

BÄRO

Retail
Lighting

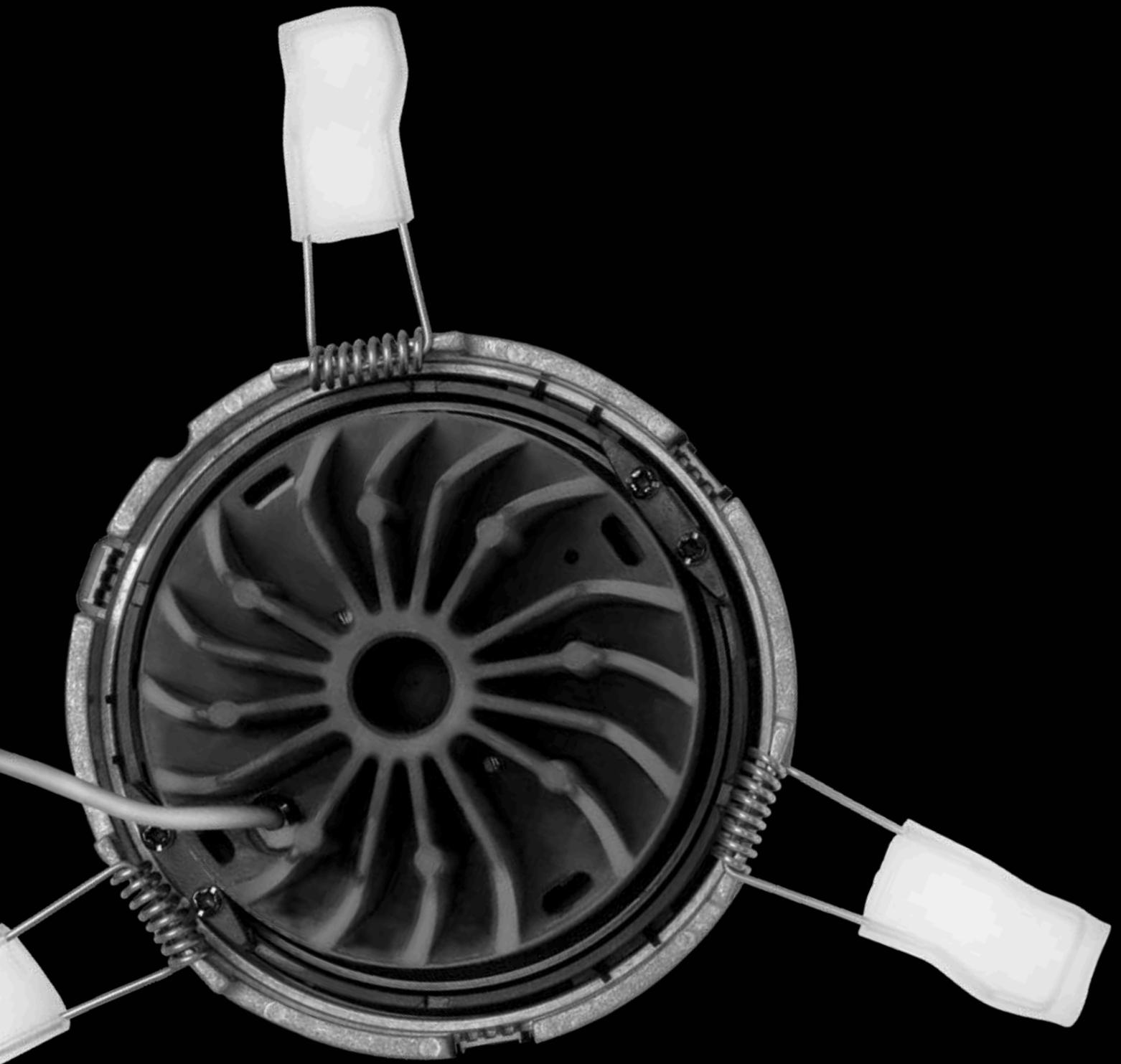
INTARA CX RECESSED LUMINAIRES

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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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 WallBeam



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 program thanks to congruent lighting technology.

- **4 WATTAGES**
17 W (400 mA), 23 W (600 mA),
34 W (850 mA), 41 W (1,050 mA)
- **12 LIGHT COLOURS**
927 . 830 . 835 . 840
PearlWhite . BeCool .
BeColor . BeNature
GoldenBread* . Sun* .
Meat&Fish . SpecialMeat*
* exclusive product-specific
special light colours
- **8 BEAM ANGLES**
NarrowSpot 10° . Spot 20°
Medium 25° . Flood 44°
OvalBasic 40° × 60° .
Downlight 60° . WallWash
WallBeam
- **CONTROL**
On/Off . DALI . Casambi
- **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	Wandwasher / WallBeam
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)

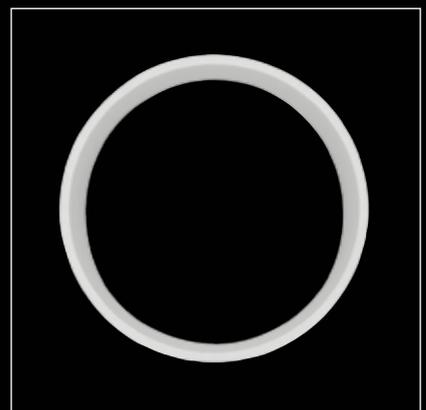
When Intara CX is used as an emergency light with a single battery the control LED is integrated in the fitting ring.



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	BeNature		
Luminaire luminous flux [lm]	3,140	1,470		
System wattage [W]	41	41		
COLOUR SPECTRUM	GoldenBread	Sun		
Luminaire luminous flux [lm]	3,450	2,240		
System wattage [W]	41	41		
COLOUR SPECTRUM	Meat&Fish	SpecialMeat		
Luminaire luminous flux [lm]	2,320	1,960		
System wattage [W]	41	41		



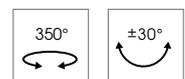
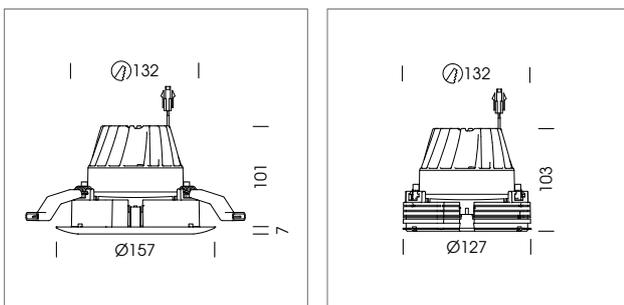
INTARA CX WITH MEDIUM-REFLECTOR

- The maximum system power and the resulting luminaire luminous fluxes for the reflector Medium 25° are stated.
- Available wattages: 17 W, 23 W, 34 W, 41 W (On/Off, DALI, Casambi), max. 34 W for Meat&Fish
- All data are typical values, System features may change with product improvements due to technical advances.

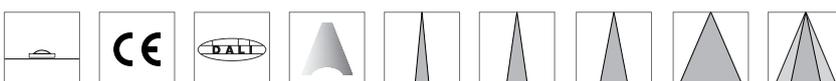
Recessed directional spot with LEDs, rated lamp lifetime of the LEDs L80 / B10 > 50,000 h, chromaticity point tolerance 2 SDCM (initial), 3 SDCM (initial) for SpecialMeat, Meat&Fish, GoldenBread und Sun, LED hybrid technology, (reflector-lens combination for NarrowSpot, Spot, Medium, OvalBasic), 3D silicone 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

COLOUR SPECTRUM	BeNature
Luminaire luminous flux [lm]	1,210
System wattage [W]	41

- The maximum system power and the resulting luminaire luminous fluxes are stated.
- Available wattages: 17 W, 23 W, 34 W, 41 W (On/Off, DALI, Casambi)
- All data are typical values. System features may change with product improvements due to technical advances.

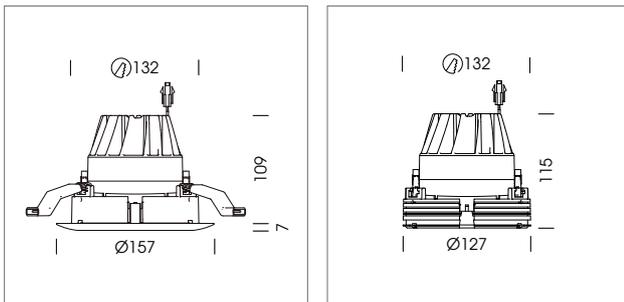


INTARA CX WITH DOWNLIGHT-REFLECTOR

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



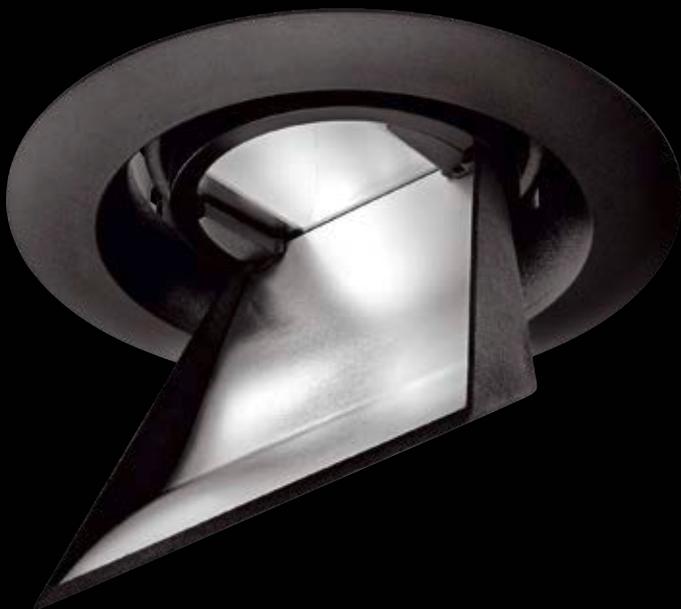
The luminaire luminous flux figures vary in a tolerance range of ± 10%. Further information and light distribution curves can be found from page 31 onwards.



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		BeNature	
Luminaire luminous flux [lm]	2,880		1,350	
System wattage [W]	41		41	
COLOUR SPECTRUM	GoldenBread		Sun	
Luminaire luminous flux [lm]	3,170		2,060	
System wattage [W]	41		41	
COLOUR SPECTRUM	Meat&Fish		SpecialMeat	
Luminaire luminous flux [lm]	2,130		1,800	
System wattage [W]	41		41	



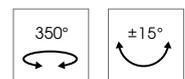
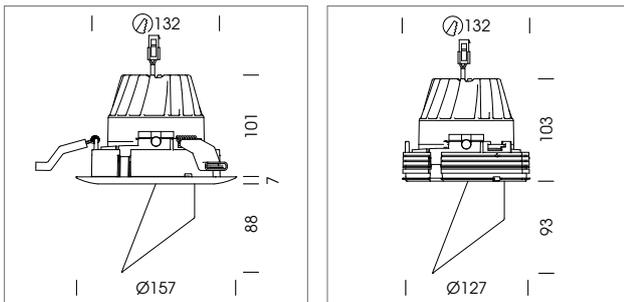
INTARA CX WITH WALLWASH-REFLECTOR

- The maximum system power (DALI) and the resulting luminaire luminous fluxes are stated.
- Available wattages: 17 W, 23 W, 34 W, 41 W (On/Off, DALI, Casambi), max. 34 W for Meat&Fish
- 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, Meat&Fish, 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.



Intara CX WallBeam

HOMOGENEITY ON VERTICAL SURFACES

The WallBeam reflector of the Intara CX illuminates vertical surfaces with a zonal focus in the centre. The kick reflector in front provides for excellent glare control and reflects the light to just below the edge of the ceiling.



INTARA CX
WALLBEAM

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

Intara CX

WallBeam

COLOUR CODE	927	830	835	840
Luminaire luminous flux [lm]	3.410	4.400	4.440	4.560
System wattage [W]	41	41	41	41
COLOUR SPECTRUM	PearlWhite		BeColor	
Luminaire luminous flux [lm]	3.600		3.200	
System wattage [W]	41		41	
COLOUR SPECTRUM	BeCool		BeNature	
Luminaire luminous flux [lm]	2.880		1.490	
System wattage [W]	41		41	
COLOUR SPECTRUM	GoldenBread		Sun	
Luminaire luminous flux [lm]	3.510		2.280	
System wattage [W]	41		41	
COLOUR SPECTRUM	Meat&Fish		SpecialMeat	
Luminaire luminous flux [lm]	2.360		2.000	
System wattage [W]	41		41	



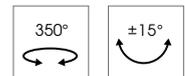
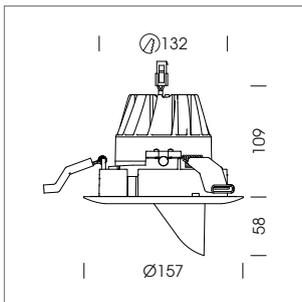
INTARA CX WITH WALLWASH-REFLECTOR

- The maximum system power (DALI) and the resulting luminaire luminous fluxes are stated.
- Available wattages: 17 W, 23 W, 34 W, 41 W (On/Off, DALI, Casambi), max. 34 W for Meat&Fish
- 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, Meat&Fish, 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

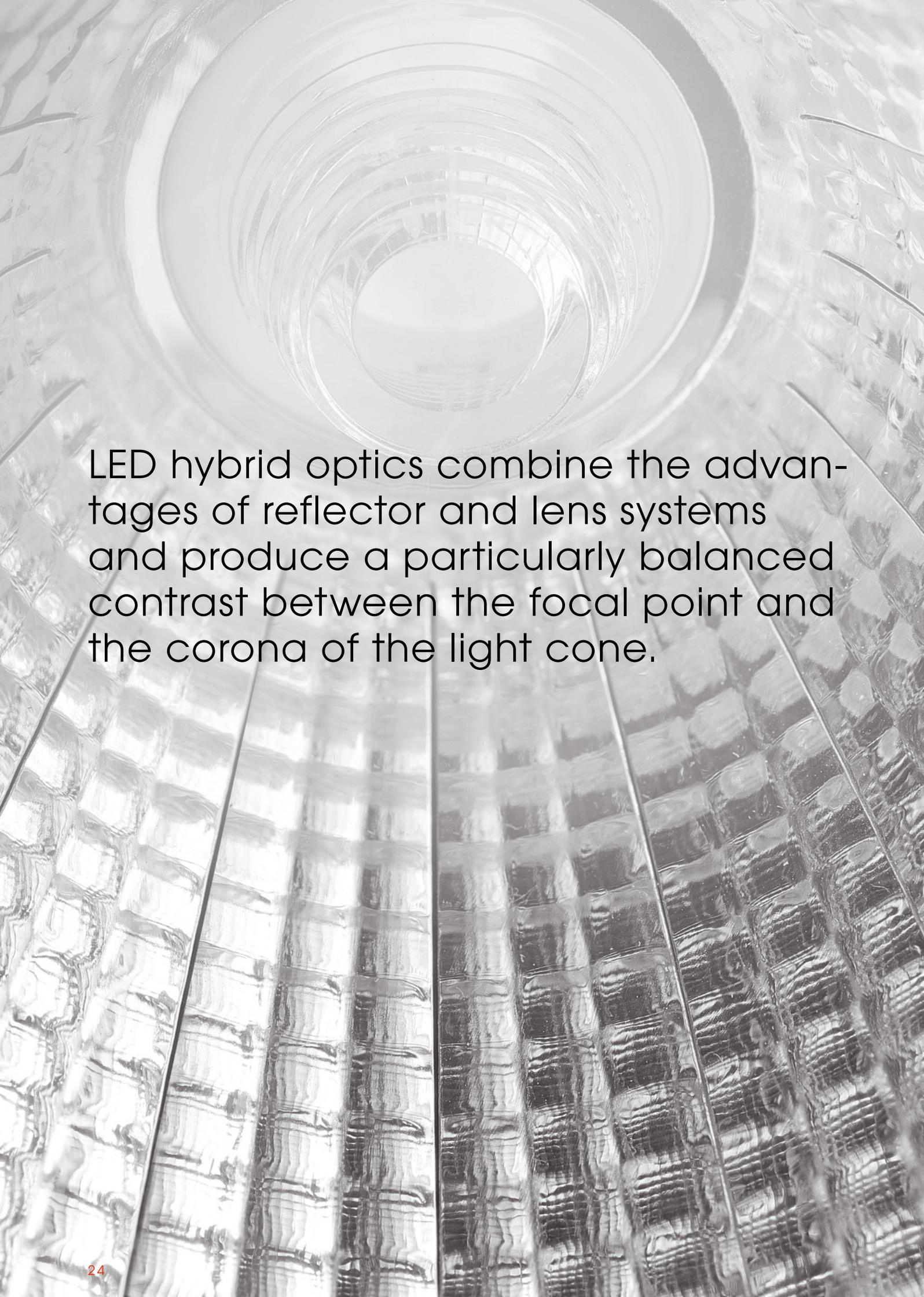
POWER RATINGS AND LIGHT SPECTRUMS

The LED modules of the CX recessed luminaires are available with 4 power ratings and 12 different LED spectrums – 4 standard light colours and 8 special light colours, fine-tuned to the natural colours of all different kinds of applications.





BEAM CHARACTERISTICS
CX wallwasher

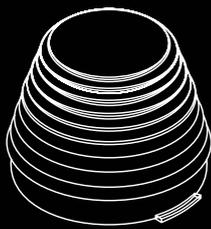


LED hybrid optics combine the advantages of reflector and lens systems and produce a particularly balanced contrast between the focal point and the corona of the light cone.

LED hybrid technology

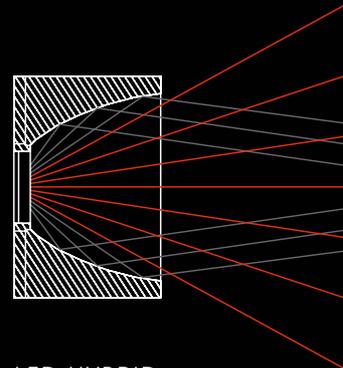
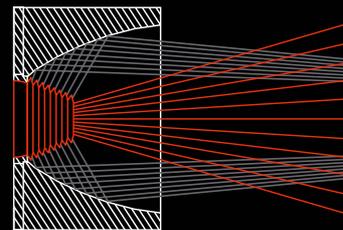
CX TECHNOLOGY

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 $> 150^{\circ}$
- 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

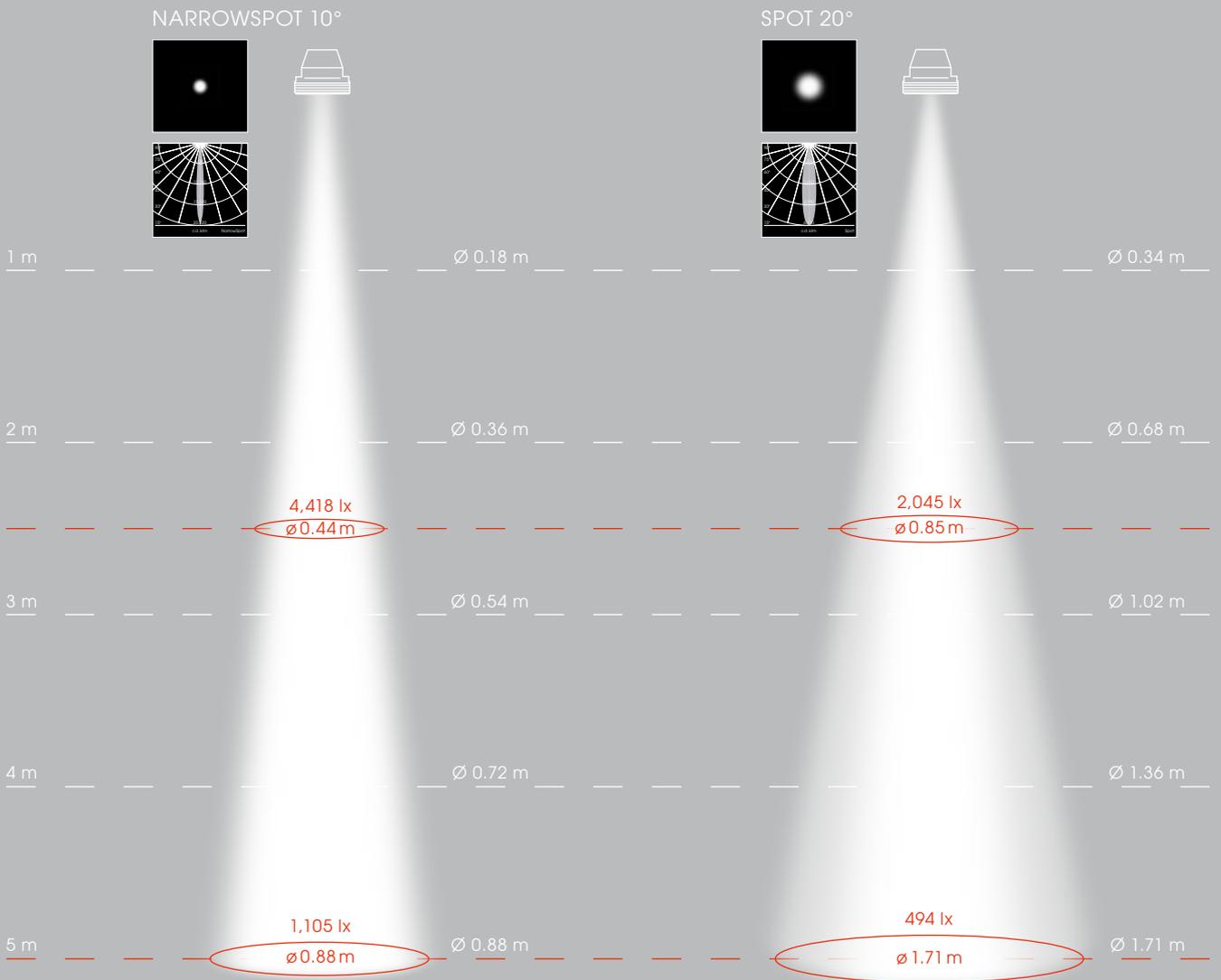


LED HYBRID TECHNOLOGY

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

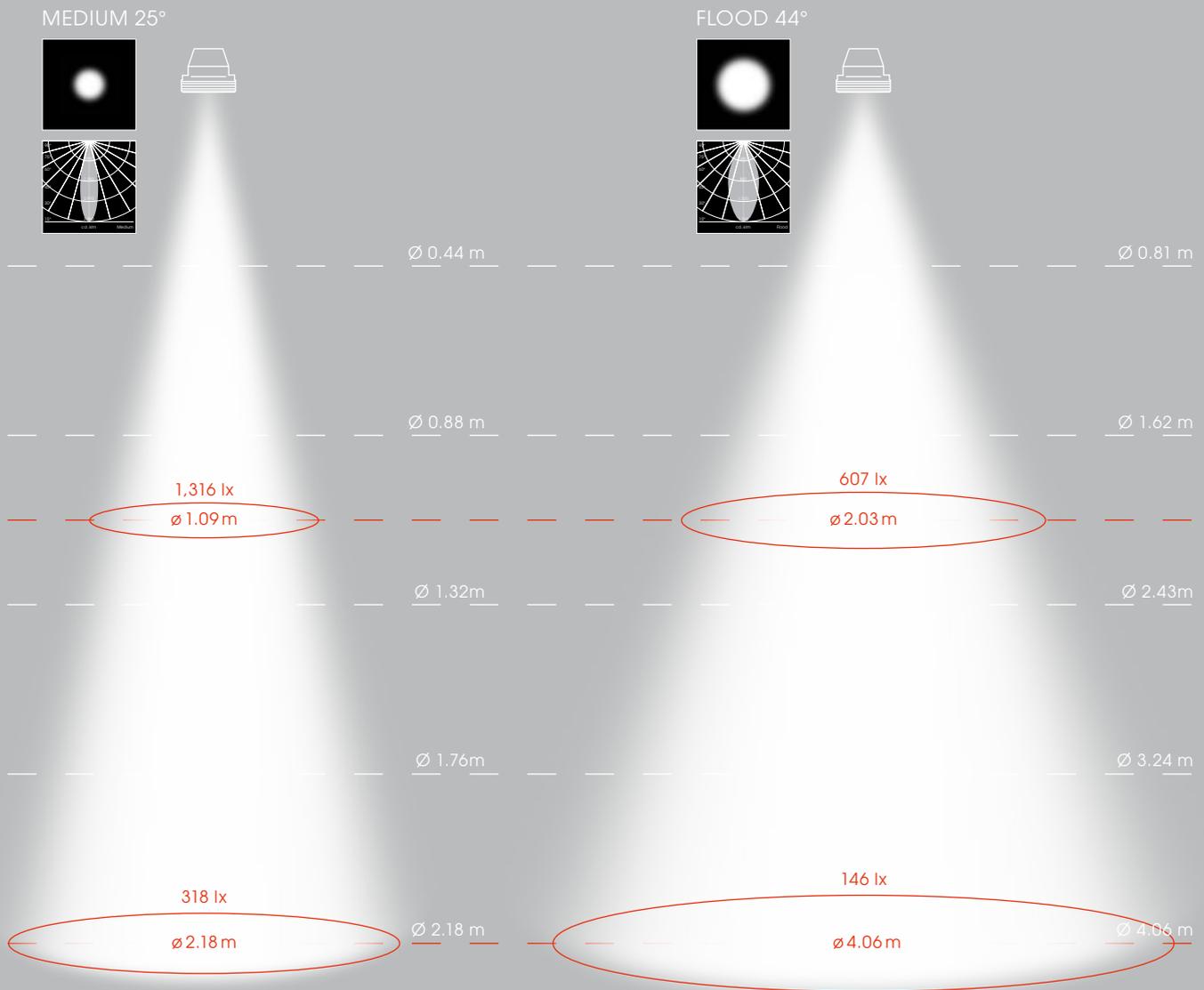
Beam characteristics

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, 17 W, 2,000 lm.

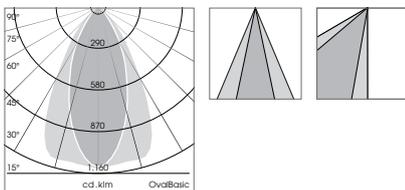
Special light distribution

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°



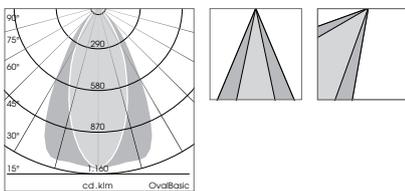
Number of luminaires	5
Distance to illuminated surface [m]	1.00
Distance between luminaires [m]	1.25
Mounting height [m]	3.00

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.

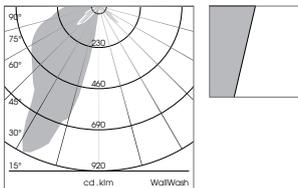
236	275	275	236
812	873	873	812
701	829	829	701
435	563	563	435
305	415	415	305
Illuminance (lx)			

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 . 17 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

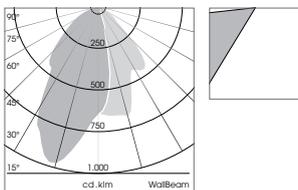
The luminaire luminous flux figures vary in a tolerance range of ± 10%. Please refer to our data sheets at www.baero.com for further technical details on the individual products. All data are typical values. System features may change with product improvements due to technical advances. Errors excepted.

Special light distribution

Examples of horizontal and vertical light channelling

WALLBEAM REFLECTOR

COLOUR CODE	927	830	835	840
System wattage [W]	41	41	41	41
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

215	198	198	200
563	549	528	557
518	553	568	522
480	553	617	499
418	476	538	440

927 . 41 W . 3,410 lm . 83 lm/W

277	255	255	258
726	709	682	719
668	714	733	673
620	714	797	644
539	615	694	568

830 . 41 W . 4,400 lm . 107 lm/W

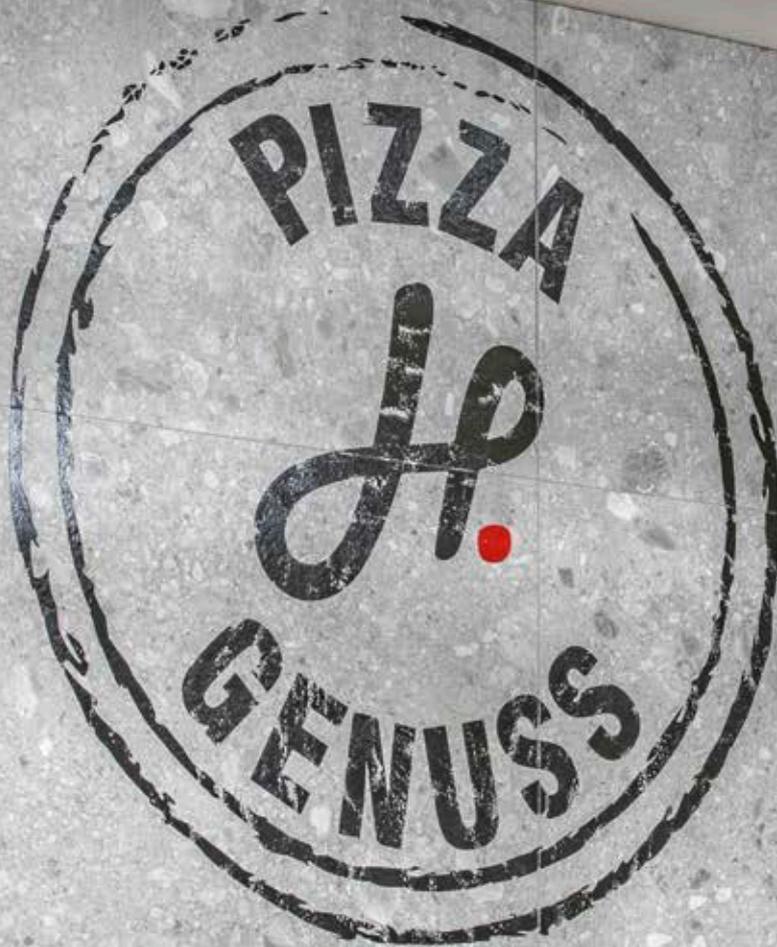
280	258	258	260
732	715	688	725
674	720	740	679
625	720	804	650
544	620	700	573

835 . 41 W . 4,400 lm . 107 lm/W

288	265	265	267
752	735	707	745
693	740	760	698
642	740	826	668
559	637	719	589

840 . 41 W . 4,560 lm . 107 lm/W

The luminaire luminous flux figures vary in a tolerance range of $\pm 10\%$. 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.



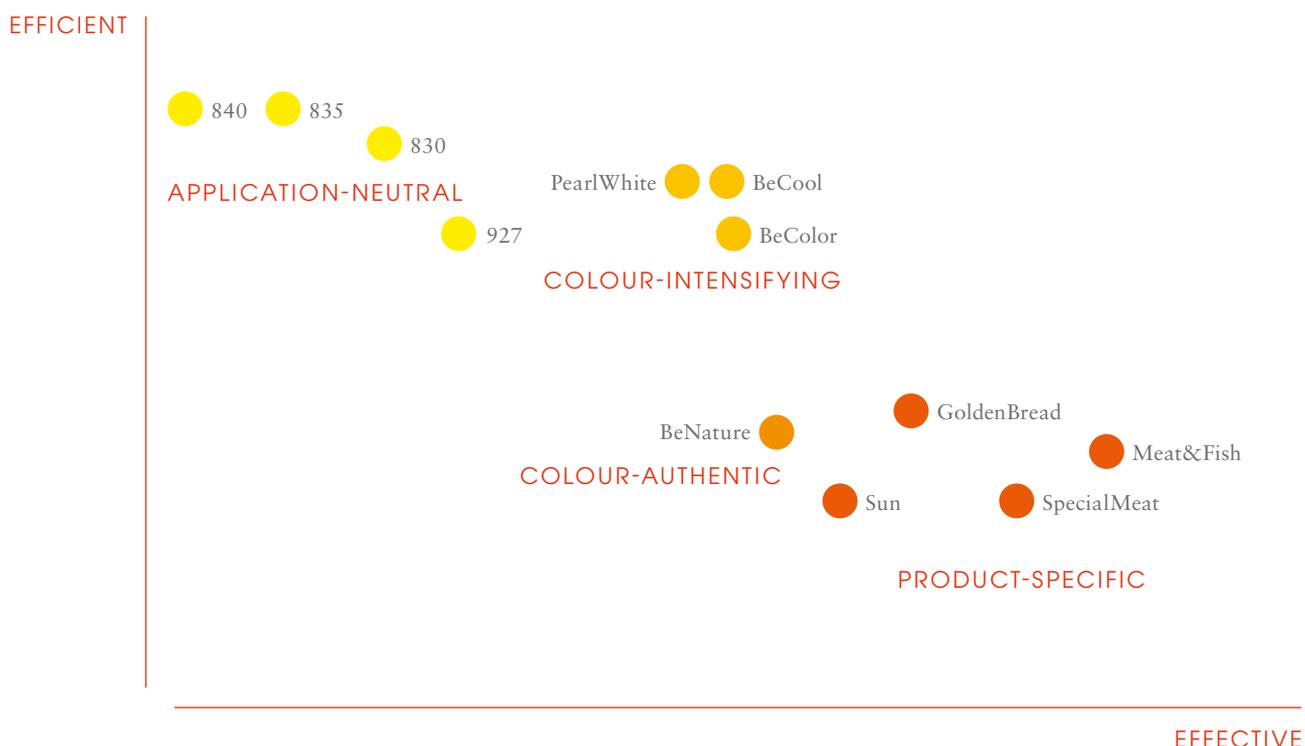
We believe that there is a difference between lighting and light. And that light has the power to touch people, to inspire them and to activate them. With this conviction – and decades of experience – we develop unique BÄRO special light colours.

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

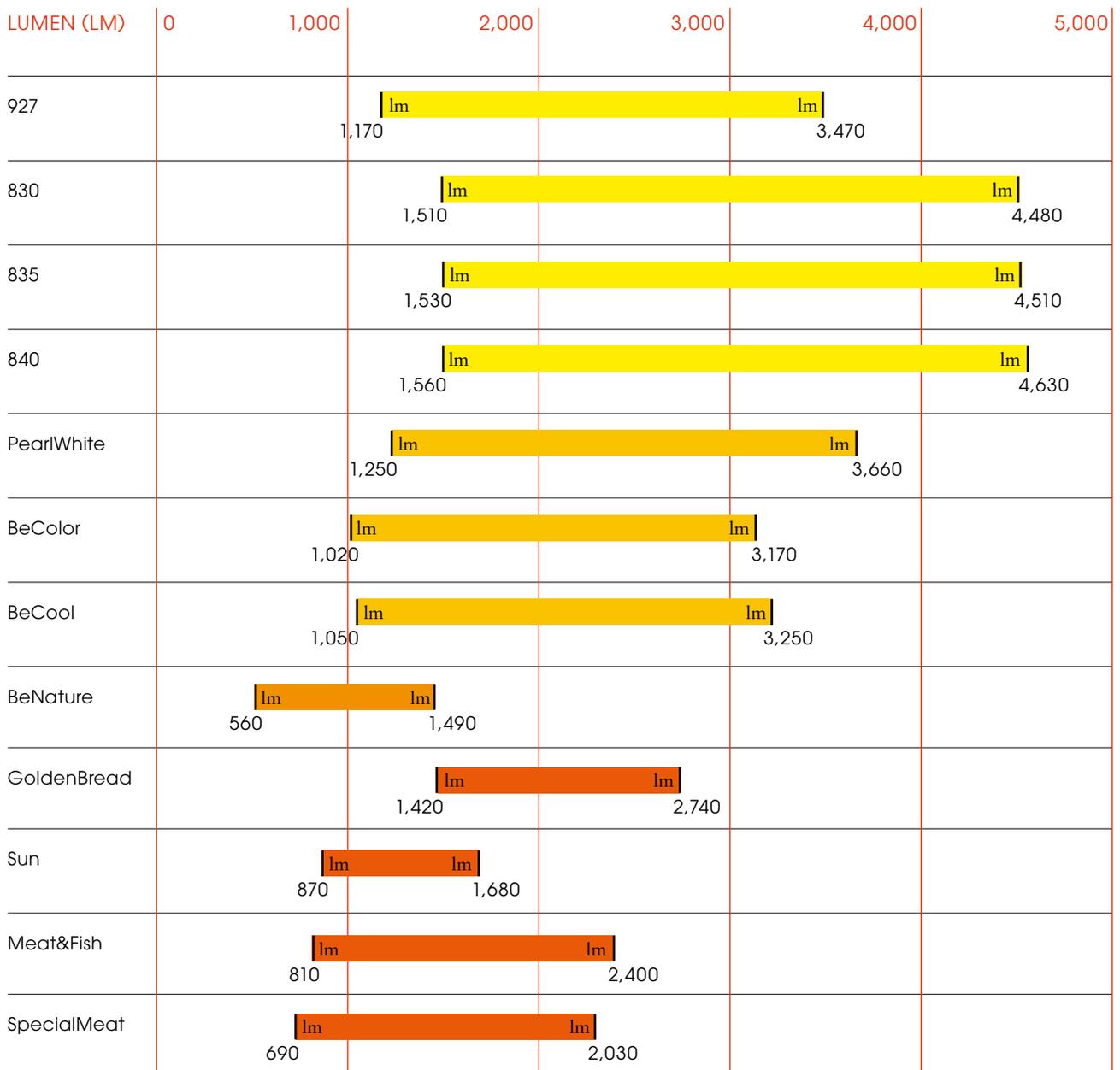


The selection of the right light colour is always a balance between maximum efficiency and optimum product presentation

- Standard light colours with neutral colour rendering
- Special light colours with higher colour saturation (for EC only PearlWhite)
- Special light colours with a colour authentic spectrum
- Special light colours with an application-specific colour spectrum

Do not hesitate to contact BÄRO and take advantage of the company's expertise and experience if you would like to use light with a product-specific lighting effect in your projects as a retailer, retail designer or lighting planner. Our experts will be pleased to advise you – from the design to detailed planning, installation and alignment of the luminaires.

OVERVIEW OF LUMINAIRE LUMINOUS FLUXES



927

Colour code

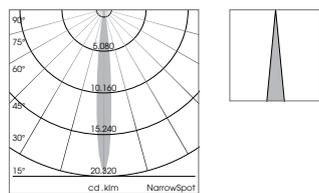
The warm white LED spectrum of the standard light colour is ideal for illuminating goods and product types with warm colours and for creating a harmonious atmosphere. The very good colour rendering gives the surfaces a high-quality appearance and even the smallest colour nuances are clearly apparent.

REFLECTORS

WATTAGES

17 W 23 W 34 W 41 W

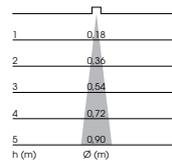
NARROWSPOT



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

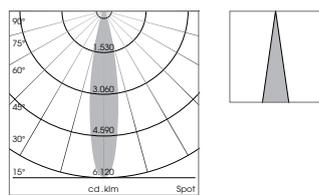
1,080 - - -
64 - - -

Illuminance [lx]



h (m)	Ø (m)	17 W	23 W	34 W	41 W
1	0.18	21,932	-	-	-
2	0.36	5,483	-	-	-
3	0.54	2,437	-	-	-
4	0.72	1,371	-	-	-
5	0.90	877	-	-	-

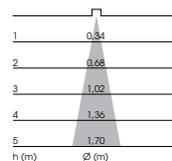
SPOT



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

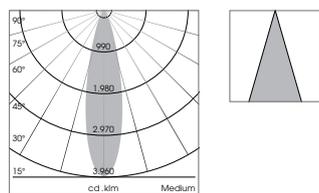
1,580 2,210 2,900 3,380
93 96 85 82

Illuminance [lx]



h (m)	Ø (m)	17 W	23 W	34 W	41 W
1	0.34	9,614	13,447	17,645	20,566
2	0.68	2,403	3,362	4,411	5,141
3	1.02	1,068	1,494	1,961	2,285
4	1.36	601	840	1,103	1,285
5	1.70	385	538	706	823

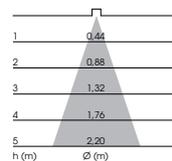
MEDIUM



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

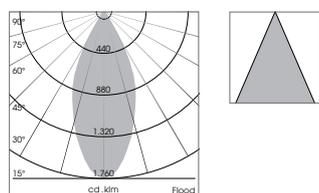
1,560 2,190 2,870 3,350
92 95 84 82

Illuminance [lx]



h (m)	Ø (m)	17 W	23 W	34 W	41 W
1	0.44	6,172	8,664	11,354	13,253
2	0.88	1,543	2,166	2,839	3,313
3	1.32	686	963	1,262	1,473
4	1.76	386	542	710	828
5	2.20	247	347	454	530

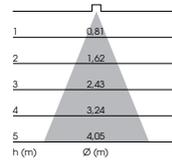
FLOOD



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

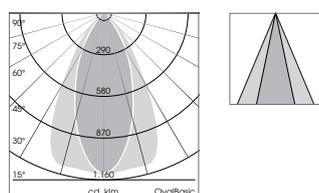
1,610 2,270 2,980 3,470
95 99 88 85

Illuminance [lx]



h (m)	Ø (m)	17 W	23 W	34 W	41 W
1	0.81	2,833	3,994	5,244	6,106
2	1.62	708	999	1,311	1,526
3	2.43	315	444	583	678
4	3.24	177	250	328	382
5	4.05	113	160	210	244

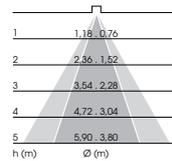
OVALBASIC



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

1,560 2,190 2,870 3,350
92 95 84 82

Illuminance [lx]



h (m)	Ø (m)	17 W	23 W	34 W	41 W
1	1.18, 0.76	1,761	2,472	3,239	3,781
2	2.36, 1.52	440	618	810	945
3	3.54, 2.28	196	275	360	420
4	4.72, 3.04	110	154	202	236
5	5.90, 3.80	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 ± 10%. All data are typical values. System features may change if product improvements are made due to technical advances. Errors excepted.

830

Colour code

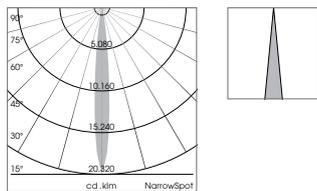
The warm white LED spectrum of the standard light colour is primarily used for efficient lighting when consistent good colour rendering of the colours is desired for all objects being illuminated.

REFLECTORS

WATTAGES

17 W 23 W 34 W 41 W

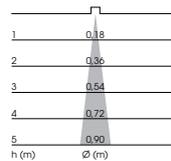
NARROWSPOT



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

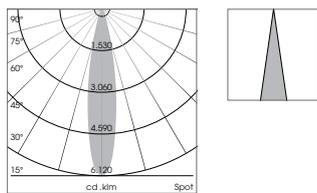
1,360 - - -
80 - - -

Illuminance [lx]



1	0.18	27,619	-	-	-
2	0.36	6,905	-	-	-
3	0.54	3,069	-	-	-
4	0.72	1,726	-	-	-
5	0.90	1,105	-	-	-

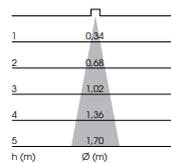
SPOT



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

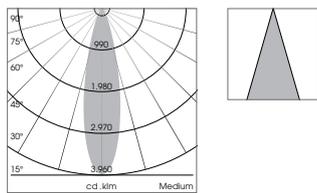
2,030 2,860 3,750 4,370
119 124 110 107

Illuminance [lx]



1	0.34	12,352	17,402	22,817	26,590
2	0.68	3,088	4,350	5,704	6,647
3	1.02	1,372	1,934	2,535	2,954
4	1.36	772	1,088	1,426	1,662
5	1.70	494	696	913	1,064

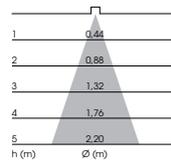
MEDIUM



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

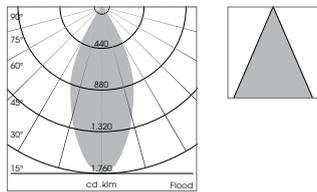
2,010 2,830 3,710 4,320
118 123 109 105

Illuminance [lx]



1	0.44	7,952	11,196	14,677	17,091
2	0.88	1,988	2,799	3,669	4,273
3	1.32	884	1,244	1,631	1,899
4	1.76	497	700	917	1,068
5	2.20	318	448	587	684

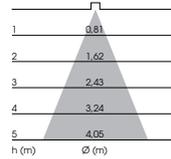
FLOOD



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

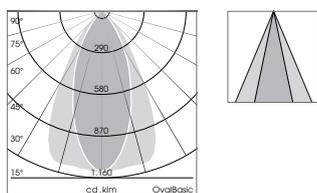
2,080 2,930 3,840 4,480
122 127 113 109

Illuminance [lx]



1	0.81	3,660	5,156	6,757	7,883
2	1.62	915	1,289	1,689	1,971
3	2.43	407	573	751	876
4	3.24	229	322	422	493
5	4.05	146	206	270	315

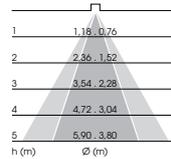
OVALBASIC



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

2,010 2,830 3,710 4,320
118 123 109 105

Illuminance [lx]



1	1.18, 0.76	2,269	3,194	4,188	4,876
2	2.36, 1.52	567	799	1,047	1,219
3	3.54, 2.28	252	355	465	542
4	4.72, 3.04	142	200	262	305
5	5.90, 3.80	91	128	168	195

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.

835

Colour code

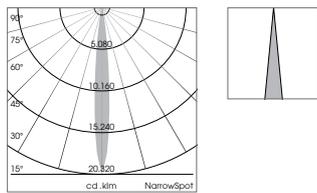
The LED spectrum of the standard light colour is between neutral white and warm white and is suitable for use wherever the aim is to efficiently showcase products with an emphasis on their fresh colours or to create a corresponding spatial atmosphere.

REFLECTORS

WATTAGES

17 W 23 W 34 W 41 W

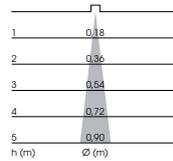
NARROWSPOT



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

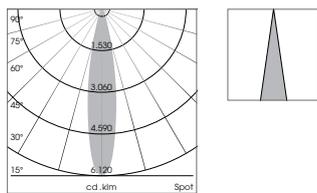
1,380 - - -
81 - - -

Illuminance [lx]



28,025 - - -
7,006 - - -
3,114 - - -
1,752 - - -
1,121 - - -

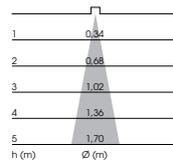
SPOT



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

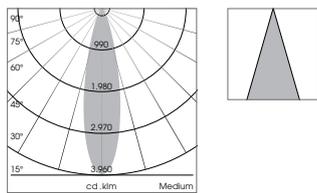
2,060 2,880 3,780 4,400
121 125 111 107

Illuminance [lx]



12,534 17,524 23,000 26,772
3,134 4,381 5,750 6,693
1,393 1,947 2,556 2,975
783 1,095 1,437 1,673
501 701 920 1,071

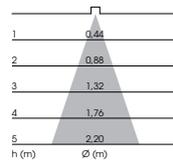
MEDIUM



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

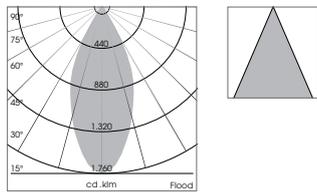
2,040 2,850 3,740 4,360
120 124 110 106

Illuminance [lx]



8,071 11,275 14,796 17,249
2,018 2,819 3,699 4,312
897 1,253 1,644 1,917
504 705 925 1,078
323 451 592 690

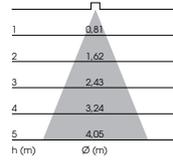
FLOOD



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

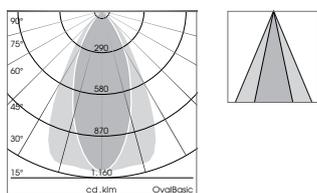
2,110 2,960 3,880 4,510
124 129 114 110

Illuminance [lx]



3,713 5,208 6,827 7,936
928 1,302 1,707 1,984
413 579 759 882
232 326 427 496
149 208 273 317

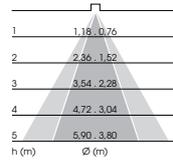
OVALBASIC



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

2,040 2,850 3,740 4,360
120 124 110 106

Illuminance [lx]



2,303 3,217 4,221 4,921
576 804 1,055 1,230
256 357 469 547
144 201 264 308
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

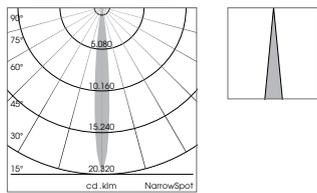
As a standard light colour, the neutral white LED spectrum is suitable for the efficient illumination of clear body colours or to create a cooler spatial impression.

REFLECTORS

WATTAGES

17 W 23 W 34 W 41 W

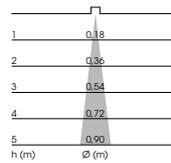
NARROWSPOT



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

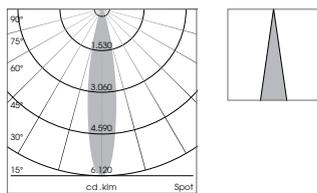
1,400 - - -
82 - - -

Illuminance [lx]



28,431 - - -
7,108 - - -
3,159 - - -
1,777 - - -
1,137 - - -

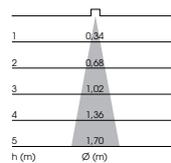
SPOT



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

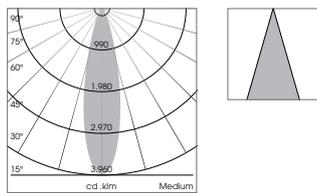
2,110 2,950 3,880 4,520
124 128 114 110

Illuminance [lx]



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

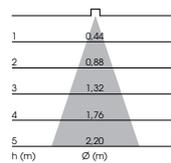
MEDIUM



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

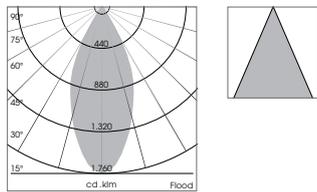
2,080 2,920 3,840 4,470
122 127 113 109

Illuminance [lx]



8,229 11,552 15,192 17,684
2,057 2,888 3,798 4,421
914 1,284 1,688 1,965
514 722 949 1,105
329 462 608 707

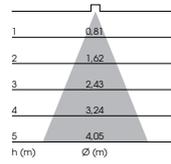
FLOOD



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

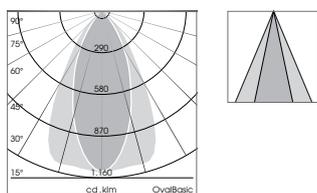
2,160 3,030 3,980 4,630
127 132 117 113

Illuminance [lx]



3,801 5,332 7,003 8,147
950 1,333 1,751 2,037
422 592 778 905
238 333 438 509
152 213 280 326

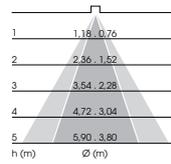
OVALBASIC



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

2,080 2,920 3,840 4,470
122 127 113 109

Illuminance [lx]



2,348 3,296 4,334 5,045
587 824 1,084 1,261
261 366 482 561
147 206 271 315
94 132 173 202

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PearlWhite

Colour code

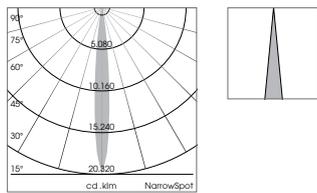
The LED spectrum of this special light colour is below black body. PearlWhite has a colour-intensifying effect and creates an elegant atmosphere in the room. The correlated colour temperature is 3,100 K.

REFLECTORS

WATTAGES

17 W 23 W 34 W 41 W

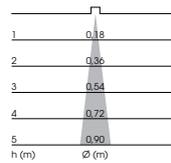
NARROWSPOT



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

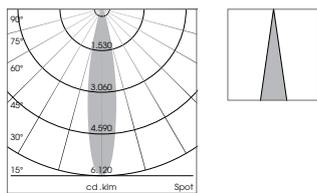
1,120 - - -
66 - - -

Illuminance [lx]



Illuminance [lx]	17 W	23 W	34 W	41 W
1	22,745	-	-	-
2	5,686	-	-	-
3	2,527	-	-	-
4	1,422	-	-	-
5	910	-	-	-

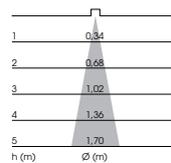
SPOT



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

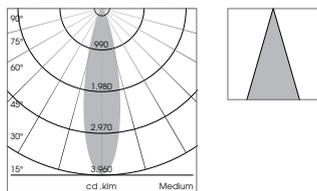
1,680 2,360 3,080 3,570
99 103 91 87

Illuminance [lx]



Illuminance [lx]	17 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

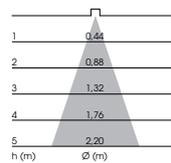
MEDIUM



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

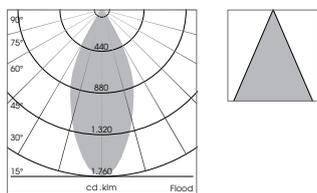
1,660 2,340 3,050 3,530
98 102 90 86

Illuminance [lx]



Illuminance [lx]	17 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

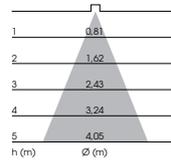
FLOOD



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

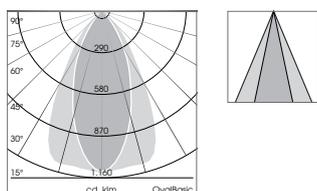
1,720 2,420 3,160 3,660
101 105 93 89

Illuminance [lx]



Illuminance [lx]	17 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

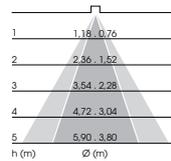
OVALBASIC



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

1,660 2,340 3,050 3,530
98 102 90 86

Illuminance [lx]



Illuminance [lx]	17 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

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.

BeColor

Colour code

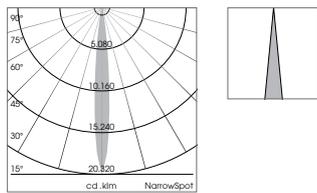
The colour-intensifying LED spectrum of the special light colour is below the Planck curve (below black body). The surfaces appear both rich and brilliant. The correlated colour temperature is 3,500 K.

REFLECTORS

WATTAGES

17 W 23 W 34 W 41 W

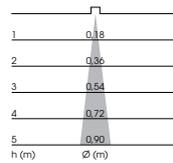
NARROWSPOT



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

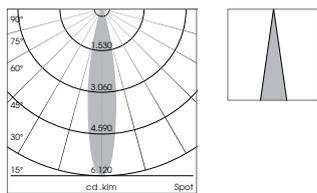
990 - - -
58 - - -

Illuminance [lx]



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

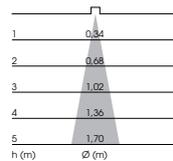
SPOT



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

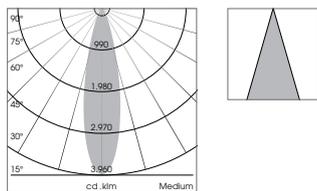
1,370 1,960 2,620 3,090
81 85 77 75

Illuminance [lx]



8,336 11,926 15,942 18,801
2,084 2,981 3,985 4,700
926 1,325 1,771 2,089
521 745 996 1,175
333 477 638 752

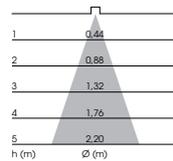
MEDIUM



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

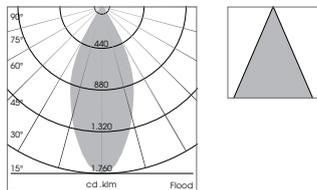
1,360 1,940 2,590 3,060
80 84 76 75

Illuminance [lx]



5,380 7,675 10,247 12,106
1,345 1,919 2,562 3,026
598 853 1,139 1,345
336 480 640 757
215 307 410 484

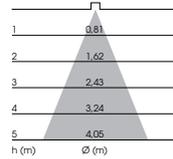
FLOOD



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

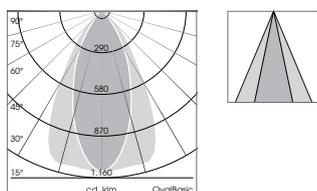
1,410 2,010 2,680 3,170
83 87 79 77

Illuminance [lx]



2,481 3,537 4,716 5,578
620 884 1,179 1,394
276 393 524 620
155 221 295 349
99 141 189 223

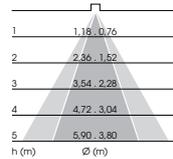
OVALBASIC



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

1,360 1,940 2,590 3,060
80 84 76 75

Illuminance [lx]



1,535 2,190 2,923 3,454
384 547 731 863
171 243 325 384
96 137 183 216
61 88 117 138

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.

BeCool

Colour code

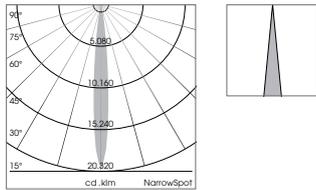
BeCool is a special light colour with an LED spectrum below the Planck curve (below black body). The colour-intensified impression of the illuminated surfaces or body colours appears cool and saturated. The correlated colour temperature is 4,000 K.

REFLECTORS

WATTAGES

17 W 23 W 34 W 41 W

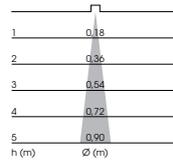
NARROWSPOT



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

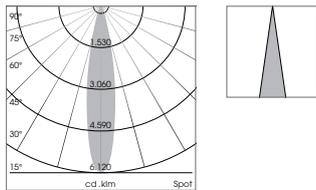
1,060 - - -
62 - - -

Illuminance [lx]



h (m)	Ø (m)	17 W	23 W	34 W	41 W
1	0.18	21,526	-	-	-
2	0.36	5,382	-	-	-
3	0.54	2,392	-	-	-
4	0.72	1,345	-	-	-
5	0.90	861	-	-	-

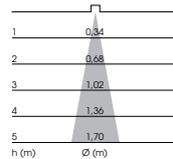
SPOT



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

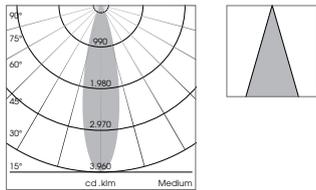
1,410 2,010 2,690 3,170
83 87 79 77

Illuminance [lx]



h (m)	Ø (m)	17 W	23 W	34 W	41 W
1	0.34	8,579	12,230	16,368	19,288
2	0.68	2,145	3,058	4,092	4,822
3	1.02	953	1,359	1,819	2,143
4	1.36	536	764	1,023	1,206
5	1.70	343	489	655	772

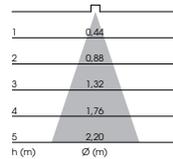
MEDIUM



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

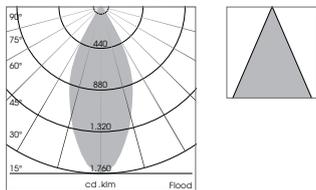
1,390 1,990 2,660 3,140
82 87 78 77

Illuminance [lx]



h (m)	Ø (m)	17 W	23 W	34 W	41 W
1	0.44	5,499	7,873	10,523	12,422
2	0.88	1,375	1,968	2,631	3,106
3	1.32	611	875	1,169	1,380
4	1.76	344	492	658	776
5	2.20	220	315	421	497

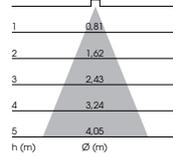
FLOOD



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

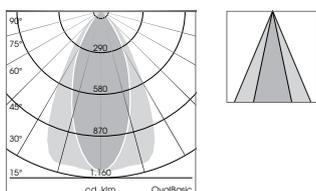
1,440 2,060 2,750 3,250
85 90 81 79

Illuminance [lx]



h (m)	Ø (m)	17 W	23 W	34 W	41 W
1	0.81	2,534	3,625	4,839	5,719
2	1.62	633	906	1,210	1,430
3	2.43	282	403	538	635
4	3.24	158	227	302	357
5	4.05	101	145	194	229

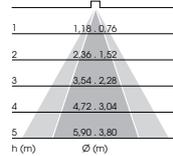
OVALBASIC



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

1,390 1,990 2,660 3,140
82 87 78 77

Illuminance [lx]



h (m)	Ø (m)	17 W	23 W	34 W	41 W
1	1.18	1,569	2,246	3,002	3,544
2	2.36	392	562	751	886
3	3.54	174	250	334	394
4	4.72	98	140	188	222
5	5.90	63	90	120	142

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BeNature

Colour code

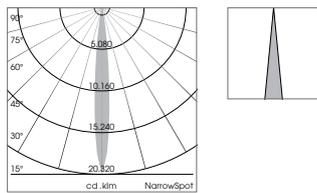
BeNature is an innovative, cross-application light color whose most similar color temperature is 3,000 K in the warm white range. With an excellent color rendering index Ra of 97, it is optimized for extremely authentic color rendering and a natural room atmosphere that promotes people's sense of well-being.

REFLECTORS

WATTAGES

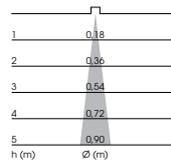
17 W 23 W 34 W 41 W

NARROWSPOT



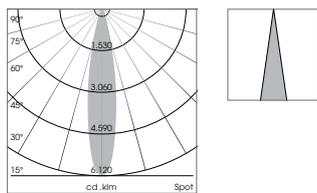
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



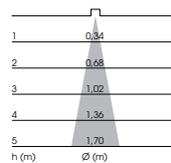
	-	-	-	-
	-	-	-	-
1	0.18	-	-	-
2	0.36	-	-	-
3	0.54	-	-	-
4	0.72	-	-	-
5	0.90	-	-	-
h (m)	Ø (m)			

SPOT



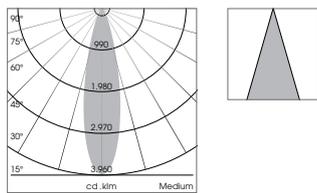
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



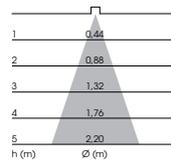
	730	1,020	1,300	1,480
	43	44	38	36
1	0.34	4,442	6,206	7,910
2	0.68	1,110	1,552	1,977
3	1.02	494	690	879
4	1.36	278	388	494
5	1.70	178	248	316
h (m)	Ø (m)			

MEDIUM



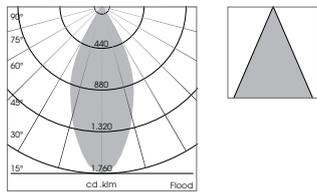
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



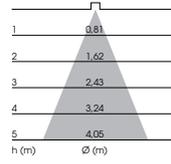
	730	1,010	1,290	1,470
	43	44	38	36
1	0.44	2,888	3,996	5,103
2	0.88	722	999	1,276
3	1.32	321	444	567
4	1.76	181	250	319
5	2.20	116	160	204
h (m)	Ø (m)			

FLOOD



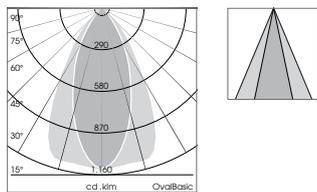
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



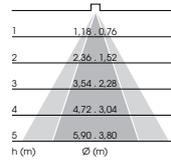
	750	1,040	1,340	1,520
	44	45	39	37
1	0.81	1,320	1,830	2,358
2	1.62	330	457	589
3	2.43	147	203	262
4	3.24	82	114	147
5	4.05	53	73	94
h (m)	Ø (m)			

OVALBASIC



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

Illuminance [lx]



	730	1,010	1,290	1,470
	43	44	38	36
1	1.18, 0.76	824	1,140	1,456
2	2.36, 1.52	206	285	364
3	3.54, 2.28	92	127	162
4	4.72, 3.04	51	71	91
5	5.90, 3.80	33	46	58
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.

GoldenBread

Colour code

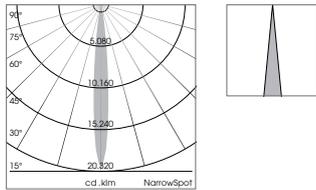
GoldenBread is among the product-specific LED spectrums with a correlated colour temperature of 2.500 K. In particular it produces a saturated rendering of rich golden-brown colours. The spectrum is ideal for illuminating fresh bread and bakery products.

REFLECTORS

WATTAGES

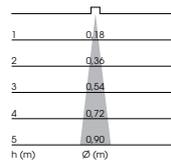
17 W 23 W 34 W 41 W

NARROWSPOT



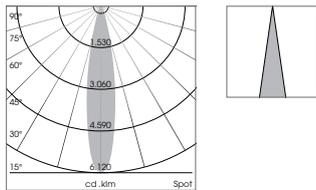
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



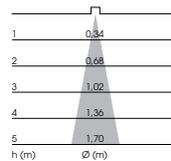
	-	-	-	-
	-	-	-	-
1	0.18	-	-	-
2	0.36	-	-	-
3	0.54	-	-	-
4	0.72	-	-	-
5	0.90	-	-	-
h (m)	Ø (m)			

SPOT



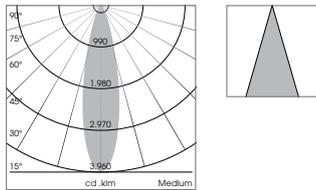
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



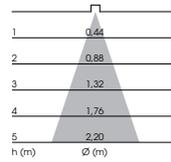
	1,600	2,270	2,990	3,490
	94	99	88	85
1	9,735	13,812	18,193	21,235
2	2,434	3,453	4,548	5,309
3	1,082	1,535	2,021	2,359
4	608	863	1,137	1,327
5	389	552	728	849
h (m)	Ø (m)			

MEDIUM



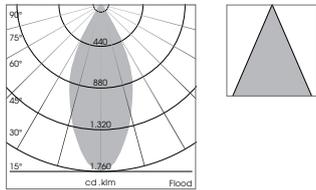
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



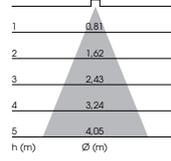
	1,580	2,240	2,960	3,450
	93	97	87	84
1	6,251	8,862	11,710	13,649
2	1,563	2,215	2,928	3,412
3	695	985	1,301	1,517
4	391	554	732	853
5	250	354	468	546
h (m)	Ø (m)			

FLOOD



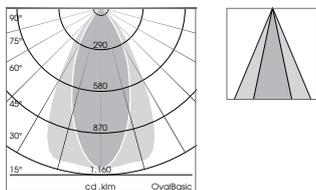
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



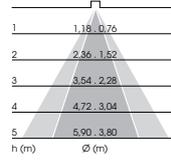
	1,640	2,320	3,060	3,570
	96	101	90	87
1	2,886	4,082	5,384	6,282
2	721	1,021	1,346	1,570
3	321	454	598	698
4	180	255	337	393
5	115	163	215	251
h (m)	Ø (m)			

OVALBASIC



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

Illuminance [lx]



	1,580	2,240	2,960	3,450
	93	97	87	84
1	1,783	2,528	3,341	3,894
2	446	632	835	974
3	198	281	371	433
4	111	158	209	243
5	71	101	134	156
h (m)	Ø (m)			

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Sun

Colour code

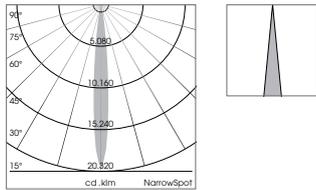
Sun intensifies all warm colours. The LED spectrum of the special light colour is both colour saturating and product specific, and its optimal application is the illumination of fresh fruit and vegetables or in comparable non-food sectors. The correlated colour temperature is 2,400 K.

REFLECTORS

WATTAGES

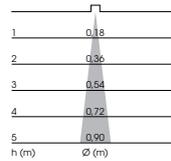
17 W 23 W 34 W 41 W

NARROWSPOT



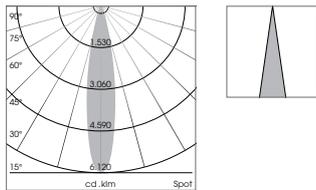
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



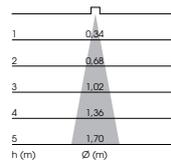
Luminaire luminous flux [lm]	-	-	-	-
Luminous efficacy [lm/W]	-	-	-	-
Illuminance [lx]	-	-	-	-
1	0.18	-	-	-
2	0.36	-	-	-
3	0.54	-	-	-
4	0.72	-	-	-
5	0.90	-	-	-
h (m)	Ø (m)			

SPOT



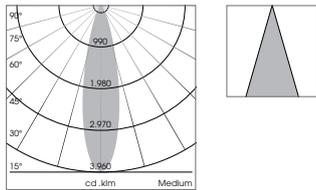
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



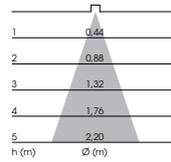
Luminaire luminous flux [lm]	1,060	1,500	1,960	2,260
Luminous efficacy [lm/W]	62	65	58	55
Illuminance [lx]				
1	6,450	9,127	11,926	13,751
2	1,612	2,282	2,981	3,438
3	717	1,014	1,325	1,528
4	403	570	745	859
5	258	365	477	550
h (m)	Ø (m)			

MEDIUM



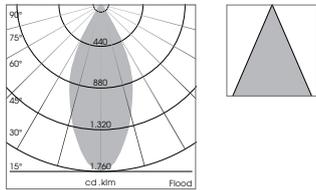
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



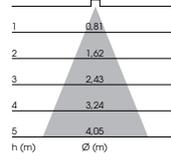
Luminaire luminous flux [lm]	1,050	1,480	1,930	2,240
Luminous efficacy [lm/W]	62	64	57	55
Illuminance [lx]				
1	4,154	5,855	7,635	8,862
2	1,039	1,464	1,909	2,215
3	462	651	848	985
4	260	366	477	554
5	166	234	305	354
h (m)	Ø (m)			

FLOOD



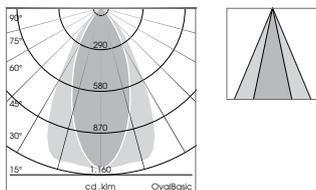
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



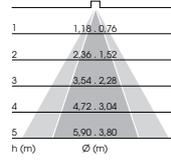
Luminaire luminous flux [lm]	1,090	1,530	2,000	2,320
Luminous efficacy [lm/W]	64	67	59	57
Illuminance [lx]				
1	1,918	2,692	3,519	4,082
2	479	673	880	1,021
3	213	299	391	454
4	120	168	220	255
5	77	108	141	163
h (m)	Ø (m)			

OVALBASIC



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

Illuminance [lx]



Luminaire luminous flux [lm]	1,050	1,480	1,930	2,240
Luminous efficacy [lm/W]	62	64	57	55
Illuminance [lx]				
1	1,185	1,671	2,178	2,528
2	296	418	545	632
3	132	186	242	281
4	74	104	136	158
5	47	67	87	101
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.

Meat&Fish

Colour code

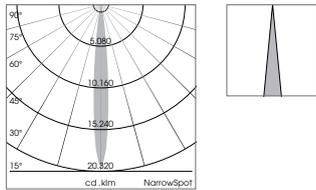
Meat&Fish is among the product-specific LED spectrums with a correlated colour temperature of 4,020 K. The chromaticity point is specially coordinated to the presentation of seafood. Due to the high red component, this special light colour is also suited to the illumination of fresh meat and cold cuts.

REFLECTORS

WATTAGES

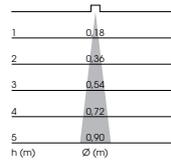
17 W 23 W 34 W 41 W

NARROWSPOT



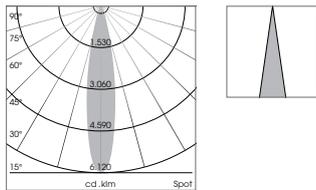
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



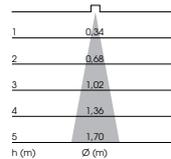
	17 W	23 W	34 W	41 W
Luminaire luminous flux [lm]	-	-	-	-
Luminous efficacy [lm/W]	-	-	-	-
Illuminance [lx]	-	-	-	-
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-

SPOT



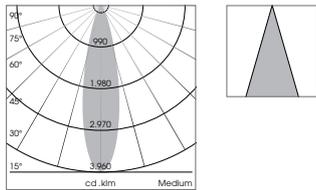
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



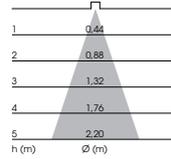
	17 W	23 W	34 W	41 W
Luminaire luminous flux [lm]	1,090	1,530	2,010	2,340
Luminous efficacy [lm/W]	64	67	59	57
Illuminance [lx]				
1	6,632	9,309	12,230	14,238
2	1,658	2,327	3,058	3,559
3	737	1,034	1,359	1,582
4	415	582	764	890
5	265	372	489	570

MEDIUM



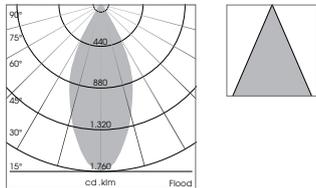
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



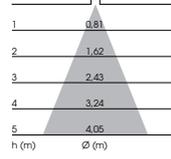
	17 W	23 W	34 W	41 W
Luminaire luminous flux [lm]	1,080	1,510	1,990	2,320
Luminous efficacy [lm/W]	64	66	59	57
Illuminance [lx]				
1	4,273	5,974	7,873	9,178
2	1,068	1,493	1,968	2,295
3	475	664	875	1,020
4	267	373	492	574
5	171	239	315	367

FLOOD



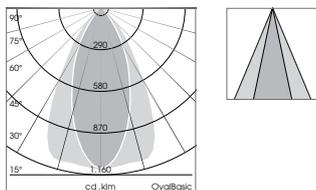
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



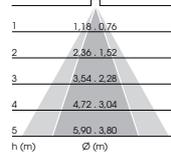
	17 W	23 W	34 W	41 W
Luminaire luminous flux [lm]	1,120	1,570	2,060	2,400
Luminous efficacy [lm/W]	66	68	61	59
Illuminance [lx]				
1	1,971	2,763	3,625	4,223
2	493	691	906	1,056
3	219	307	403	469
4	123	173	227	264
5	79	111	145	169

OVALBASIC



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

Illuminance [lx]



	17 W	23 W	34 W	41 W
Luminaire luminous flux [lm]	1,080	1,510	1,990	2,320
Luminous efficacy [lm/W]	64	66	59	57
Illuminance [lx]				
1	1,219	1,704	2,246	2,619
2	305	426	562	655
3	135	189	250	291
4	76	107	140	164
5	49	68	90	105

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SpecialMeat

Colour code

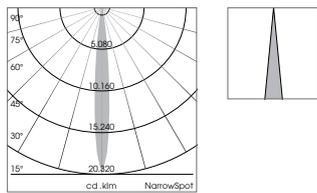
SpecialMeat is the special light colour for the illumination of fresh meat and cold cuts and can be regarded as a modern LED successor to the proven SDW-T/ patented filter variant. The LED spectrum has a correlated colour temperature of 1,900 K.

REFLECTORS

WATTAGES

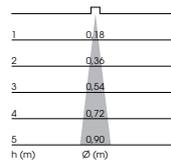
17 W 23 W 34 W 41 W

NARROWSPOT



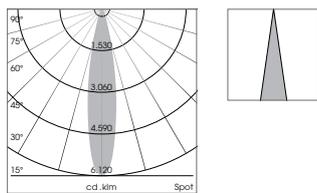
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



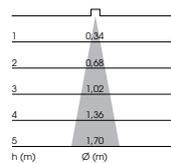
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

SPOT



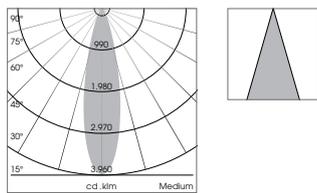
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



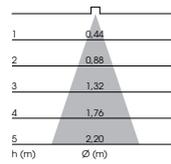
930	1,300	1,700	1,990
55	57	50	49
5,659	7,910	10,344	12,108
1,415	1,977	2,586	3,027
629	879	1,149	1,345
354	494	646	757
226	316	414	484

MEDIUM



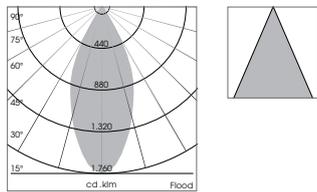
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



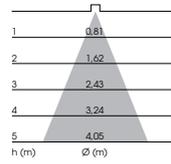
920	1,280	1,690	1,960
54	56	50	48
3,640	5,064	6,686	7,754
910	1,266	1,671	1,939
404	563	743	862
227	316	418	485
146	203	267	310

FLOOD



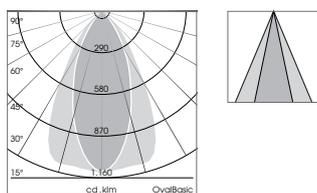
Luminaire luminous flux [lm]
Luminous efficacy [lm/W]

Illuminance [lx]



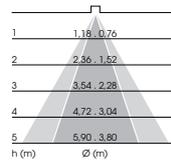
950	1,330	1,750	2,030
56	58	51	50
1,672	2,340	3,079	3,572
418	585	770	893
186	260	342	397
104	146	192	223
67	94	123	143

OVALBASIC



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

Illuminance [lx]



920	1,280	1,690	1,960
54	56	50	48
1,038	1,445	1,908	2,212
260	361	477	553
115	161	212	246
65	90	119	138
42	58	76	88

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	BECOOOL	BENATURE	GOLDEN BREAD	SUN	* MEAT&FISH	SPECIAL MEAT
DIRECTIONAL SPOT													
17 W													
NarrowSpot 10°	■	51350004	51350001	51350002	51350003	-	51350005	51350006	51350015	-	-	-	-
	□	51350010	51350007	51350008	51350009	-	51350011	51350012	51350016	-	-	-	-
15/23/34/41 W													
Spot 20°	■	51360004	51360001	51360002	51360003	51360010	51360005	51360006	51360025	51360009	51360012	51360007	51360011
	□	51360016	51360013	51360014	51360015	51360022	51360017	51360018	51360026	51360021	51360024	51360019	51360023
Medium 25°	■	51370004	51370001	51370002	51370003	51370010	51370005	51370006	51370025	51370009	51370012	51370007	51370011
	□	51370016	51370013	51370014	51370015	51370022	51370017	51370018	51370026	51370021	51370024	51370019	51370023
Flood 44°	■	51380004	51380001	51380002	51380003	51380010	51380005	51380006	51380025	51380009	51380012	51380007	51380011
	□	51380016	51380013	51380014	51380015	51380022	51380017	51380018	51380026	51380021	51380024	51380019	51380022
OvalBasic 40°×60°	■	51390004	51390001	51390002	51390003	51390010	51390005	51390006	51390025	51390009	51390012	51390007	51390011
	□	51390016	51390013	51390014	51390015	51390022	51390017	51390018	51390026	51390021	51390024	51390019	51390023
■ = Front ring black, trim black □ = Front ring white, trim black													
DIRECTIONAL SPOT, FLUSH WITH THE CEILING													
17 W													
NarrowSpot 10°	■	51430004	51430001	51430002	51430003	-	51430005	51430006	51430025	-	-	-	-
15/23/34/41 W													
Spot 20°	■	51440004	51440001	51440002	51440003	51440010	51440005	51440006	51440013	51440009	51440012	51440007	51440011
	Medium 25°	■	51450004	51450001	51450002	51450003	51450010	51450005	51450006	51450013	51450009	51450012	51450007
Flood 44°	■	51460004	51460001	51460002	51460003	51460010	51460005	51460006	51460013	51460009	51460012	51460007	51460011
	OvalBasic 40°×60°	■	51470004	51470001	51470002	51470003	51470010	51470005	51470006	51470013	51470009	51470012	51470007
■ = Trim black													
WALLBEAM													
17/23/34/41 W													
WallBeam	■	51780004	51780001	51780002	51780003	51780010	51780005	51780006	51780007	51780008	51780012	51780009	51780011
	□	51780016	51780013	51780014	51780015	51780022	51780017	51780018	51780019	51780020	51780024	51780021	51780023
■ = Front ring black, trim black, kick reflector black □ = Front ring white, trim black, kick reflector black													
WALLBEAM, FLUSH WITH THE CEILING													
17/23/34/41 W													
WallBeam	■	51790004	51790001	51790002	51790003	51790010	51790005	51790006	51790007	51790008	51790012	51790009	51790011
■ = Trim black, kick reflector black													
WALLWASHER													
17/23/34/41 W													
WallWash	■	51400004	51400001	51400002	51400003	51400010	51400005	51400006	51400025	51400009	51400012	51400007	51400011
	□	51400016	51400013	51400014	51400015	51400022	51400017	51400018	51400026	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													
17/23/34/41 W													
WallWash	■	51480004	51480001	51480002	51480003	51480010	51480005	51480006	51480013	51480009	51480012	51480007	51480011
■ = Trim black, kick reflector black													
DOWNLIGHT													
17/23/34/41 W													
60°	■	51410004	51410001	51410002	51410003	51410010	51410005	51410006	51410025	51410009	51410012	51410007	51410011
	□	51410016	51410013	51410014	51410015	51410022	51410017	51410018	51410026	51410021	51410024	51410019	51410023
■ = Front ring black □ = Front ring white													

* maximum power with Meat&Fish = 850mA/34W (see p. 44 for driver unit)

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.

REFLECTOR	COLOUR	927	830	835	840	PEARL WHITE	BECOLOR	BECOOOL	BENATURE	GOLDEN BREAD	SUN	MEAT&FISH	SPECIAL MEAT
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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

17/23/34/41 W

60°		51490004	51490001	51490002	51490003	51490010	51490005	51490006	51490013	51490009	51490012	51490007	51490011
-----	--	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

DRIVER UNIT

On/Off	76500050	[400 mA/17 W]		DALI	76500051	[400 mA/17 W]		Casambi	76500121	[400 mA/17 W]
	76500034	[600 mA/23 W]			76500039	[600 mA/23 W]			76500122	[600 mA/23 W]
	76500035	[700 mA/28 W]			76500040	[700 mA/28 W]			76500126	[700 mA/28 W]
	76500076	[850 mA/34 W]			76500077	[850 mA/34 W]			76500123	[850 mA/34 W]
	76500037	[1,050 mA/41 W]			76500042	[1,050 mA/41 W]			76500124	[1,050 mA/41 W]

max. 850 mA/34 Watt for Meat&Fish

Constant current IP54	76500101	[400 mA/17 W]		DALI IP54	76500105	[400 mA/17 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 Meat&Fish

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

On/Off 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 (On/Off, DALI).

TRIMS AND ATTACHMENTS

DIRECTIONAL SPOT

DOWNLIGHT

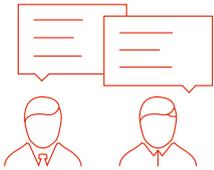
WALLWASHER

Attachment IP54	front IP protection (front ring with glued protective glass and sealing ring), cannot be used for ceiling plaster, swivelling range limited to ± 7° (not for spot)	■ 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

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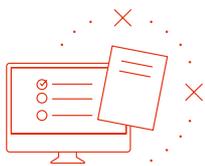


BÄRO – Your lighting partner right from the start



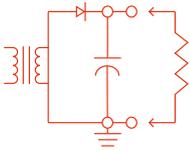
> ADVICE Discover the potential.

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.

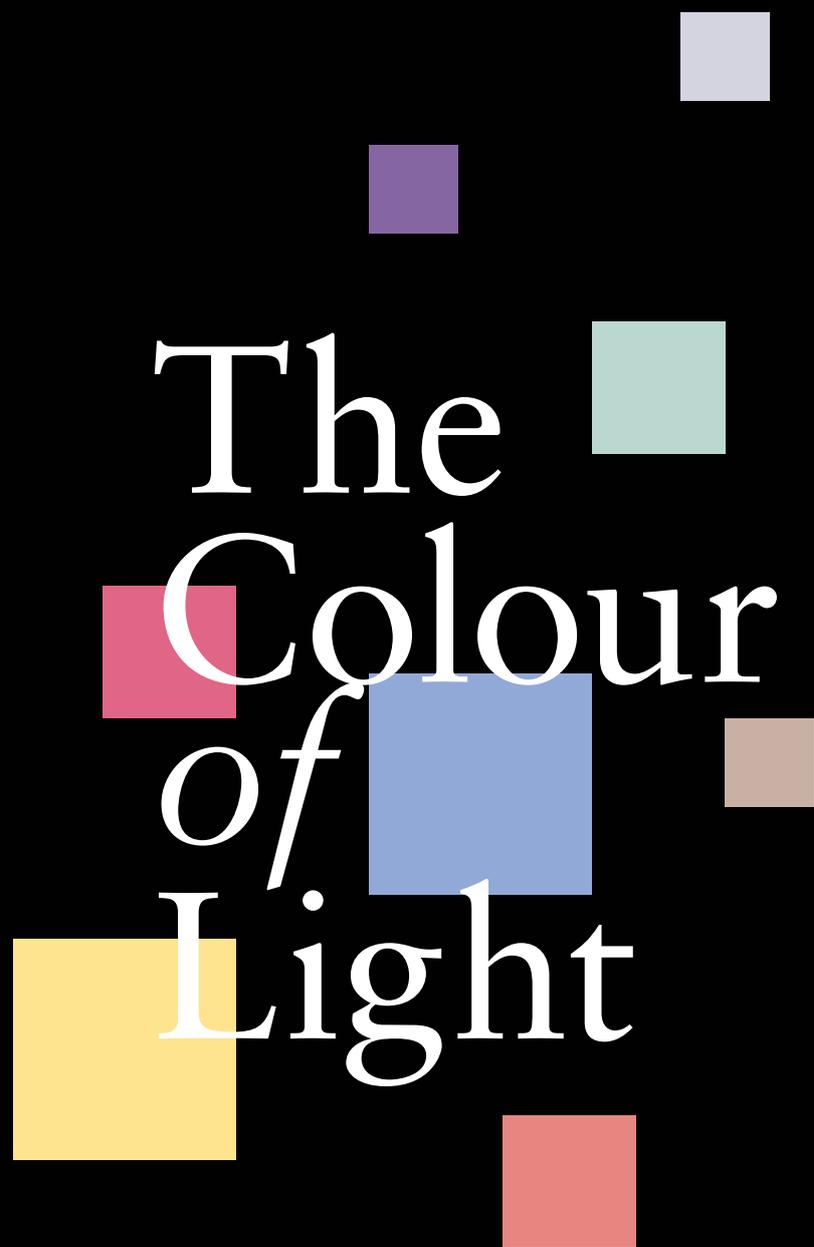
Customised financing for a customised lighting concept. Whether you are a retailer or a retail brand, we will be pleased to advise you on a leasing concept that suits your specific needs. Together we will draw up a contract that caters to your wishes and the needs of your company. Contact us. We're pleased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

> CONTACT

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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