

BÄRO

Retail
Lighting



LED-PANEL

Ontero TX
Intara TX
Pendiri TX



BÄRO
Retail
Lighting

Fresh
Light
for
Fresh
Products

BÄRO
Retail
Lighting

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.

TX luminaire series

ONTERO, INTARA, PENDIRO

The TX series is highly versatile: system wattages/luminous fluxes can be adjusted, different lens optics combined (on request) and the track-mounted variant can be rotated. It offers an alternative to conventional general lighting concepts or the illumination of aisles with linear profiles and creates an open, transparent and light store design.

In principle, the individual luminaire types in the series have an identical structure. However, different connection and attachment sets allow flexible use as either a recessed or a suspended luminaire. The suspended variant of the luminaire has an elegant lightness thanks to the separate driver.



Ontero TX

COLOUR CODE	830	835	840
Luminaire luminous flux [lm] WideFlood	7,080	7,350	7,450
Luminaire luminous flux [lm] Xtra WideFlood	7,000	7,270	7,370
Luminaire luminous flux [lm] double asymmetrical	7,180	7,450	7,560

Applies to system power of 53 W and the resulting luminaire luminous fluxes.

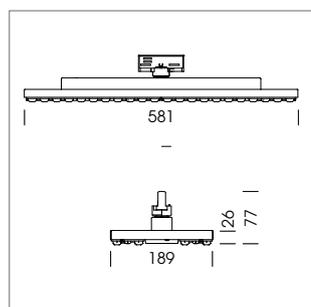
Up to 9,030 lm (DA, 840, 64 W) and 147 lm/ W (DA, 840, 38 W) are possible.

All data are typical values. System features may change with product improvements due to technical advances.



Similar to picture

Surface-mounted luminaire with linear LED module, rated lamp life-time of the LEDs L80/B50 > 50.000 h, colour rendering index CRI typ. ~85, chromaticity point tolerance 3 SDCM (initial), light optics TIR lenses for WideFlood and Xtra WideFlood (color stable over the angle), luminaire pivotable by 330°, driver with system power that can be set from 38-64 W (default 53 W) with a dip switch, optional DALI, dimming range 1-100% (DALI), DC-compatible with programmable light level 100% (15% DALI) in accordance with EN 50172, 220-240 V / 50-60 Hz, Softstart, thermal protection, luminaire housing made of sheet steel, powder-coated, multi-adapter in accordance with DIN EN 60570, max. 20 (21 DALI) luminaires per circuit (B16A fuse)



Further information and light distribution curves can be found from page 12 onwards



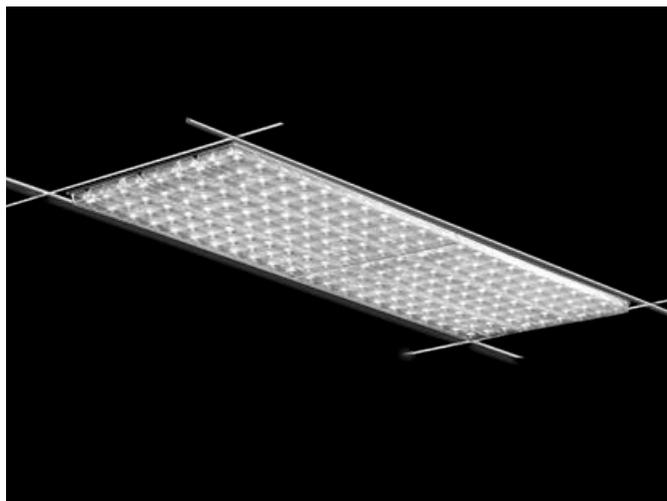
Intara TX

COLOUR CODE	830	835	840
Luminaire luminous flux [lm] WideFlood	7,080	7,350	7,450
Luminaire luminous flux [lm] Xtra WideFlood	7,000	7,270	7,370
Luminaire luminous flux [lm] double asymmetrical	7,180	7,450	7,560

Applies to system power of 53 W and the resulting luminaire luminous fluxes.

Up to 9,030 lm (DA, 840, 64 W) and 147 lm/ W (DA, 840, 38 W) are possible.

All data are typical values. System features may change with product improvements due to technical advances.

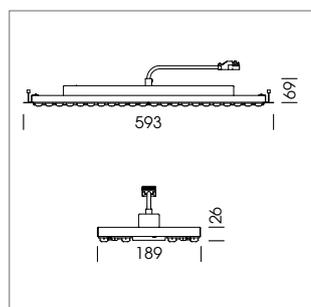


Similar to picture

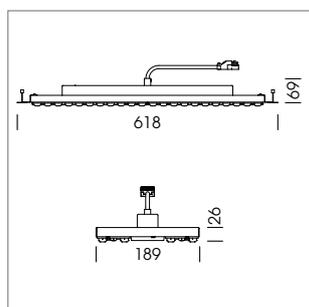
Recessed luminaire with linear LED module, rated lamp lifetime of the LEDs L80/B50 > 50.000 h, colour rendering index CRI typ. ~ 85, chromaticity point tolerance 3 SDCM (initial), light optics TIR lenses for WideFlood and Xtra WideFlood (color stable over the angle), luminaire pivotable by 330°, driver with system power that can be set from 38-64 W (default 53 W) with a dip switch, optional DALI, dimming range 1-100% (DALI), DC-compatible with programmable light level 100 % (15 % DALI) in accordance with EN 50172, 220-240 V / 50-60 Hz, Softstart, thermal protection, luminaire housing made of sheet steel, powder-coated, connecting cable with GST plug 18/3 (18/5 DALI), max. 20 (21 DALI) luminaires per circuit (B16A fuse)

NB: Order accessories for feed-through wiring and ceiling attachment separately (see page 10/11)

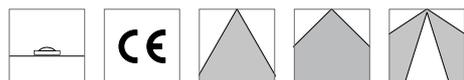
600 MM



625 MM



Further information and light distribution curves can be found from page 12 onwards



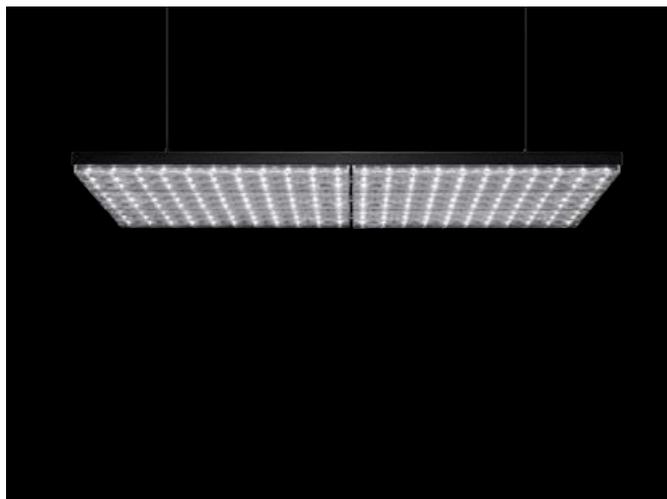
Pendiro TX

COLOUR CODE	830	835	840
Luminaire luminous flux [lm] WideFlood	7,080	7,350	7,450
Luminaire luminous flux [lm] Xtra WideFlood	7,000	7,270	7,370
Luminaire luminous flux [lm] double asymmetrical	7,180	7,450	7,560

Applies to system power of 53 W and the resulting luminaire luminous fluxes.

Up to 9,030 lm (DA, 840, 64 W) and 147 lm/ W (DA, 840, 38 W) are possible.

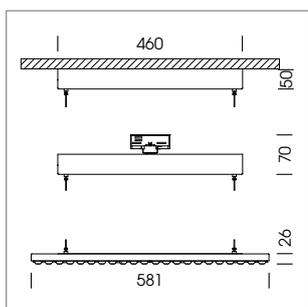
All data are typical values. System features may change with product improvements due to technical advances.



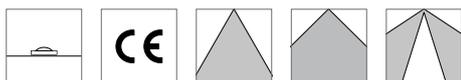
Similar to picture

Suspended luminaire with linear LED module, rated lamp lifetime of the LEDs L80/B50 > 50.000 h, colour rendering index CRI typ. ~ 85, chromaticity point tolerance 3 SDCM (initial), light optics TIR lenses for WideFlood and Xtra WideFlood (color stable over the angle), live suspension cables L = 3,000 mm pre-fitted, can be shortened by the customer, canopy with driver separate from luminaire housing, luminaire pivotable by 330°, driver with system power that can be set from 38-64 W (default 53 W) with a dip switch, optional DALI, dimming range 1-100% (DALI), DC-compatible with programmable light level 100 % (15 % DALI) in accordance with EN 50172, 220-240 V / 50-60 Hz, Softstart, thermal protection, luminaire housing made of sheet steel, powder-coated, connecting cable with GST plug 18/3 (18/5 DALI), max. 16 (15 DALI) luminaires per circuit (B16A fuse)

NB: Order accessories for feed-through wiring and ceiling attachment separately (see page 10/11)



Further information and light distribution curves can be found from page 12 onwards



Product numbers

REFLECTOR	FARBE	830	835	840	COLOUR	830	835	840	
ONTERO TX					ONTERO TX DALI				
WideFlood	■	21380001	21380002	21380003	■	21410001	21410002	21410003	
	□	21380004	21380005	21380006	□	21410004	21410005	21410006	
Xtra WideFlood	■	21390001	21390002	21390003	■	21420001	21420002	21420003	
	□	21390004	21390005	21390006	□	21420004	21420005	21420006	
Double asymmetrical	■	21370001	21370002	21370003	■	21400001	21400002	21400003	
	□	21370004	21370005	21370006	□	21400004	21400005	21400006	
INTARA TX*					INTARA TX DALI*				
WideFlood	□	50810004	50810005	50810006	□	50840004	50840005	50840006	
Xtra WideFlood	□	50820004	50820005	50820006	□	50850004	50850005	50850006	
Double asymmetrical	□	50800004	50800005	50800006	□	50830004	50830005	50830006	
*Sets for feeding, through-wiring and fixing see page 10									
PENDIRO TX									
WideFlood	■	80850001	80850002	80850003					
	□	80850004	80850005	80850006					
Xtra WideFlood	■	80860001	80860002	80860003					
	□	80860004	80860005	80860006					
Double asymmetrical	■	80840001	80840002	80840003					
	□	80840004	80840005	80840006					

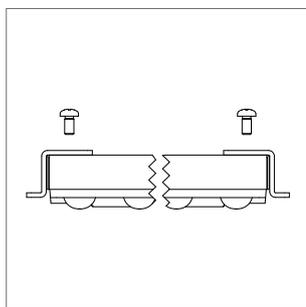
Canopy with driver unit (DALI or Fix Current) see page 11

Intara TX

Connection and attachment sets

B-SET FOR CEILING SYSTEMS 600/600 AND 625/625

With visible supporting profile, 2 x mounting brackets, white

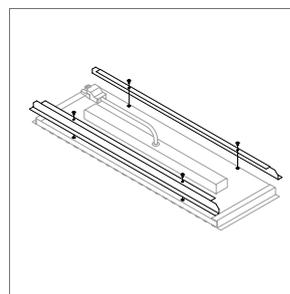


600 MM
5080Z600

625 MM
5080Z625

COVERING BRACKET FOR CEILING SYSTEMS 600/600 U. 625/625

2 x mounting brackets to cover the cut edges (especially recommended for mineral fiber ceilings below 6 mm), white

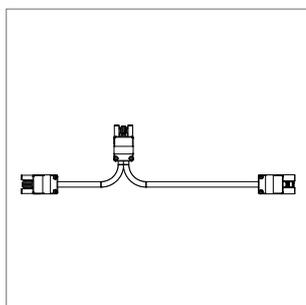


600 MM
5080C600

625 MM
5080C625

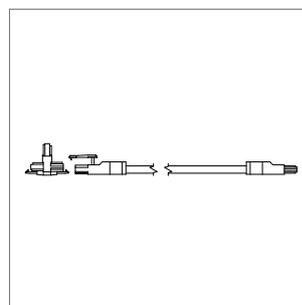
E-SET FOR THROUGH-WIRING

Y-distributor with plug/socket 3-pole, GST 18/3, L= 4,000 mm/200 mm



765Y4000G

T-connector 5-pole and cable with plug/socket 5-pole, GST 18/5 (DALI), L= 4,000mm



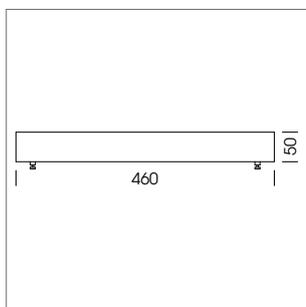
765Y4000DALI

Pendiro TX

Canopy

E-SET FOR CEILING MOUNTING (WOOD, CEMENT, PLASTER-BOARD CEILINGS)

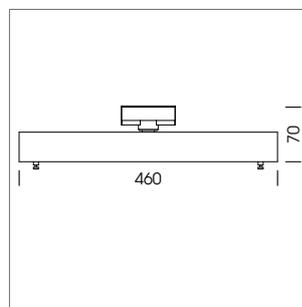
Canopy for ceiling mounting with SELV driver unit, dip switch, insulating holder for holding and fine adjustment of the live steel suspension cables, sheet steel housing, powder-coated



- 76500079
 - 76500081
- DALI
- 76500083
 - 76500085

E-SET FOR 3-PH TRACK

Canopy for track with SELV driver unit, dip switch, insulating holder for holding and fine adjustment of the live steel suspension cables, sheet steel housing, powder-coated



- 76500078
 - 76500080
- DALI
- 76500082
 - 76500084

830

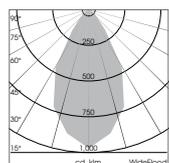
Colour code

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 illuminated.

LIGHT OPTICS

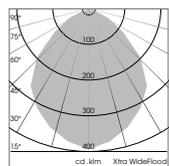
WATTAGES

WIDEFLOOD



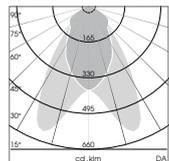
		38 W	42 W	45 W	49 W	53 W	56 W	60 W	64 W	
Luminaire luminous flux [lm]		5,220	5,690	6,160	6,630	7,080	7,560	8,000	8,470	
Luminous efficacy [lm/W]		137	135	137	135	134	135	133	132	
Illuminance [lx]										
	1	1.46 - 1.10	4,666	5,086	5,506	5,926	6,328	6,757	7,150	7,570
	2	2.32 - 2.20	1,166	1,271	1,376	1,481	1,582	1,689	1,788	1,893
	3	3.48 - 3.30	518	565	612	658	703	751	794	841
	4	4.64 - 4.40	292	318	344	370	395	422	447	473
5	5.80 - 5.50	187	203	220	237	253	270	286	303	
	h (m) Ø (m)									

XTRA WIDEFLOOD



		38 W	42 W	45 W	49 W	53 W	56 W	60 W	64 W	
Luminaire luminous flux [lm]		5,170	5,630	6,090	6,560	7,000	7,470	7,910	8,370	
Luminous efficacy [lm/W]		136	134	135	134	132	133	132	131	
Illuminance [lx]										
	1	2.63 - 2.50	1,977	2,153	2,329	2,509	2,677	2,857	3,025	3,201
	2	5.26 - 5.00	494	538	582	627	669	714	756	800
	3	7.89 - 7.50	220	239	259	279	297	317	336	356
	4	10.52 - 10.00	124	135	146	157	167	179	189	200
5	13.15 - 12.50	79	86	93	100	107	114	121	128	
	h (m) Ø (m)									

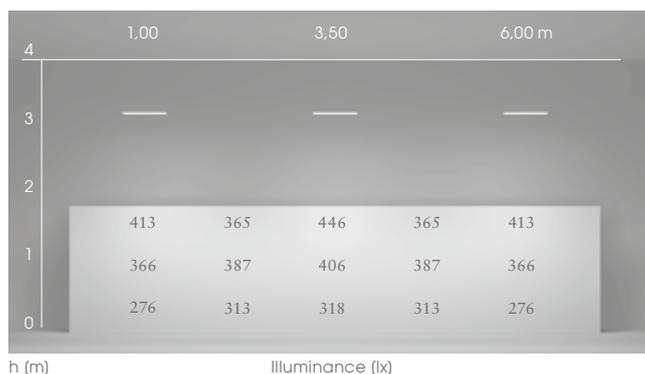
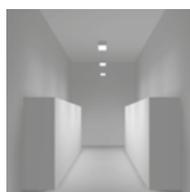
DOUBLE ASYMMETRICAL



		38 W	42 W	45 W	49 W	53 W	56 W	60 W	64 W
Luminaire luminous flux [lm]		5,300	5,770	6,250	6,730	7,180	7,670	8,120	8,590
Luminous efficacy [lm/W]		139	137	139	137	135	137	135	134

SAMPLE DISTRIBUTION OF ILLUMINANCE

Number of luminaires	3
Distance to illuminated surface [m]	0,90 m
Distance between luminaires [m]	2,50 m
Beam angle	double asymmetrical
System power set to [W]	53



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

835

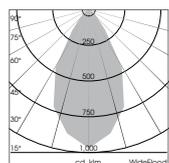
Colour code

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.

LIGHT OPTICS

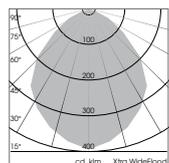
WATTAGES

WIDEFLOOD



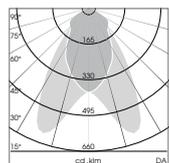
		38 W	42 W	45 W	49 W	53 W	56 W	60 W	64 W	
Luminaire luminous flux [lm]		5,420	5,900	6,390	6,880	7,350	7,840	8,300	8,780	
Luminous efficacy [lm/W]		143	140	142	140	139	140	138	137	
Illuminance [lx]	1	1.16 - 1.10	4,844	5,273	5,711	6,149	6,569	7,007	7,418	7,847
	2	2.32 - 2.20	1,211	1,318	1,428	1,537	1,642	1,752	1,855	1,962
	3	3.48 - 3.30	538	586	635	683	730	779	824	872
	4	4.64 - 4.40	303	330	357	384	411	438	464	490
	5	5.80 - 5.50	194	211	228	246	263	280	297	314
	h (m) Ø (m)									

XTRA WIDEFLOOD



		38 W	42 W	45 W	49 W	53 W	56 W	60 W	64 W	
Luminaire luminous flux [lm]		5,360	5,840	6,320	6,800	7,270	7,750	8,210	8,680	
Luminous efficacy [lm/W]		141	139	140	139	137	138	137	136	
Illuminance [lx]	1	2.63 - 2.50	2,050	2,234	2,417	2,601	2,781	2,964	3,140	3,320
	2	5.26 - 5.00	513	558	604	650	695	741	785	830
	3	7.89 - 7.50	228	248	269	289	309	329	349	369
	4	10.52 - 10.00	128	140	151	163	174	185	196	208
	5	13.15 - 12.50	82	89	97	104	111	119	126	133
	h (m) Ø (m)									

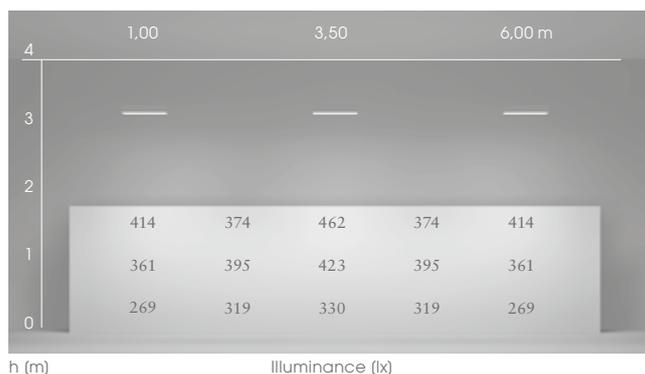
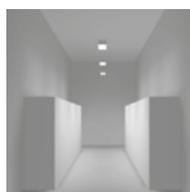
DOUBLE ASYMMETRICAL



		38 W	42 W	45 W	49 W	53 W	56 W	60 W	64 W
Luminaire luminous flux [lm]		5,500	5,990	6,480	6,980	7,450	7,950	8,420	8,910
Luminous efficacy [lm/W]		145	143	144	142	141	142	140	139

SAMPLE DISTRIBUTION OF ILLUMINANCE

Number of luminaires	3
Distance to illuminated surface [m]	0,90 m
Distance between luminaires [m]	2,50 m
Beam angle	double asymmetrical
System power set to [W]	53



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

840

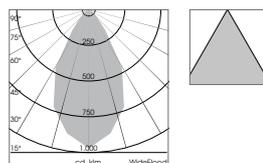
As a standard light colour the neutral white LED spectrum is suitable for the efficient illumination of clear body colours or to create a cooler spatial impression.

Colour code

LIGHT OPTICS

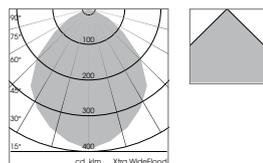
WATTAGES

WIDEFLOOD



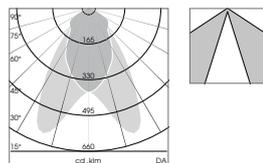
		38 W	42 W	45 W	49 W	53 W	56 W	60 W	64 W
Luminaire luminous flux [lm]		5,500	5,980	6,480	6,970	7,450	7,950	8,410	8,900
Luminous efficacy [lm/W]		145	142	144	142	141	142	140	139
Illuminance [lx]	1	4,916	5,345	5,792	6,230	6,659	7,106	7,517	7,955
	2	1,229	1,336	1,448	1,557	1,665	1,776	1,879	1,989
	3	546	594	644	692	740	790	835	884
	4	307	334	362	389	416	444	470	497
	5	197	214	232	249	266	284	301	318
	h (m)								
	∅ (m)								

XTRA WIDEFLOOD



		5,440	5,920	6,410	6,900	7,370	7,860	8,320	8,810
Luminaire luminous flux [lm]		5,440	5,920	6,410	6,900	7,370	7,860	8,320	8,810
Luminous efficacy [lm/W]		143	141	142	141	139	140	139	138
Illuminance [lx]	1	2,081	2,264	2,452	2,639	2,819	3,006	3,182	3,370
	2	520	566	613	660	705	752	796	842
	3	231	252	272	293	313	334	354	374
	4	130	142	153	165	176	188	199	211
	5	83	91	98	106	113	120	127	135
	h (m)								
	∅ (m)								

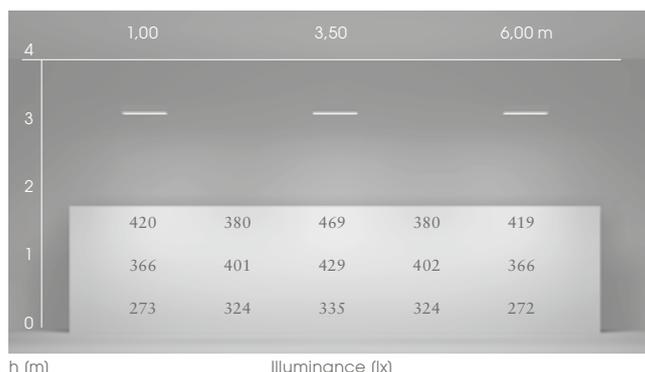
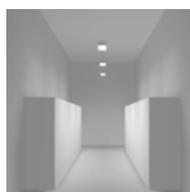
DOUBLE ASYMMETRICAL



		5,580	6,070	6,570	7,080	7,650	8,060	8,540	9,030
Luminaire luminous flux [lm]		5,580	6,070	6,570	7,080	7,650	8,060	8,540	9,030
Luminous efficacy [lm/W]		147	145	146	144	144	144	142	141

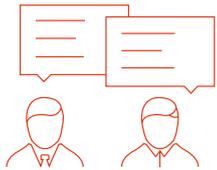
SAMPLE DISTRIBUTION OF ILLUMINANCE

Number of luminaires	3
Distance to illuminated surface [m]	0,90 m
Distance between luminaires [m]	2,50 m
Beam angle	double asymmetrical
System power set to [W]	53



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

BÄRO – Your lighting partner right from the start.



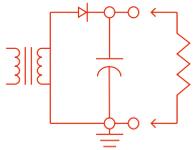
- > **ADVICE**
Discover the potential.

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



- > **PLANNING**
Light that suits you.

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



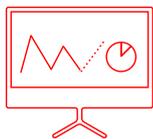
- > **INSTALLATION**
On site together.

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



- > **SUPPORT**
Long-term cooperation.

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



- > **LEASING**
Efficient lighting.
Financed effectively.

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

- > **CONTACT**

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