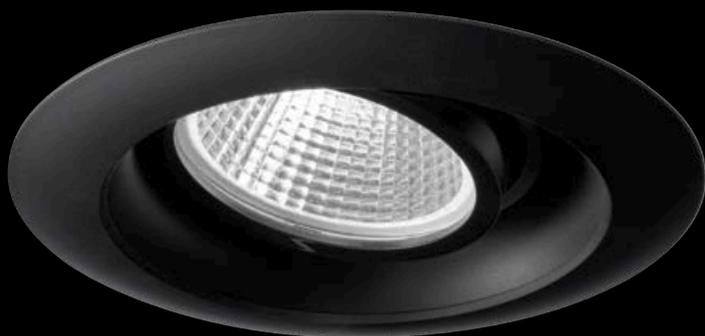


White trim

Intara CX Directional spot

HIGH DEMANDS, BRILLIANT SOLUTION

Intara CX directional spots are available with innovative LED hybrid optics in five different light distribution patterns: NarrowSpot, Spot, Medium, Flood and OvalBasic. Different reflectors used in combination with semi-satin cover glasses enable clean and soft yet clearly defined light cones to be produced – in short: superior lighting technology.



INTARA CX DIRECTIONAL SPOT

LED hybrid technology
Pivot angle: $\pm 175^\circ$
Angle of adjustment: $\pm 30^\circ$
IP54 variant
Reflectors MIRO-SILVER®
Exchangeable reflector unit

The high quality lighting technology of the ID series is used for the directional spot.

Intara CX

Directional spot

| | | | | |
|------------------------------|--------------|-------------|---------|-------|
| COLOUR CODE | 927 | 830 | 835 | 840 |
| Luminaire luminous flux [lm] | 3,350 | 4,320 | 4,360 | 4,470 |
| System wattage [W] | 41 | 41 | 41 | 41 |
| COLOUR SPECTRUM | PearlWhite | | BeColor | |
| Luminaire luminous flux [lm] | 3,530 | | 3,060 | |
| System wattage [W] | 41 | | 41 | |
| COLOUR SPECTRUM | BeCool | | | |
| Luminaire luminous flux [lm] | 3,140 | | | |
| System wattage [W] | 41 | | | |
| COLOUR SPECTRUM | GoldenBread | Sun | | |
| Luminaire luminous flux [lm] | 3,450 | 1,980 | | |
| System wattage [W] | 41 | 41 | | |
| COLOUR SPECTRUM | Fish&Seafood | SpecialMeat | | |
| Luminaire luminous flux [lm] | 2,320 | 1,960 | | |
| System wattage [W] | 34 | 41 | | |



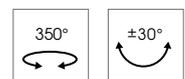
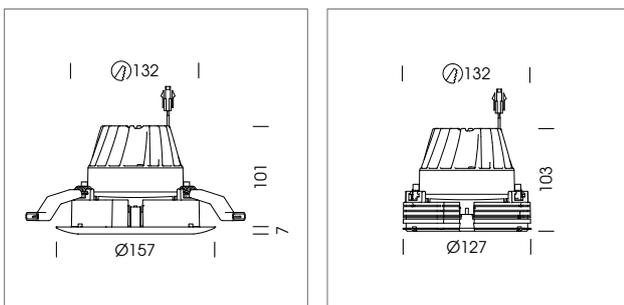
INTARA CX WITH MEDIUM-REFLECTOR

- The maximum system power and the resulting luminaire luminous fluxes for the reflector Medium 25° are stated.
- Available wattages: 15 W, 23 W, 34 W, 41 W (constant current / DALI: 100 % – 1 %) max. 34 W for Fish&Seafood
- All data are typical values, System features may change with product improvements due to technical advances.

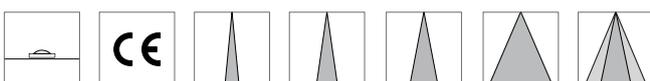
Recessed directional spot with LEDs, rated lamp lifetime of the LEDs L80 / B10 > 50,000 h, chromaticity point tolerance 2 SDCM (initial), 3 SDCM (initial) for SpecialMeat, Fish&Seafood, GoldenBread und Sun, LED hybrid technology, (reflector-lens combination for NarrowSpot, Spot, Medium, OvalBasic), 3D silicone lens to reduce the proportion of scattered light, reflector 99.99 % pure aluminium in MIRO-Silver®, exchangeable reflector unit in high-sheen black plastic with glass cover, pivoted, adjustable, lighting head serves as a cooling element, die-cast aluminium, black anodised, fitting ring in die-cast aluminium, overlapping or flush with the ceiling, front ring and trim in plastic, clamping springs for ceiling attachment, separate driver unit, camera compatible, protection rating IP 20, protection class III, weight 0.72 kg

Options: trim ring white

Accessories: Attachment IP54, Honeycomb louver, OvalBeam lens, fire protection cover



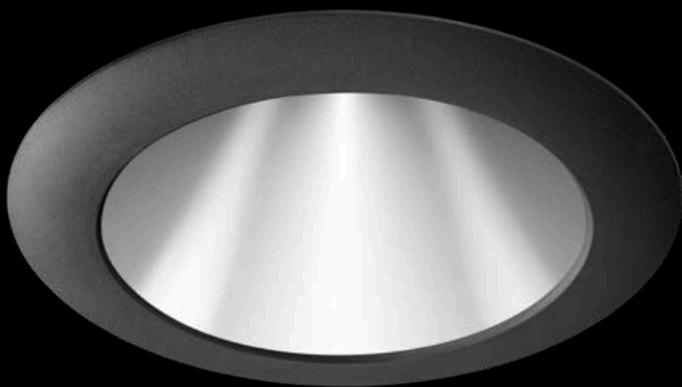
The luminaire luminous flux figures vary in a tolerance range of ± 10%. Further information and light distribution curves can be found from page 31 onwards.



Intara CX Downlight

GLARE-FREE VISUAL COMFORT

Intara CX downlights provide efficient general lighting, for example in entrance areas, circulation areas or corridors. With a UGR value of < 19 the new reflector is also ideal for checkout workplaces or offices.



INTARA CX
DOWNLIGHT

Beam angle (60°)
Emergency lighting function for
the central or individual battery

Intara CX

Downlight

| COLOUR CODE | 927 | 830 | 835 | 840 |
|------------------------------|-------|-------|-------|-------|
| Luminaire luminous flux [lm] | 2,760 | 3,560 | 3,590 | 3,690 |
| System wattage [W] | 41 | 41 | 41 | 41 |

- The maximum system power and the resulting luminaire luminous fluxes are stated.
- Available wattages: 15 W, 23 W, 34 W, 41 W (constant current / DALI: 100 % – 1 %)
- All data are typical values. System features may change with product improvements due to technical advances.

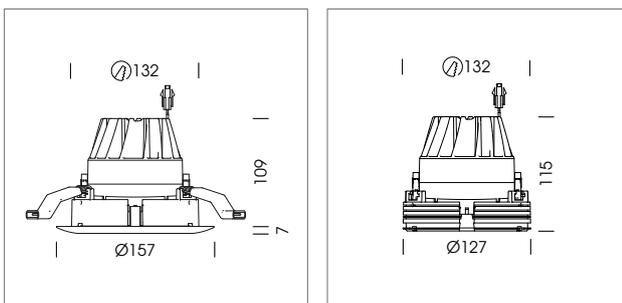


INTARA CX WITH DOWNLIGHT-REFLECTOR

Recessed downlight with LEDs, L80/B10 > 50,000 h, chromaticity point tolerance 2 SDCM (initial), silicone diffuser lens, translucent, darklight reflector, aluminium, metallised, high-gloss, lighting head black anodised, serves as a cooling element and fitting ring in die-cast aluminium, overlapping or flush with the ceiling, front ring in plastic, clamping springs for ceiling attachment, separate driver unit, camera compatible, protection rating IP 20, protection class III, weight 0.70 kg

Options: can be used as emergency lighting

Accessories: Fire protection cover



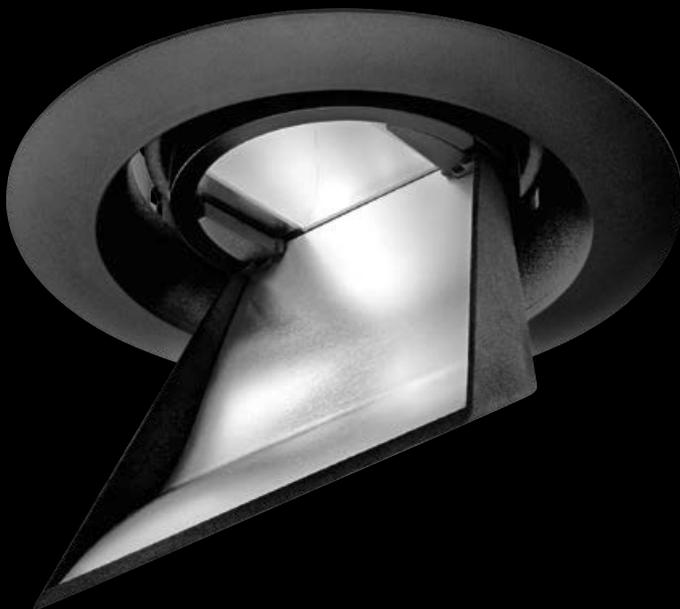
The luminaire luminous flux figures vary in a tolerance range of ± 10%. Further information and light distribution curves can be found from page 31 onwards.



Intara CX Wallwasher

HOMOGENEITY ON VERTICAL SURFACES

The Intara CX wallwasher enables vertical surfaces to be presented with homogeneous light. With its compact dimensions the luminaire itself takes a back seat and uniformly illuminates displays, elevated decorations, large-format motifs or shelves on the rear wall of a store.



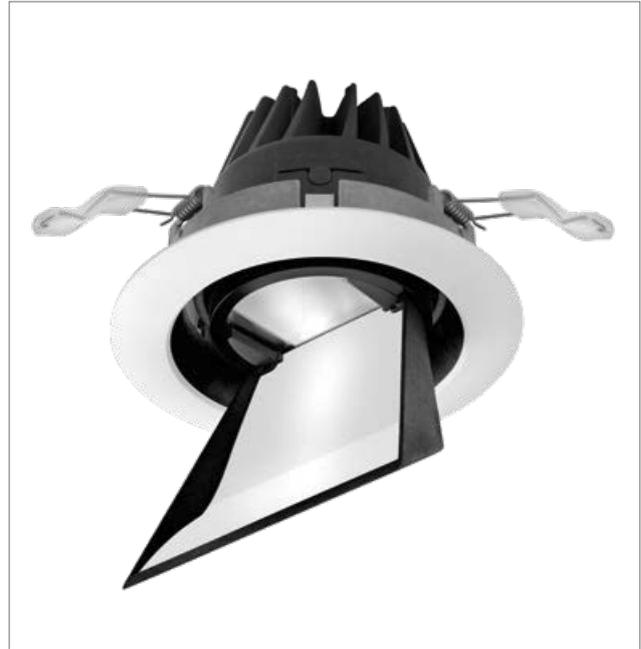
INTARA CX
WALLWASHER

Kick reflector, MIRO-SILVER®
Pivot angle: $\pm 175^\circ$
Angle of adjustment: $\pm 15^\circ$

Intara CX

Wallwasher

| | | | | |
|------------------------------|--------------|-------------|---------|-------|
| COLOUR CODE | 927 | 830 | 835 | 840 |
| Luminaire luminous flux [lm] | 3,070 | 3,970 | 4,000 | 4,110 |
| System wattage [W] | 41 | 41 | 41 | 41 |
| COLOUR SPECTRUM | PearlWhite | | BeColor | |
| Luminaire luminous flux [lm] | 3,240 | | 2,810 | |
| System wattage [W] | 41 | | 41 | |
| COLOUR SPECTRUM | BeCool | | | |
| Luminaire luminous flux [lm] | 2,880 | | | |
| System wattage [W] | 41 | | | |
| COLOUR SPECTRUM | GoldenBread | Sun | | |
| Luminaire luminous flux [lm] | 3,170 | 1,820 | | |
| System wattage [W] | 41 | 41 | | |
| COLOUR SPECTRUM | Fish&Seafood | SpecialMeat | | |
| Luminaire luminous flux [lm] | 2,130 | 1,800 | | |
| System wattage [W] | 34 | 41 | | |



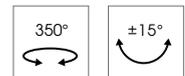
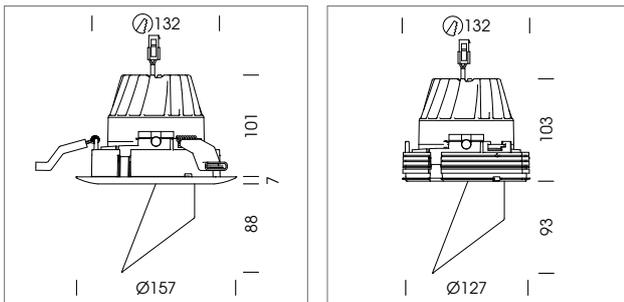
INTARA CX WITH WALLWASH-REFLECTOR

- The maximum system power (DALI) and the resulting luminaire luminous fluxes are stated.
- Available wattages: 15 W, 23 W, 34 W, 41 W (constant current / DALI: 100 % – 1 %), max. 34 W for Fish&Seafood
- All data are typical values. System features may change with product improvements due to technical advances.

Recessed wallwasher with LEDs, rated lamp lifetime of the LEDs L80 / B10 > 50,000 h, chromaticity point tolerance 2 SDCM (initial), 3 SDCM (initial) for SpecialMeat, Fish&Seafood, GoldenBread and Sun, primary reflector and kick reflector 99.99 % pure aluminium in MIRO-Silver®, attachment with kick reflector for light cone projection flush with the ceiling, plastic, black, exchangeable reflector unit in high-shine black plastic with glass cover, pivoted, adjustable, lighting head, black anodised, serves as a cooling element and fitting ring in die-cast aluminium, overlapping or flush with the ceiling, front ring and trim in plastic, clamping springs for ceiling attachment, separate driver unit, camera compatible, protection rating IP 20, protection class III, weight 0.80 kg

Options: Trim ring white

Accessories: Fire protection cover



The luminaire luminous flux figures vary in a tolerance range of ± 10%. Further information and light distribution curves can be found from page 31 onwards.



CX Lighting technology

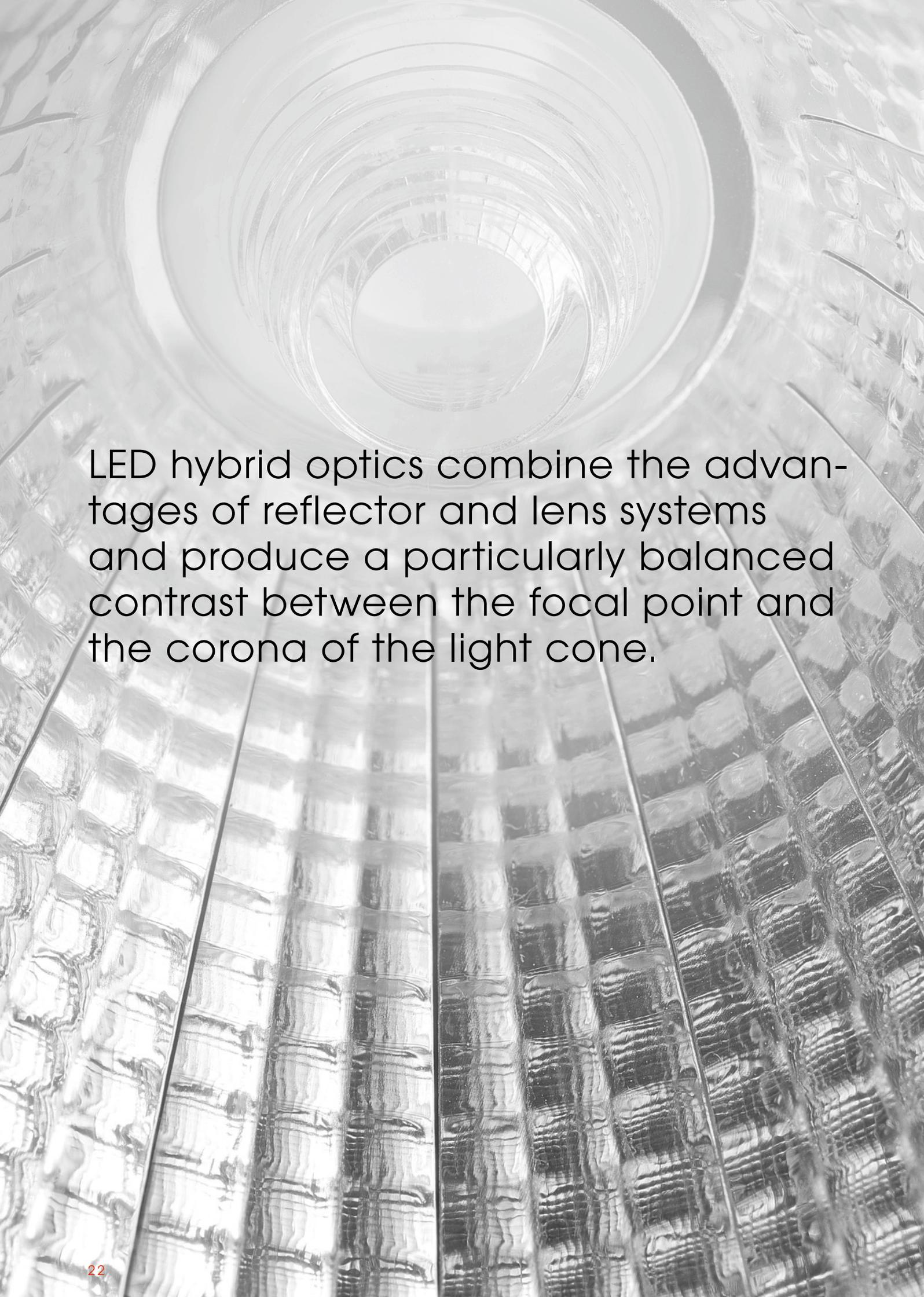
POWER RATINGS AND LIGHT SPECTRUMS

The LED modules of the CX recessed luminaires are available with 4 power ratings and 11 different LED spectrums – 4 standard light colours and 7 special light colours, fine-tuned to the natural colours of all different kinds of applications.





BEAM CHARACTERISTICS
CX wallwasher

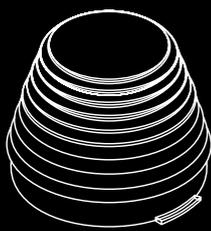


LED hybrid optics combine the advantages of reflector and lens systems and produce a particularly balanced contrast between the focal point and the corona of the light cone.

LED hybrid technology

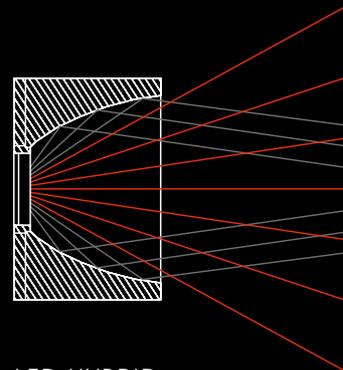
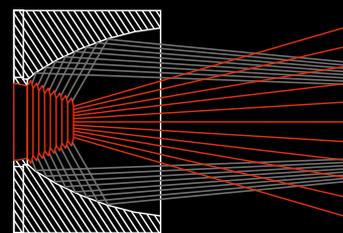
CX TECHNOLOGY

With the proven BÄRO LED hybrid technology 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

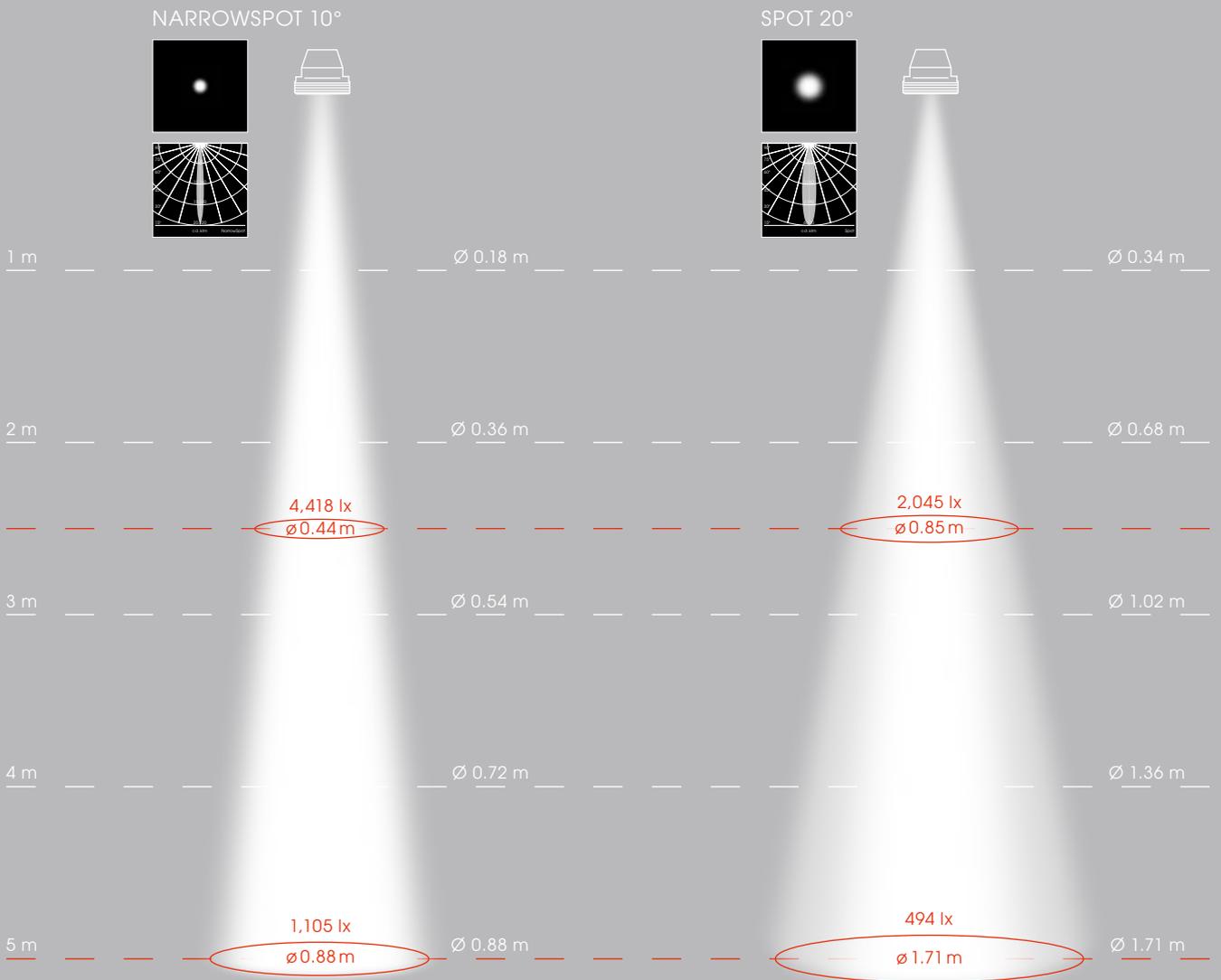


LED HYBRID TECHNOLOGY

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

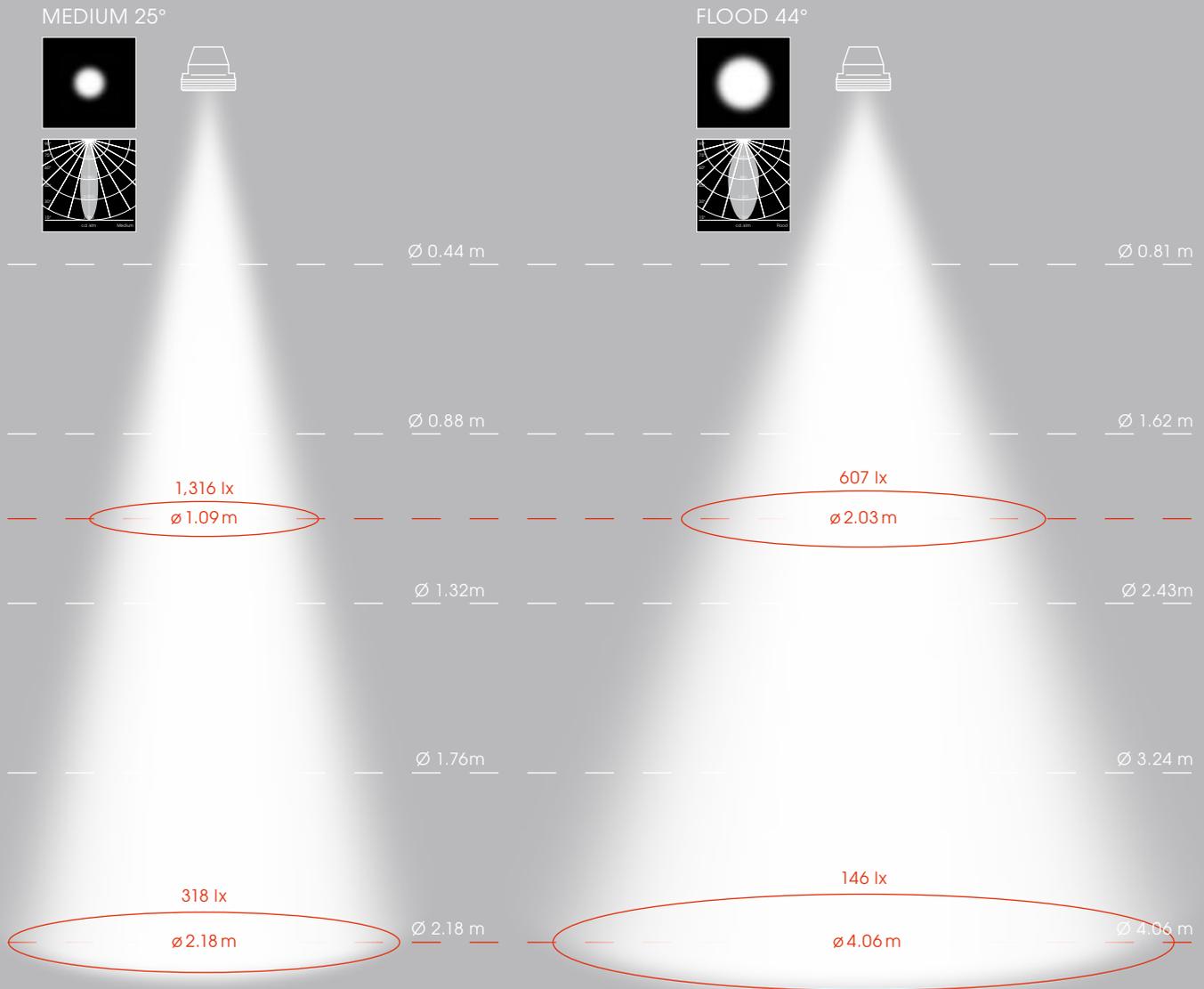
Beam characteristics

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 °) concentrates light so strongly that surfaces are brightly illuminated even at larger distances.

The cone of light diameter increases at a rotationally symmetric reflector proportional to the distance, while the illuminance decreases with the square to the distance.



The wider the beam angles (20 °, 25 °, 44 °), the larger the illuminated area, but with increasingly lower illuminance.

The values given in the examples apply to the Ontero ID, 830, 15 W, 2,000 lm.

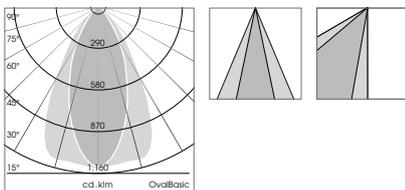
Special light distribution

Examples of horizontal and vertical light channelling

OVALBASIC REFLECTOR

In conjunction with an OvalBasic reflector Intara CX can be used for various lighting tasks. The examples show the light distribution with horizontal alignment of the reflector (0°/15°) and vertical alignment of the reflector (90°/15°).

40° × 60°



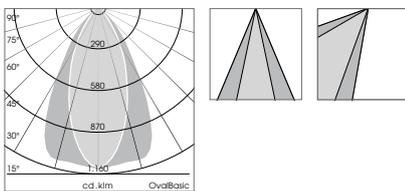
| | |
|-------------------------------------|------|
| Number of luminaires | 5 |
| Distance to illuminated surface [m] | 1.00 |
| Distance between luminaires [m] | 1.25 |
| Mounting height [m] | 3.00 |

The horizontal alignment of the reflector (40° × 60°) results in uniform illumination of surfaces such as presentation tables, counters and displays while also illuminating vertical surfaces.

| | | | |
|------------------|-----|-----|-----|
| 91 | 112 | 112 | 91 |
| 437 | 515 | 515 | 437 |
| 504 | 660 | 660 | 504 |
| 420 | 616 | 616 | 420 |
| 348 | 521 | 521 | 348 |
| Illuminance (lx) | | | |

835 . 41 W . 4,360 lm . 106 lm/W

60° × 40°



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

The reflector rotated by 90° (60° × 40°) and swivelled by 15° results in vertical channelling of the light cone and can be used for homogeneous illumination of the surfaces defining a room.

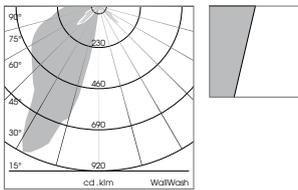
| | | | |
|------------------|-----|-----|-----|
| 236 | 275 | 275 | 236 |
| 812 | 873 | 873 | 812 |
| 701 | 829 | 829 | 701 |
| 435 | 563 | 563 | 435 |
| 305 | 415 | 415 | 305 |
| Illuminance (lx) | | | |

835 . 41 W . 4,360 lm . 106 lm/W

The luminaire luminous flux figures vary in a tolerance range of ± 10%. Please refer to our data sheets at www.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.

WALLWASH REFLECTOR

| COLOUR CODE | 927 | 830 | 835 | 840 |
|------------------------------|-------|-------|-------|-------|
| System wattage [W] | 15 | 15 | 15 | 15 |
| Luminaire luminous flux [lm] | 1,430 | 1,850 | 1,870 | 1,910 |



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

| | | | |
|-----|-----|-----|-----|
| 392 | 434 | 434 | 397 |
| 351 | 435 | 437 | 344 |
| 287 | 388 | 383 | 288 |
| 204 | 277 | 277 | 205 |
| 131 | 179 | 181 | 131 |

835 . 15 W . 1,870 lm . 125 lm/W

| | | | | |
|------------------------------|-------|-------|-------|-------|
| System wattage [W] | 23 | 23 | 23 | 23 |
| Luminaire luminous flux [lm] | 2,010 | 2,590 | 2,620 | 2,680 |

| | | | |
|-----|-----|-----|-----|
| 549 | 608 | 605 | 557 |
| 492 | 609 | 610 | 482 |
| 403 | 543 | 537 | 403 |
| 286 | 388 | 387 | 287 |
| 183 | 250 | 254 | 184 |

835 . 23 W . 2,620 lm . 114 lm/W

| | | | | |
|------------------------------|-------|-------|-------|-------|
| System wattage [W] | 34 | 34 | 34 | 34 |
| Luminaire luminous flux [lm] | 2,640 | 3,410 | 3,440 | 3,530 |

| | | | |
|-----|-----|-----|-----|
| 722 | 799 | 798 | 732 |
| 647 | 800 | 803 | 634 |
| 530 | 714 | 706 | 530 |
| 376 | 509 | 509 | 378 |
| 241 | 329 | 334 | 242 |

835 . 34 W . 3,440 lm . 101 lm/W

| | | | | |
|------------------------------|-------|-------|-------|-------|
| System wattage [W] | 41 | 41 | 41 | 41 |
| Luminaire luminous flux [lm] | 3,070 | 3,970 | 4,000 | 4,110 |

| | | | |
|-----|-----|-----|-----|
| 839 | 929 | 928 | 851 |
| 752 | 930 | 934 | 737 |
| 616 | 831 | 821 | 616 |
| 438 | 592 | 592 | 439 |
| 281 | 383 | 383 | 282 |

835 . 41 W . 4,000 lm . 98 lm/W

The luminaire luminous flux figures vary in a tolerance range of ± 10%. Please refer to our data sheets at www.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.

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.

BÄRO light colours

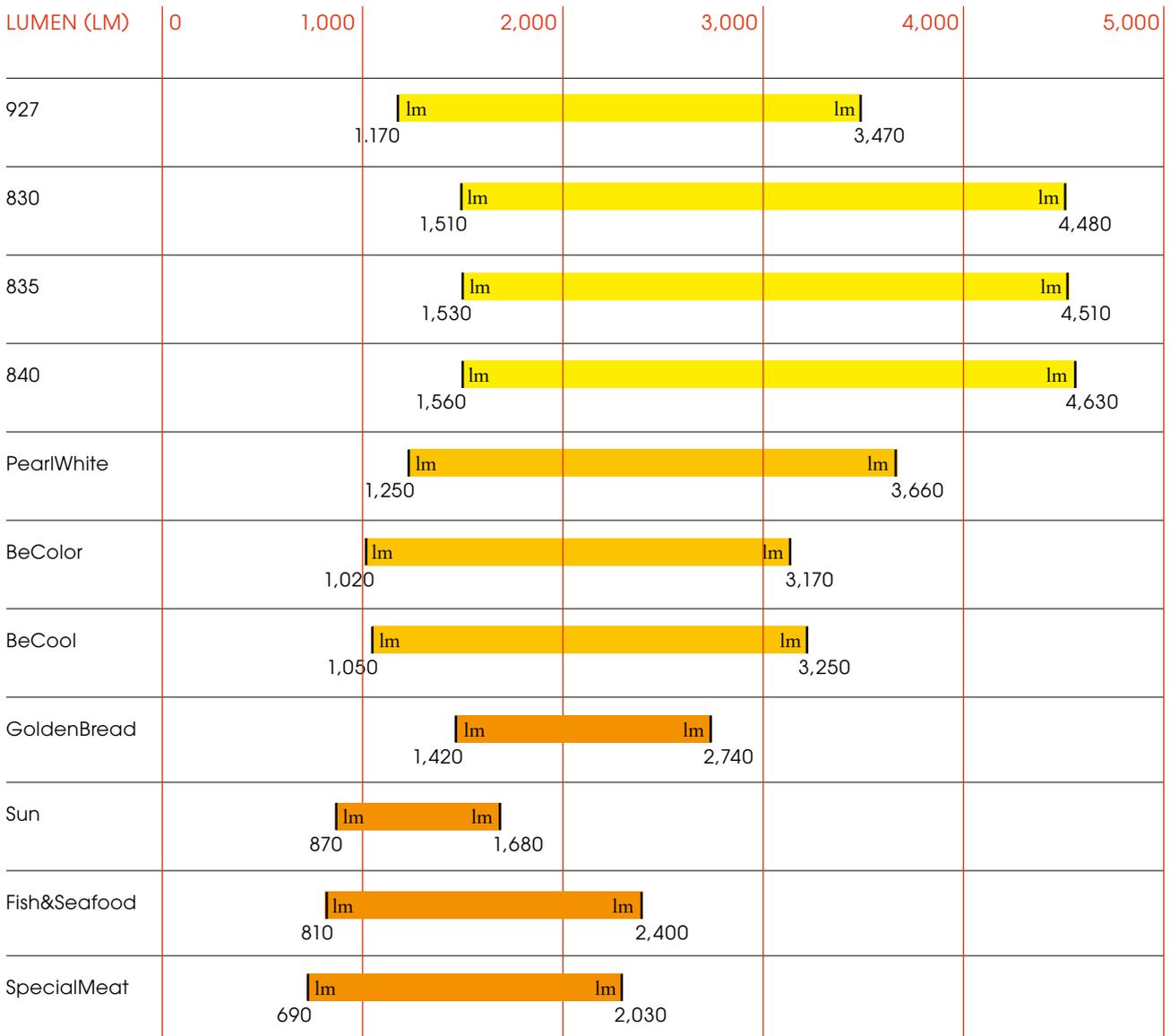
OVERVIEW OF THE AVAILABLE LIGHT COLOURS



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

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

OVERVIEW OF LUMINAIRE LUMINOUS FLUXES



927

Colour code

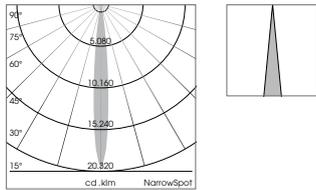
The warm white LED spectrum of the standard light colour is ideal for illuminating goods and product types with warm colours and for creating a harmonious atmosphere. The very good colour rendering gives the surfaces a high-quality appearance and even the smallest colour nuances are clearly apparent.

REFLECTORS

WATTAGES

15 W 23 W 34 W 41 W

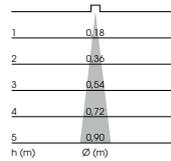
NARROWSPOT



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

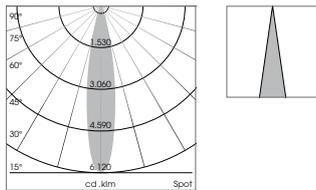
1,080 - - -
72 - - -

Illuminance [lx]



2,1932 - - -
5,483 - - -
2,437 - - -
1,371 - - -
877 - - -

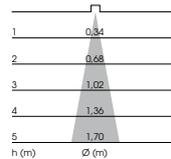
SPOT



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

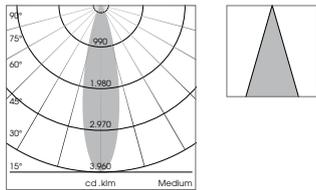
1,580 2,210 2,900 3,380
105 96 85 82

Illuminance [lx]



9,614 13,447 17,645 20,566
2,403 3,362 4,411 5,141
1,068 1,494 1,961 2,285
601 840 1,103 1,285
385 538 706 823

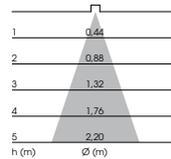
MEDIUM



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

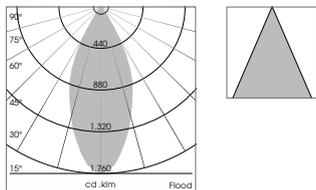
1,560 2,190 2,870 3,350
104 95 84 81

Illuminance [lx]



6,172 8,664 11,354 13,253
1,543 2,166 2,839 3,313
686 963 1,262 1,473
386 542 710 828
247 347 454 530

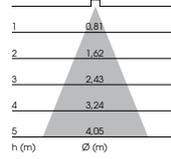
FLOOD



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

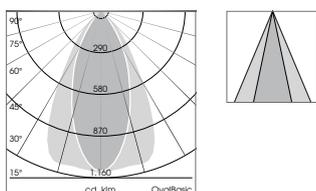
1,610 2,270 2,980 3,470
107 99 88 85

Illuminance [lx]



2,833 3,994 5,244 6,106
708 999 1,311 1,526
315 444 583 678
177 250 328 382
113 160 210 244

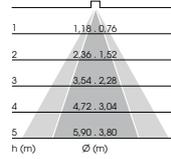
OVALBASIC



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

1,560 2,190 2,870 3,350
104 95 84 82

Illuminance [lx]



1,761 2,472 3,239 3,781
440 618 810 945
196 275 360 420
110 154 202 236
70 99 130 151

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 $\pm 10\%$. All data are typical values. System features may change if product improvements are made due to technical advances. Errors excepted.

830

Colour code

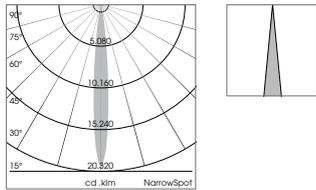
The warm white LED spectrum of the standard light colour is primarily used for efficient lighting when consistent good colour rendering of the colours is desired for all objects being illuminated.

REFLECTORS

WATTAGES

15W 23W 34W 41W

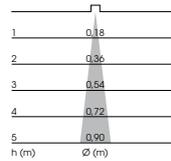
NARROWSPOT



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

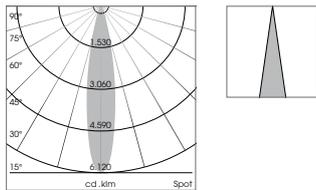
1,360 - - -
91 - - -

Illuminance [lx]



27,619 - - -
6,905 - - -
3,069 - - -
1,726 - - -
1,105 - - -

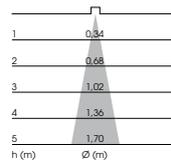
SPOT



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

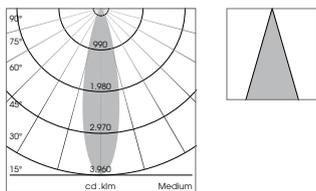
2,030 2,860 3,750 4,370
135 124 110 107

Illuminance [lx]



12,352 17,402 22,817 26,590
3,088 4,350 5,704 6,647
1,372 1,934 2,535 2,954
772 1,088 1,426 1,662
494 696 913 1,064

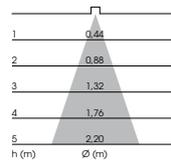
MEDIUM



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

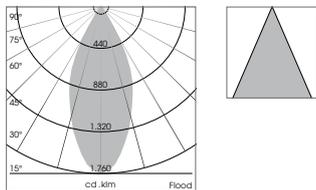
2,010 2,830 3,710 4,320
134 123 109 105

Illuminance [lx]



7,952 11,196 14,677 17,091
1,988 2,799 3,669 4,273
884 1,244 1,631 1,899
497 700 917 1,068
318 448 587 684

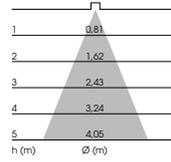
FLOOD



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

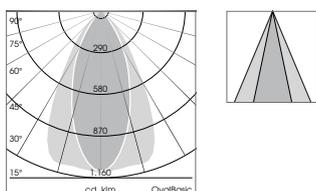
2,080 2,930 3,840 4,480
139 127 113 109

Illuminance [lx]



3,660 5,156 6,757 7,883
915 1,289 1,689 1,971
407 573 751 876
229 322 422 493
146 206 270 315

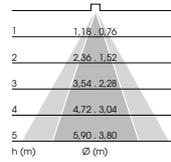
OVALBASIC



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

2,010 2,830 3,710 4,320
134 123 109 105

Illuminance [lx]



2,269 3,194 4,188 4,876
567 799 1,047 1,219
252 355 465 542
142 200 262 305
91 128 168 195

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835

Colour code

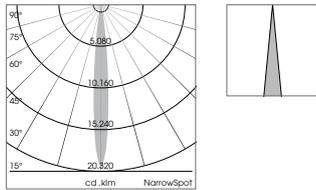
The LED spectrum of the standard light colour is between neutral white and warm white and is suitable for use wherever the aim is to efficiently showcase products with an emphasis on their fresh colours or to create a corresponding spatial atmosphere.

REFLECTORS

WATTAGES

15W 23W 34W 41W

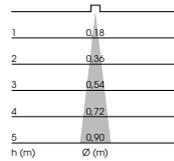
NARROWSPOT



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

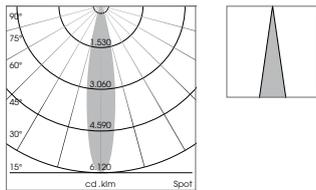
1,380 - - -
92 - - -

Illuminance [lx]



| h (m) | Ø (m) | 15W | 23W | 34W | 41W |
|-------|-------|--------|-----|-----|-----|
| 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 | - | - | - |

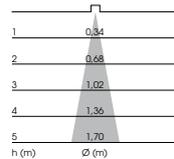
SPOT



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

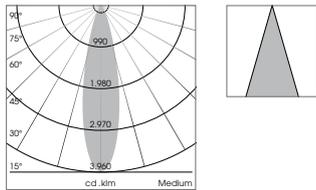
2,060 2,880 3,780 4,400
137 125 111 107

Illuminance [lx]



| h (m) | Ø (m) | 15W | 23W | 34W | 41W |
|-------|-------|--------|--------|--------|--------|
| 1 | 0.34 | 12,534 | 17,524 | 23,000 | 26,772 |
| 2 | 0.68 | 3,134 | 4,381 | 5,750 | 6,693 |
| 3 | 1.02 | 1,393 | 1,947 | 2,556 | 2,975 |
| 4 | 1.36 | 783 | 1,095 | 1,437 | 1,673 |
| 5 | 1.70 | 501 | 701 | 920 | 1,071 |

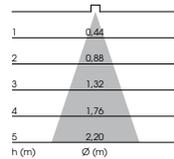
MEDIUM



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

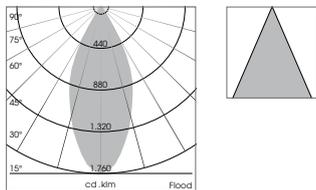
2,040 2,850 3,740 4,360
136 124 110 106

Illuminance [lx]



| h (m) | Ø (m) | 15W | 23W | 34W | 41W |
|-------|-------|-------|--------|--------|--------|
| 1 | 0.44 | 8,071 | 11,275 | 14,796 | 17,249 |
| 2 | 0.88 | 2,018 | 2,819 | 3,699 | 4,312 |
| 3 | 1.32 | 897 | 1,253 | 1,644 | 1,917 |
| 4 | 1.76 | 504 | 705 | 925 | 1,078 |
| 5 | 2.20 | 323 | 451 | 592 | 690 |

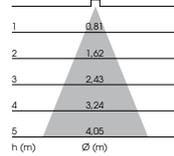
FLOOD



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

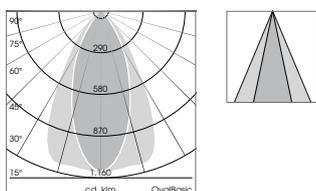
2,110 2,960 3,880 4,510
141 129 114 110

Illuminance [lx]



| h (m) | Ø (m) | 15W | 23W | 34W | 41W |
|-------|-------|-------|-------|-------|-------|
| 1 | 0.81 | 3,713 | 5,208 | 6,827 | 7,936 |
| 2 | 1.62 | 928 | 1,302 | 1,707 | 1,984 |
| 3 | 2.43 | 413 | 579 | 759 | 882 |
| 4 | 3.24 | 232 | 326 | 427 | 496 |
| 5 | 4.05 | 149 | 208 | 273 | 317 |

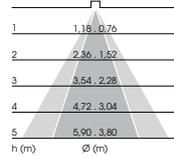
OVALBASIC



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

2,040 2,850 3,740 4,360
136 124 110 106

Illuminance [lx]



| h (m) | Ø (m) | 15W | 23W | 34W | 41W |
|-------|-----------|-------|-------|-------|-------|
| 1 | 1.18 0.76 | 2,303 | 3,217 | 4,221 | 4,921 |
| 2 | 2.36 1.52 | 576 | 804 | 1,055 | 1,230 |
| 3 | 3.54 2.28 | 256 | 357 | 469 | 547 |
| 4 | 4.72 3.04 | 144 | 201 | 264 | 308 |
| 5 | 5.90 3.80 | 92 | 129 | 169 | 197 |

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 $\pm 10\%$. All data are typical values. System features may change if product improvements are made due to technical advances. Errors excepted.

840

Colour code

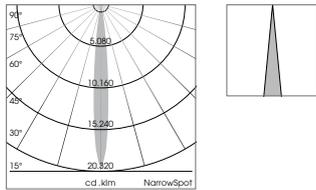
As a standard light colour, the neutral white LED spectrum is suitable for the efficient illumination of clear body colours or to create a cooler spatial impression.

REFLECTORS

WATTAGES

15W 23W 34W 41W

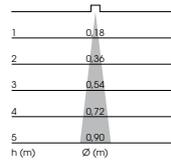
NARROWSPOT



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

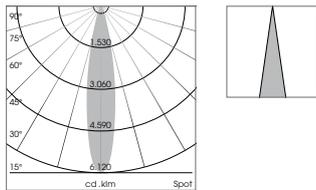
1,400 - - -
93 - - -

Illuminance [lx]



| | | | | | |
|---|------|--------|---|---|---|
| 1 | 0.18 | 28,431 | - | - | - |
| 2 | 0.36 | 7,108 | - | - | - |
| 3 | 0.54 | 3,159 | - | - | - |
| 4 | 0.72 | 1,777 | - | - | - |
| 5 | 0.90 | 1,137 | - | - | - |

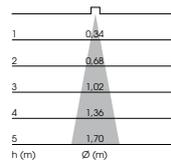
SPOT



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

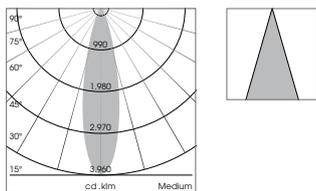
2,110 2,950 3,880 4,520
141 128 114 110

Illuminance [lx]



| | | | | | |
|---|------|--------|--------|--------|--------|
| 1 | 0.34 | 12,839 | 17,950 | 23,608 | 27,502 |
| 2 | 0.68 | 3,210 | 4,487 | 5,902 | 6,876 |
| 3 | 1.02 | 1,427 | 1,994 | 2,623 | 3,056 |
| 4 | 1.36 | 802 | 1,122 | 1,476 | 1,719 |
| 5 | 1.70 | 514 | 718 | 944 | 1,100 |

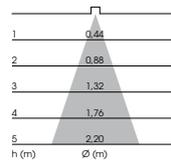
MEDIUM



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

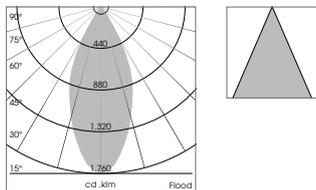
2,080 2,920 3,840 4,470
139 127 113 109

Illuminance [lx]



| | | | | | |
|---|------|-------|--------|--------|--------|
| 1 | 0.44 | 8,229 | 11,552 | 15,192 | 17,684 |
| 2 | 0.88 | 2,057 | 2,888 | 3,798 | 4,421 |
| 3 | 1.32 | 914 | 1,284 | 1,688 | 1,965 |
| 4 | 1.76 | 514 | 722 | 949 | 1,105 |
| 5 | 2.20 | 329 | 462 | 608 | 707 |

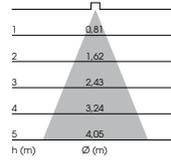
FLOOD



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

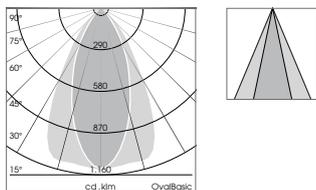
2,160 3,030 3,980 4,630
144 132 117 113

Illuminance [lx]



| | | | | | |
|---|------|-------|-------|-------|-------|
| 1 | 0.81 | 3,801 | 5,332 | 7,003 | 8,147 |
| 2 | 1.62 | 950 | 1,333 | 1,751 | 2,037 |
| 3 | 2.43 | 422 | 592 | 778 | 905 |
| 4 | 3.24 | 238 | 333 | 438 | 509 |
| 5 | 4.05 | 152 | 213 | 280 | 326 |

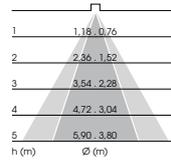
OVALBASIC



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

2,080 2,920 3,840 4,470
139 127 113 109

Illuminance [lx]



| | | | | | |
|---|------------|-------|-------|-------|-------|
| 1 | 1.18, 0.76 | 2,348 | 3,296 | 4,334 | 5,045 |
| 2 | 2.36, 1.52 | 587 | 824 | 1,084 | 1,261 |
| 3 | 3.54, 2.28 | 261 | 366 | 482 | 561 |
| 4 | 4.72, 3.04 | 147 | 206 | 271 | 315 |
| 5 | 5.90, 3.80 | 94 | 132 | 173 | 202 |

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.

PearlWhite

Colour code

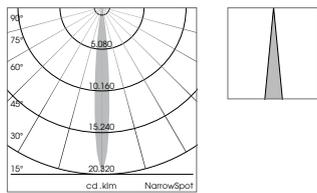
The LED spectrum of this special light colour is below black body. PearlWhite has a colour-intensifying effect and creates an elegant atmosphere in the room. The correlated colour temperature is 3,100 K.

REFLECTORS

WATTAGES

15 W 23 W 34 W 41 W

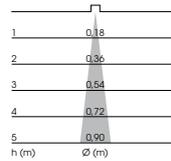
NARROWSPOT



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

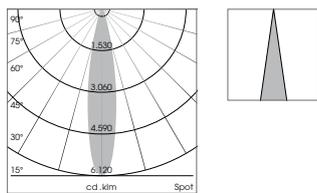
1,120 - - -
75 - - -

Illuminance [lx]



| Illuminance [lx] | 15 W | 23 W | 34 W | 41 W |
|------------------|--------|------|------|------|
| 1 | 22,745 | - | - | - |
| 2 | 5,686 | - | - | - |
| 3 | 2,527 | - | - | - |
| 4 | 1,422 | - | - | - |
| 5 | 910 | - | - | - |

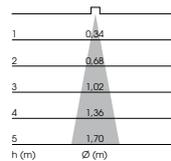
SPOT



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

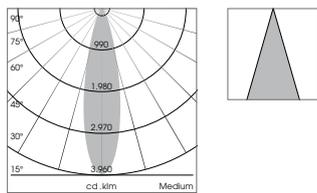
1,680 2,360 3,080 3,570
112 103 91 87

Illuminance [lx]



| Illuminance [lx] | 15 W | 23 W | 34 W | 41 W |
|------------------|--------|--------|--------|--------|
| 1 | 10,222 | 14,360 | 18,741 | 21,722 |
| 2 | 2,556 | 3,590 | 4,685 | 5,431 |
| 3 | 1,136 | 1,596 | 2,082 | 2,414 |
| 4 | 639 | 897 | 1,171 | 1,358 |
| 5 | 409 | 574 | 750 | 869 |

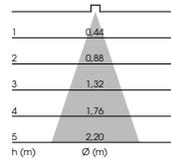
MEDIUM



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

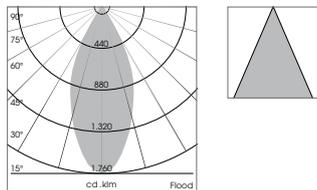
1,660 2,340 3,050 3,530
111 102 90 86

Illuminance [lx]



| Illuminance [lx] | 15 W | 23 W | 34 W | 41 W |
|------------------|-------|-------|--------|--------|
| 1 | 6,567 | 9,257 | 12,066 | 13,965 |
| 2 | 1,642 | 2,314 | 3,017 | 3,491 |
| 3 | 730 | 1,029 | 1,341 | 1,552 |
| 4 | 410 | 579 | 754 | 873 |
| 5 | 263 | 370 | 483 | 559 |

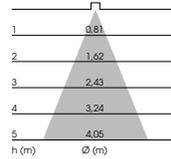
FLOOD



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

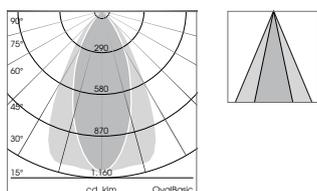
1,720 2,420 3,160 3,660
115 105 93 89

Illuminance [lx]



| Illuminance [lx] | 15 W | 23 W | 34 W | 41 W |
|------------------|-------|-------|-------|-------|
| 1 | 3,027 | 4,258 | 5,560 | 6,440 |
| 2 | 757 | 1,065 | 1,390 | 1,610 |
| 3 | 336 | 473 | 618 | 716 |
| 4 | 189 | 266 | 348 | 403 |
| 5 | 121 | 170 | 222 | 258 |

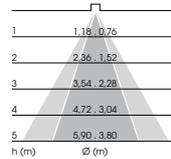
OVALBASIC



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

1,660 2,340 3,050 3,530
111 102 90 86

Illuminance [lx]



| Illuminance [lx] | 15 W | 23 W | 34 W | 41 W |
|------------------|-------|-------|-------|-------|
| 1 | 1,874 | 2,641 | 3,443 | 3,984 |
| 2 | 468 | 660 | 861 | 996 |
| 3 | 208 | 293 | 383 | 443 |
| 4 | 117 | 165 | 215 | 249 |
| 5 | 75 | 106 | 138 | 159 |

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BeColor

Colour code

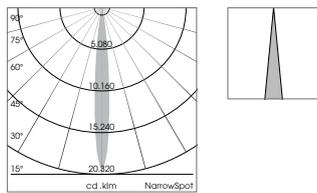
The colour-intensifying LED spectrum of the special light colour is below the Planck curve (below black body). The surfaces appear both rich and brilliant. The correlated colour temperature is 3,500 K.

REFLECTORS

WATTAGES

15W 23W 34W 41W

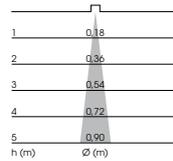
NARROWSPOT



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

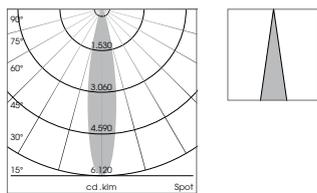
990 - - -
66 - - -

Illuminance [lx]



| Illuminance [lx] | 15W | 23W | 34W | 41W |
|------------------|--------|-----|-----|-----|
| 1 | 20,105 | - | - | - |
| 2 | 5,026 | - | - | - |
| 3 | 2,234 | - | - | - |
| 4 | 1,257 | - | - | - |
| 5 | 804 | - | - | - |

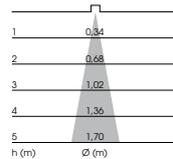
SPOT



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

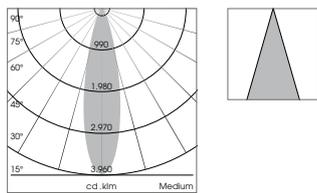
1,370 1,960 2,620 3,090
91 85 77 75

Illuminance [lx]



| Illuminance [lx] | 15W | 23W | 34W | 41W |
|------------------|-------|--------|--------|--------|
| 1 | 8,336 | 11,926 | 15,942 | 18,801 |
| 2 | 2,084 | 2,981 | 3,985 | 4,700 |
| 3 | 926 | 1,325 | 1,771 | 2,089 |
| 4 | 521 | 745 | 996 | 1,175 |
| 5 | 333 | 477 | 638 | 752 |

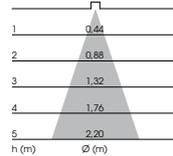
MEDIUM



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

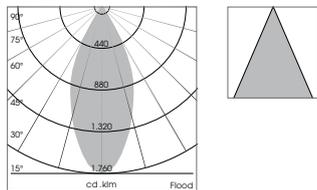
1,360 1,940 2,590 3,060
91 84 76 75

Illuminance [lx]



| Illuminance [lx] | 15W | 23W | 34W | 41W |
|------------------|-------|-------|--------|--------|
| 1 | 5,380 | 7,675 | 10,247 | 12,106 |
| 2 | 1,345 | 1,919 | 2,562 | 3,026 |
| 3 | 598 | 853 | 1,139 | 1,345 |
| 4 | 336 | 480 | 640 | 757 |
| 5 | 215 | 307 | 410 | 484 |

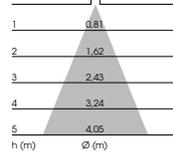
FLOOD



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

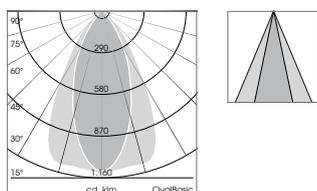
1,410 2,010 2,680 3,170
94 87 79 77

Illuminance [lx]



| Illuminance [lx] | 15W | 23W | 34W | 41W |
|------------------|-------|-------|-------|-------|
| 1 | 2,481 | 3,537 | 4,716 | 5,578 |
| 2 | 620 | 884 | 1,179 | 1,394 |
| 3 | 276 | 393 | 524 | 620 |
| 4 | 155 | 221 | 295 | 349 |
| 5 | 99 | 141 | 189 | 223 |

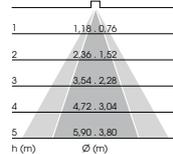
OVALBASIC



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

1,360 1,940 2,590 3,060
91 84 76 75

Illuminance [lx]



| Illuminance [lx] | 15W | 23W | 34W | 41W |
|------------------|-------|-------|-------|-------|
| 1 | 1,535 | 2,190 | 2,923 | 3,454 |
| 2 | 384 | 547 | 731 | 863 |
| 3 | 171 | 243 | 325 | 384 |
| 4 | 96 | 137 | 183 | 216 |
| 5 | 61 | 88 | 117 | 138 |

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BeCool

Colour code

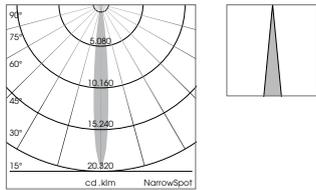
BeCool is a special light colour with an LED spectrum below the Planck curve (below black body). The colour-intensified impression of the illuminated surfaces or body colours appears cool and saturated. The correlated colour temperature is 4,000 K.

REFLECTORS

WATTAGES

15W 23W 34W 41W

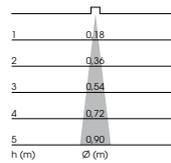
NARROWSPOT



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

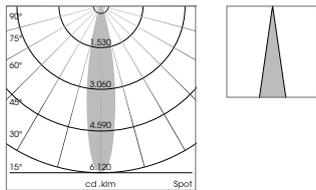
1,060 - - -
71 - - -

Illuminance [lx]



| Illuminance [lx] | 15W | 23W | 34W | 41W |
|------------------|--------|-----|-----|-----|
| 1 | 21,526 | - | - | - |
| 2 | 5,382 | - | - | - |
| 3 | 2,392 | - | - | - |
| 4 | 1,345 | - | - | - |
| 5 | 861 | - | - | - |

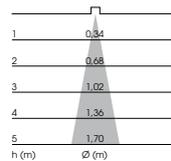
SPOT



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

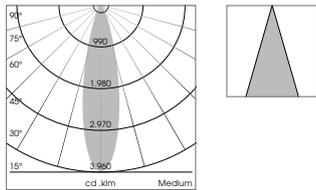
1,410 2,010 2,690 3,170
94 87 79 77

Illuminance [lx]



| Illuminance [lx] | 15W | 23W | 34W | 41W |
|------------------|-------|--------|--------|--------|
| 1 | 8,579 | 12,230 | 16,368 | 19,288 |
| 2 | 2,145 | 3,058 | 4,092 | 4,822 |
| 3 | 953 | 1,359 | 1,819 | 2,143 |
| 4 | 536 | 764 | 1,023 | 1,206 |
| 5 | 343 | 489 | 655 | 772 |

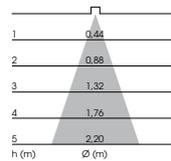
MEDIUM



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

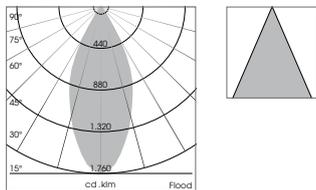
1,390 1,990 2,660 3,140
93 87 78 77

Illuminance [lx]



| Illuminance [lx] | 15W | 23W | 34W | 41W |
|------------------|-------|-------|--------|--------|
| 1 | 5,499 | 7,873 | 10,523 | 12,422 |
| 2 | 1,375 | 1,968 | 2,631 | 3,106 |
| 3 | 611 | 875 | 1,169 | 1,380 |
| 4 | 344 | 492 | 658 | 776 |
| 5 | 220 | 315 | 421 | 497 |

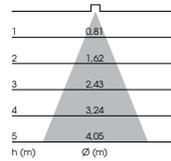
FLOOD



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

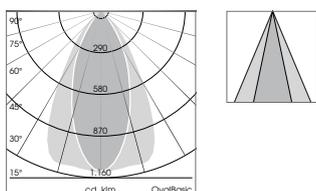
1,440 2,060 2,750 3,250
96 89 81 79

Illuminance [lx]



| Illuminance [lx] | 15W | 23W | 34W | 41W |
|------------------|-------|-------|-------|-------|
| 1 | 2,534 | 3,625 | 4,839 | 5,719 |
| 2 | 633 | 906 | 1,210 | 1,430 |
| 3 | 282 | 403 | 538 | 635 |
| 4 | 158 | 227 | 302 | 357 |
| 5 | 101 | 145 | 194 | 229 |

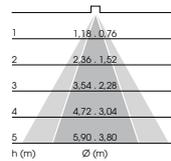
OVALBASIC



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

1,390 1,990 2,660 3,140
93 87 78 77

Illuminance [lx]



| Illuminance [lx] | 15W | 23W | 34W | 41W |
|------------------|-------|-------|-------|-------|
| 1 | 1,569 | 2,246 | 3,002 | 3,544 |
| 2 | 392 | 562 | 751 | 886 |
| 3 | 174 | 250 | 334 | 394 |
| 4 | 98 | 140 | 188 | 222 |
| 5 | 63 | 90 | 120 | 142 |

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GoldenBread

Colour code

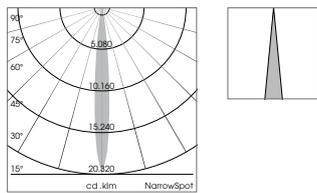
GoldenBread is among the product-specific LED spectrums with a correlated colour temperature of 2.500 K. In particular it produces a saturated rendering of rich golden-brown colours. The spectrum is ideal for illuminating fresh bread and bakery products.

REFLECTORS

WATTAGES

15W 23W 34W 41W

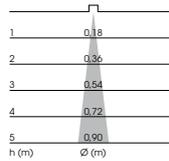
NARROWSPOT



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

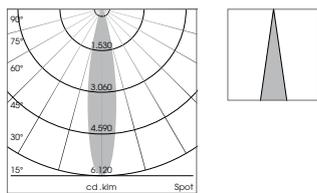
1,120 - - -
74 - - -

Illuminance [lx]



22,745 - - -
5,686 - - -
2,527 - - -
1,422 - - -
910 - - -

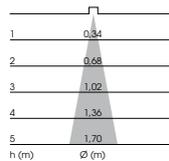
SPOT



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

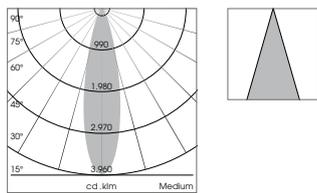
1,600 2,270 2,990 3,490
107 99 88 85

Illuminance [lx]



9,735 13,812 18,193 21,235
2,434 3,453 4,548 5,309
1,082 1,535 2,021 2,359
608 863 1,137 1,327
389 552 728 849

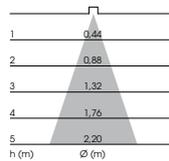
MEDIUM



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

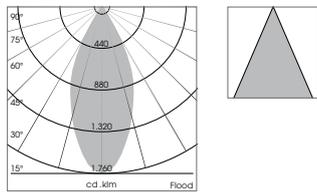
1,580 2,240 2,960 3,450
105 97 87 84

Illuminance [lx]



6,251 8,862 11,710 13,649
1,563 2,215 2,928 3,412
695 985 1,301 1,517
391 554 732 853
250 354 468 546

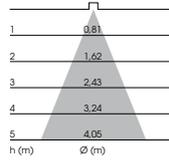
FLOOD



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

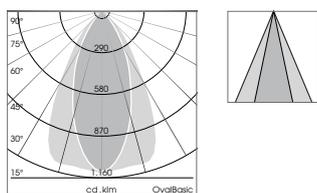
1,640 2,320 3,060 3,570
109 101 90 87

Illuminance [lx]



2,886 4,082 5,384 6,282
721 1,021 1,346 1,570
321 454 598 698
180 255 337 393
115 163 215 251

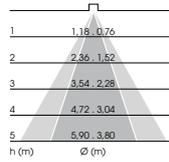
OVALBASIC



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

1,580 2,240 2,960 3,450
105 97 87 84

Illuminance [lx]



1,783 2,528 3,341 3,894
446 632 835 974
198 281 371 433
111 158 209 243
71 101 134 156

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Sun

Colour code

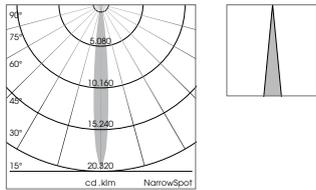
Sun intensifies all warm colours. The LED spectrum of the special light colour is both colour saturating and product specific, and its optimal application is the illumination of fresh fruit and vegetables or in comparable non-food sectors. The correlated colour temperature is 2,400 K.

REFLECTORS

WATTAGES

15W 23W 34W 41W

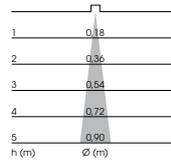
NARROWSPOT



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

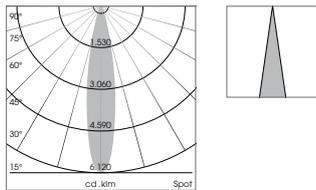
990 - - -
66 - - -

Illuminance [lx]



20,105 - - -
5,026 - - -
2,234 - - -
1,257 - - -
804 - - -

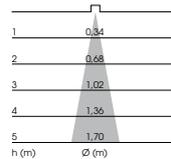
SPOT



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

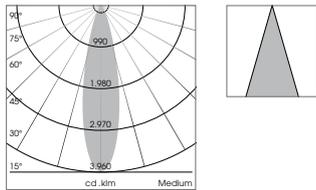
1,000 1,380 1,760 2,000
67 60 52 49

Illuminance [lx]



6,085 8,397 10,709 12,169
1,521 2,099 2,677 3,042
676 933 1,190 1,352
380 525 669 761
243 336 428 487

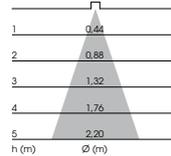
MEDIUM



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

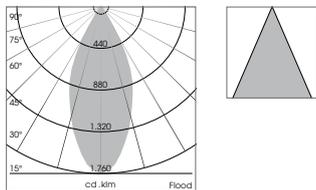
990 1,370 1,740 1,980
66 60 51 48

Illuminance [lx]



3,917 5,420 6,884 7,833
979 1,355 1,721 1,958
435 602 765 870
245 339 430 490
157 217 275 313

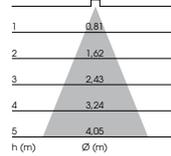
FLOOD



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

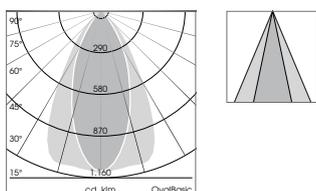
1,020 1,420 1,810 2,050
68 62 53 50

Illuminance [lx]



1,795 2,499 3,185 3,607
449 625 796 902
199 278 354 401
112 156 199 225
72 100 127 144

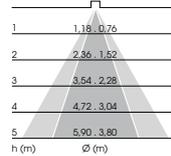
OVALBASIC



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

990 1,370 1,740 1,980
66 60 51 48

Illuminance [lx]



1,117 1,546 1,964 2,235
279 387 491 559
124 172 218 248
70 97 123 140
45 62 79 89

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Fish&Seafood

Colour code

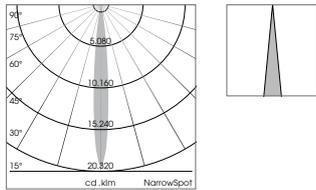
Fish&Seafood is among the product-specific LED spectrums with a correlated colour temperature of 4,020 K. The chromaticity point is specially coordinated to the presentation of seafood. Due to the high red component, this special light colour is also suited to the illumination of fresh meat and cold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

REFLECTORS

WATTAGES

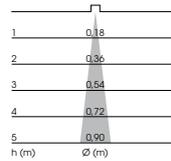
15W 23W 34W 41W

NARROWSPOT



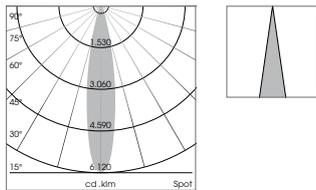
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



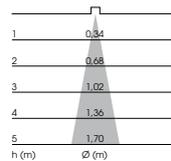
| | | | | |
|-------|-------|---|---|---|
| | - | - | - | - |
| | - | - | - | - |
| 1 | 0.18 | - | - | - |
| 2 | 0.36 | - | - | - |
| 3 | 0.54 | - | - | - |
| 4 | 0.72 | - | - | - |
| 5 | 0.90 | - | - | - |
| h (m) | Ø (m) | | | |

SPOT



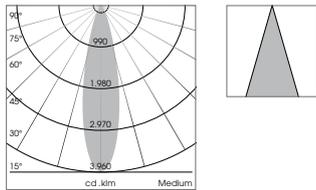
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



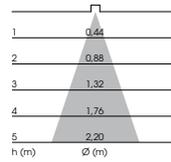
| | | | | |
|-------|-------|-------|--------|---|
| | 1,090 | 1,530 | 2,010 | - |
| | 73 | 67 | 59 | - |
| 1 | 6,632 | 9,309 | 12,230 | - |
| 2 | 1,658 | 2,327 | 3,058 | - |
| 3 | 737 | 1,034 | 1,359 | - |
| 4 | 415 | 582 | 764 | - |
| 5 | 265 | 372 | 489 | - |
| h (m) | Ø (m) | | | |

MEDIUM



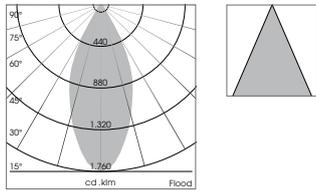
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



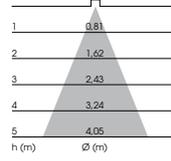
| | | | | |
|-------|-------|-------|-------|---|
| | 1,080 | 1,510 | 1,990 | - |
| | 72 | 65 | 58 | - |
| 1 | 4,273 | 5,974 | 7,873 | - |
| 2 | 1,068 | 1,493 | 1,968 | - |
| 3 | 475 | 664 | 875 | - |
| 4 | 267 | 373 | 492 | - |
| 5 | 171 | 239 | 315 | - |
| h (m) | Ø (m) | | | |

FLOOD



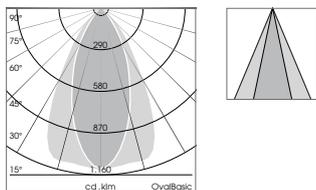
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



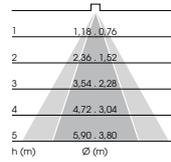
| | | | | |
|-------|-------|-------|-------|---|
| | 1,120 | 1,570 | 2,060 | - |
| | 74 | 68 | 60 | - |
| 1 | 1,971 | 2,763 | 3,625 | - |
| 2 | 493 | 691 | 906 | - |
| 3 | 219 | 307 | 403 | - |
| 4 | 123 | 173 | 227 | - |
| 5 | 79 | 111 | 145 | - |
| h (m) | Ø (m) | | | |

OVALBASIC



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

Illuminance [lx]



| | | | | |
|-------|-------|-------|-------|---|
| | 1,080 | 1,510 | 1,990 | - |
| | 72 | 65 | 58 | - |
| 1 | 1,219 | 1,704 | 2,246 | - |
| 2 | 305 | 426 | 562 | - |
| 3 | 135 | 189 | 250 | - |
| 4 | 76 | 107 | 140 | - |
| 5 | 49 | 68 | 90 | - |
| h (m) | Ø (m) | | | |

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SpecialMeat

Colour code

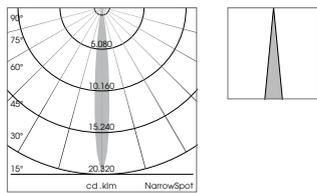
SpecialMeat is the special light colour for the illumination of fresh meat and cold cuts and can be regarded as a modern LED successor to the proven SDW-T/ patented filter variant. The LED spectrum has a correlated colour temperature of 1,900 K.

REFLECTORS

WATTAGES

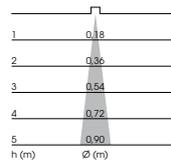
15 W 23 W 34 W 41 W

NARROWSPOT



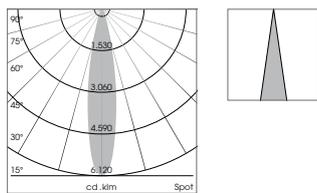
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



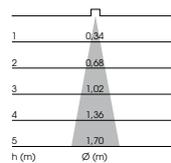
| | | | | |
|-------|-------|---|---|---|
| | - | - | - | - |
| | - | - | - | - |
| 1 | 0.18 | - | - | - |
| 2 | 0.36 | - | - | - |
| 3 | 0.54 | - | - | - |
| 4 | 0.72 | - | - | - |
| 5 | 0.90 | - | - | - |
| h (m) | Ø (m) | | | |

SPOT



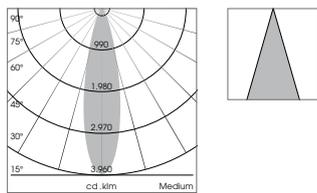
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



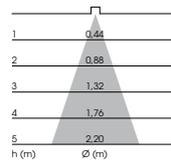
| | | | | |
|-------|-------|-------|--------|--------|
| | 930 | 1,300 | 1,700 | 1,990 |
| | 62 | 57 | 50 | 49 |
| 1 | 5,659 | 7,910 | 10,344 | 12,108 |
| 2 | 1,415 | 1,977 | 2,586 | 3,027 |
| 3 | 629 | 879 | 1,149 | 1,345 |
| 4 | 354 | 494 | 646 | 757 |
| 5 | 226 | 316 | 414 | 484 |
| h (m) | Ø (m) | | | |

MEDIUM



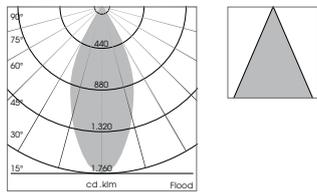
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



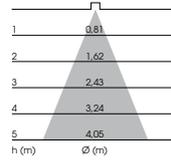
| | | | | |
|-------|-------|-------|-------|-------|
| | 920 | 1,280 | 1,690 | 1,960 |
| | 61 | 56 | 50 | 48 |
| 1 | 3,640 | 5,064 | 6,686 | 7,754 |
| 2 | 910 | 1,266 | 1,671 | 1,939 |
| 3 | 404 | 563 | 743 | 862 |
| 4 | 227 | 316 | 418 | 485 |
| 5 | 146 | 203 | 267 | 310 |
| h (m) | Ø (m) | | | |

FLOOD



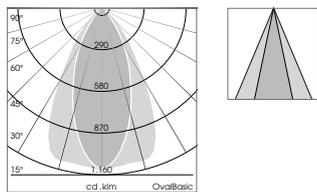
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



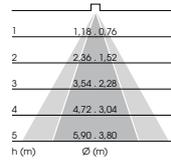
| | | | | |
|-------|-------|-------|-------|-------|
| | 950 | 1,330 | 1,750 | 2,030 |
| | 63 | 58 | 51 | 50 |
| 1 | 1,672 | 2,340 | 3,079 | 3,572 |
| 2 | 418 | 585 | 770 | 893 |
| 3 | 186 | 260 | 342 | 397 |
| 4 | 104 | 146 | 192 | 223 |
| 5 | 67 | 94 | 123 | 143 |
| h (m) | Ø (m) | | | |

OVALBASIC



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

Illuminance [lx]



| | | | | |
|-------|-------|-------|-------|-------|
| | 920 | 1,280 | 1,690 | 1,960 |
| | 61 | 56 | 50 | 48 |
| 1 | 1,038 | 1,445 | 1,908 | 2,212 |
| 2 | 260 | 361 | 477 | 553 |
| 3 | 115 | 161 | 212 | 246 |
| 4 | 65 | 90 | 119 | 138 |
| 5 | 42 | 58 | 76 | 88 |
| h (m) | Ø (m) | | | |

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 CX

| REFLECTOR | COLOUR | 927 | 830 | 835 | 840 | PEARL WHITE | BECOLOR | BECOO | GOLDEN BREAD | SUN | * FISH & SEAFOOD | SPECIAL MEAT |
|---|--------|----------|----------|----------|----------|-------------|----------|----------|--------------|----------|------------------|--------------|
| DIRECTIONAL SPOT | | | | | | | | | | | | |
| 15 W | | | | | | | | | | | | |
| NarrowSpot 10° | ■ | 51350004 | 51350001 | 51350002 | 51350003 | - | 51350005 | 51350006 | - | - | - | - |
| | □ | 51350010 | 51350007 | 51350008 | 51350009 | - | 51350011 | 51350012 | - | - | - | - |
| 15/23/34/41 W | | | | | | | | | | | | |
| Spot 20° | ■ | 51360004 | 51360001 | 51360002 | 51360003 | 51360010 | 51360005 | 51360006 | 51360009 | 51360012 | 51360007 | 51360011 |
| | □ | 51360016 | 51360013 | 51360014 | 51360015 | 51360022 | 51360017 | 51360018 | 51360021 | 51360024 | 51360019 | 51360023 |
| Medium 25° | ■ | 51370004 | 51370001 | 51370002 | 51370003 | 51370010 | 51370005 | 51370006 | 51370009 | 51370012 | 51370007 | 51370011 |
| | □ | 51370016 | 51370013 | 51370014 | 51370015 | 51370022 | 51370017 | 51370018 | 51370021 | 51370024 | 51370019 | 51370023 |
| Flood 44° | ■ | 51380004 | 51380001 | 51380002 | 51380003 | 51380010 | 51380005 | 51380006 | 51380009 | 51380012 | 51380007 | 51380011 |
| | □ | 51380016 | 51380013 | 51380014 | 51380015 | 51380022 | 51380017 | 51380018 | 51380021 | 51380024 | 51380019 | 51380022 |
| OvalBasic 40° x 60° | ■ | 51390004 | 51390001 | 51390002 | 51390003 | 51390010 | 51390005 | 51390006 | 51390009 | 51390012 | 51390007 | 51390011 |
| | □ | 51390016 | 51390013 | 51390014 | 51390015 | 51390022 | 51390017 | 51390018 | 51390021 | 51390024 | 51390019 | 51390023 |
| ■ = Front ring black, trim black □ = Front ring white, trim black | | | | | | | | | | | | |
| DIRECTIONAL SPOT, FLUSH WITH THE CEILING | | | | | | | | | | | | |
| 15 W | | | | | | | | | | | | |
| NarrowSpot 10° | ■ | 51430004 | 51430001 | 51430002 | 51430003 | - | 51430005 | 51430006 | - | - | - | - |
| 15/23/34/41 W | | | | | | | | | | | | |
| Spot 20° | ■ | 51440004 | 51440001 | 51440002 | 51440003 | 51440010 | 51440005 | 51440006 | 51440009 | 51440012 | 51440007 | 51440011 |
| | ■ | 51450004 | 51450001 | 51450002 | 51450003 | 51450010 | 51450005 | 51450006 | 51450009 | 51450012 | 51450007 | 51450011 |
| Flood 44° | ■ | 51460004 | 51460001 | 51460002 | 51460003 | 51460010 | 51460005 | 51460006 | 51460009 | 51460012 | 51460007 | 51460011 |
| | ■ | 51470004 | 51470001 | 51470002 | 51470003 | 51470010 | 51470005 | 51470006 | 51470009 | 51470012 | 51470007 | 51470011 |
| ■ = Trim black | | | | | | | | | | | | |
| WALLWASHER | | | | | | | | | | | | |
| 15/23/34/41 W | | | | | | | | | | | | |
| WallWash | ■ | 51400004 | 51400001 | 51400002 | 51400003 | 51400010 | 51400005 | 51400006 | 51400009 | 51400012 | 51400007 | 51400011 |
| | □ | 51400016 | 51400013 | 51400014 | 51400015 | 51400022 | 51400017 | 51400018 | 51400021 | 51400024 | 51400019 | 51400023 |
| ■ = Front ring black, trim black, kick reflector black □ = Front ring white, trim black, kick reflector black | | | | | | | | | | | | |
| WALLWASHER, FLUSH WITH THE CEILING | | | | | | | | | | | | |
| 15/23/34/41 W | | | | | | | | | | | | |
| WallWash | ■ | 51480004 | 51480001 | 51480002 | 51480003 | 51480010 | 51480005 | 51480006 | 51480009 | 51480012 | 51480007 | 51480011 |
| ■ = Trim black, kick reflector black | | | | | | | | | | | | |
| DOWNLIGHT | | | | | | | | | | | | |
| 15/23/34/41 W | | | | | | | | | | | | |
| 60° | ■ | 51410004 | 51410001 | 51410002 | 51410003 | 51410010 | 51410005 | 51410006 | 51410009 | 51410012 | 51410007 | 51410011 |
| | □ | 51410016 | 51410013 | 51410014 | 51410015 | 51410022 | 51410017 | 51410018 | 51410021 | 51410024 | 51410019 | 51410023 |
| ■ = Front ring black □ = Front ring white | | | | | | | | | | | | |
| DOWNLIGHT WITH CONTROL LED FOR EMERGENCY LIGHTING (FOR USE IN COMBINATION WITH EMERGENCY LIGHTING SET) | | | | | | | | | | | | |
| 23/34/41 W | | | | | | | | | | | | |
| 60° | ■ | 51570004 | 51570001 | 51570002 | 51570003 | - | - | - | - | - | - | - |
| | □ | 51570008 | 51570005 | 51570006 | 51570007 | - | - | - | - | - | - | - |
| ■ = Front ring black □ = Front ring white | | | | | | | | | | | | |
| DOWNLIGHT, FLUSH WITH THE CEILING | | | | | | | | | | | | |
| 15/23/34/41 W | | | | | | | | | | | | |
| 60° | | 51490004 | 51490001 | 51490002 | 51490003 | 51490010 | 51490005 | 51490006 | 51490009 | 51490012 | 51490007 | 51490011 |

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.

CX PRODUCT OVERVIEW

The 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. Please order driver units separately.

DRIVER UNIT

| | | | | | |
|------------------|-----------|-----------------|------|-----------|-----------------|
| Constant current | 76500050 | [400 mA/15 W] | DALI | 76500051 | [400 mA/15 W] |
| | 76500034 | [600 mA/23 W] | | 76500039 | [600 mA/23 W] |
| | 76500035 | [700 mA/28 W] | | 76500040 | [700 mA/28 W] |
| | 76500076* | [850 mA/34 W] | | 76500077* | [850 mA/34 W] |
| | 76500037 | [1,050 mA/41 W] | | 76500042 | [1,050 mA/41 W] |

* = max. 850 mA/34 Watt for Fish&Seafood

| | | | | | |
|-----------------------|-----------|-----------------|-----------|-----------|-----------------|
| Constant current IP54 | 76500101 | [400 mA/15 W] | DALI IP54 | 76500105 | [400 mA/15 W] |
| | 76500102 | [600 mA/23 W] | | 76500106 | [600 mA/23 W] |
| | 76500103* | [700 mA/28 W] | | 76500107* | [700 mA/28 W] |
| | 76500104 | [850 mA/34 W] | | 76500108 | [850 mA/34 W] |
| | 76500037 | [1,050 mA/41 W] | | 76500042 | [1,050 mA/41 W] |

* = max. 850 mA/34 Watt for Fish&Seafood

For combination with luminaire attachment IP54 (scope of supply without feed-through wiring).

| | | | | | |
|------------------------|----------|-----------------|------------|----------|-----------------|
| Constant current AC/DC | 76500110 | [600 mA/23 W] | DALI AC/DC | 76500112 | [600 mA/23 W] |
| | 76500111 | [850 mA/34 W] | | 76500113 | [850 mA/34 W] |
| | 76500114 | [1,050 mA/41 W] | | 76500115 | [1,050 mA/41 W] |

For operating emergency lighting systems with central battery systems in accordance with DIN EN 50171 | VDE 0558-508 (scope of supply without feed-through wiring).

Emergency lighting set
40020016

Converter and battery pack for emergency lighting function with individual battery in parallel operation with Intara driver (constant current/DALI).

TRIMS AND ATTACHMENTS

DIRECTIONAL SPOT

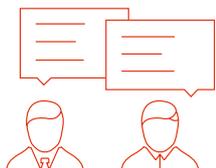
DOWNLIGHT

WALLWASHER

| | | | | |
|-----------------------|---|------------|----------|------------|
| Attachment IP54 | front IP protection (front ring with glued protective glass and sealing ring), cannot be used for ceiling plaster, swivelling range limited to $\pm 7^\circ$ (not for spot) ■ = Front ring black, trim black □ = Front ring white, trim black | ■ 40020005 | - | - |
| | | □ 40020006 | - | - |
| White trim | for replacement with trim, black (standard) | □ 40020003 | - | □ 40020003 |
| | for attachment IP54 | □ 40020004 | - | - |
| | for ceiling plaster | □ 40020004 | - | □ 40020004 |
| Honeycomb louver | | ■ 40020012 | - | - |
| OvalBeam lens | | ■ 40020013 | - | - |
| Fire protection cover | Ø 350 mm, H=230 mm | 40020015 | 40020015 | 40020015 |



BÄRO – Your lighting partner right from the start



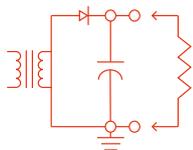
> ADVICE Discover potential.

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



> PLANNING The right lighting for your needs.

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 Together on site.

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

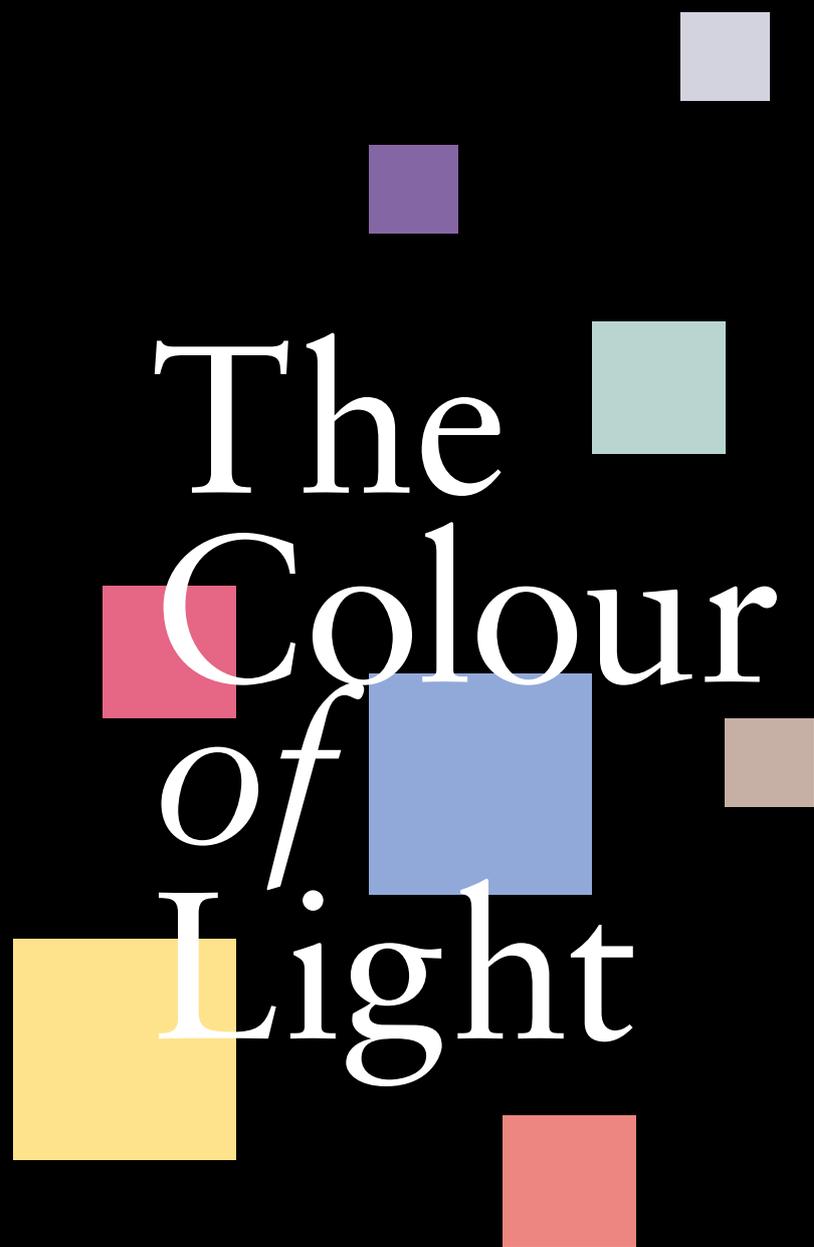
We are pleased to advise you on a leasing concept that suits your specific needs. Together we will draw up a contract that caters to your wishes and the needs of your company. Contact us. We're pleased to assist you.

> CONTACT

Tel.: +49 (0)800 799 1000/E-mail: service@baero.com

Concept and Art Direction:
Meiré und Meiré, Cologne
www.meireundmeire.de

Photography:
Elmar Botschen
Alexander Ring
Alexander Sander



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