

Lighting Catalogue

2016



SILBER SONNE
LED SYSTEMS



SILBER SONNE
LED SYSTEMS

www.silbersonne.eu



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2016



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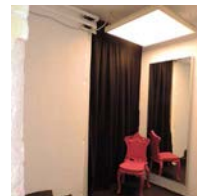


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Get to know us

Founded in 2007 after five years experience distributing other brands' products that vouch for our experience of this industry, SilberSonne is an exclusive firm which offers high quality LED lighting systems, for both professional and domestic environments. As of today, we have successfully implemented our

LED systems into many projects in Spain, Germany, Holland, Denmark, Austria, Portugal, Italy, Switzerland, Belgium, Luxembourg, Slovakia, Czech Republic, Ghana, Brasil or Mexico, achieving energy savings of at least 50% for companies, homes, institutions and public bodies.



Our objective

SilberSonne aims to drastically reduce CO₂ emissions by applying LED technology to replace conventional lighting systems. We want to offer a technological, ecological and economical solution to our customers. So we offer the possibility to calculate the actual savings in cost and CO₂ generation as well as measure the repayment period in which the customer can explore the feasibility of investment.

Always at the cutting edge of the industry, SilberSonne is constantly working on the R&D of its products from their inception, incorporating the latest technological innovations and advances into all its manufacturing processes and product testing. This involvement allows us to offer products of the highest quality that meet our customers' needs and requirements.



Global presence

SilberSonne, as an export brand of quality LED products, seeks to position itself as a leading company of this technology in foreign markets. To this end,

we take care of our image at international level and we are present for several years in different events of an international character.

light+building

elektrotechnik

**Hotel Industry Forum
FORUM**

References



Mercedes-Benz



Santander



RENAULT



coop



RIU
Hotels & Resorts



wanzi



Royal Smilde



BROEREN



FORECO[®]
Innovatief in hout



STOFF & STIL[®]



TSV
MANNHEIM
HOCKEY



HLB International



INDUSTRIAL

RETAIL

DOMESTIC

ACCESSORIES

A wide-angle photograph of a large industrial factory interior. The ceiling is high and features a grid of fluorescent lights. In the foreground, there is a metal workbench on wheels and a conveyor belt system. The floor is a bright red color. The background shows various industrial structures and pipes.

INDUSTRIAL lighting

MEINCKE



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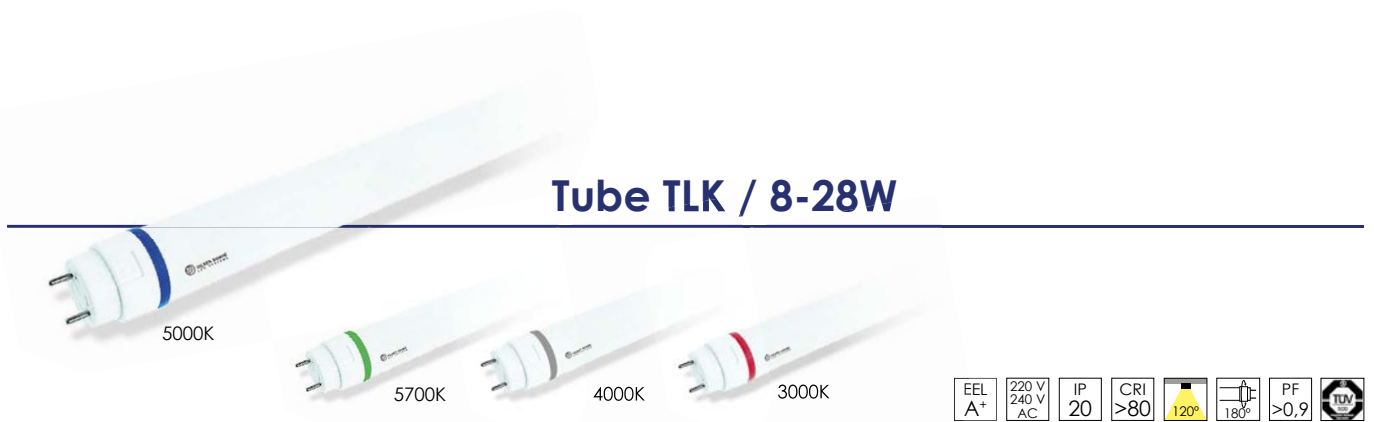
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Tubes

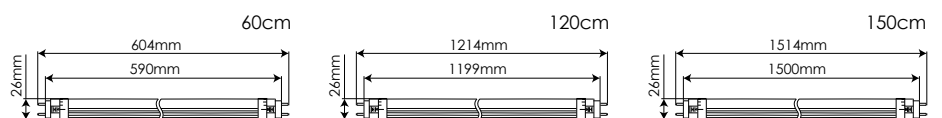
SilberSonne tubes are an ideal energy saving alternative to existing linear fluorescent luminaires. The high efficiency of up to 140 lm/W means less electricity is consumed to generate high quality light efficiently. The series has a fully enclosed design that delivers a robust and refined appearance with an instant start function.

Product features

- Compatible with traditional magnetic ballast for the T8 fluorescent.
- Rotative endcap with lock function: useful and reliable.
- Easy to fit by hand: simply replace the old tube and exchange the given starter.



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
TLK608FWM	60cm	8	18	900	113	5700	0,12
TLK608CWM	60cm	8	18	900	113	5000	0,12
TLK608NWM	60cm	8	18	900	113	4000	0,12
TLK608WWM	60cm	8	18	850	106	3000	0,12
TLK218FWM	120cm	18	36	2100	117	5700	0,34
TLK218CWM	120cm	18	36	2100	117	5000	0,34
TLK218NWM	120cm	18	36	2100	117	4000	0,34
TLK218WWM	120cm	18	36	2000	111	3000	0,34
TLK523FWM	150cm	23	58	2800	122	5700	0,41
TLK523CWM	150cm	23	58	2800	122	5000	0,41
TLK523NWM	150cm	23	58	2800	122	4000	0,41
TLK523WWM	150cm	23	58	2500	109	3000	0,41
TLK528FWM	150cm	28	58	3500	125	5700	0,41
TLK528CWM	150cm	28	58	3500	125	5000	0,41
TLK528NWM	150cm	28	58	3500	125	4000	0,41
TLK528WWM	150cm	28	58	3200	114	3000	0,41





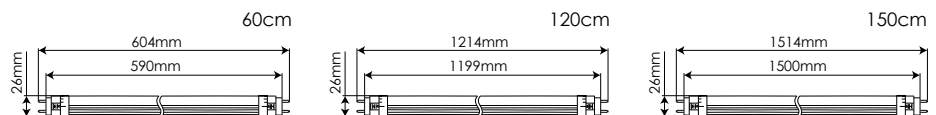
TUBES

Tube TLKH High Power / 8-24W

NEW



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
TLK607FWMH	60cm	8	18	1100	135	5700	0,12
TLK607CWMH	60cm	8	18	1100	135	5000	0,12
TLK607NWMH	60cm	8	18	1100	135	4000	0,12
TLK607WWMH	60cm	8	18	1050	131	3000	0,12
TLK215FWMH	120cm	15	36	2100	140	5700	0,34
TLK215CWMH	120cm	15	36	2100	140	5000	0,34
TLK215NWMH	120cm	15	36	2100	140	4000	0,34
TLK215WWMH	120cm	15	36	2000	133	3000	0,34
TLK520FWMH	150cm	20	58	2800	140	5700	0,41
TLK520CWMH	150cm	20	58	2800	140	5000	0,41
TLK520NWMH	150cm	20	58	2800	140	4000	0,41
TLK520WWMH	150cm	20	58	2500	125	3000	0,41
TLK524FWMH	150cm	24	58	3400	140	5700	0,41
TLK524CWMH	150cm	24	58	3400	140	5000	0,41
TLK524NWMH	150cm	24	58	3400	140	4000	0,41
TLK524WWMH	150cm	24	58	3050	128	3000	0,41



High bays

Manufacturing customers want energy-efficient lighting solutions and industrial luminaires for damp environments where protection against gases, vapors and dust is needed. Designed using high-quality materials, SilberSonne high bay's optical system is composed of high-purity spun and anodized aluminum with a high lighting performance.

Product features

- 125lm/W ultra high light efficiency.
- Anti-corrosion coating surface with IP65.
- Unique patented sunflower heat sink for better thermal dissipation.
- MEAN WELL power supply, reliable and high efficiency.

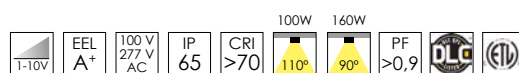


160W

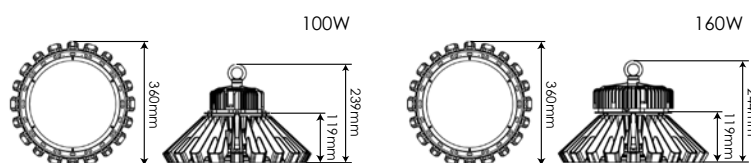


100W

High bay / 100-160W



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
HBY100CWD	Ø36cm	100	250	11000	110	5000	5,6
NEW HBY160CWD	Ø36cm	160	400	18150	113	5000	6,6





HIGH BAYS

Smart lighting system



Intelligent lighting Smart Lighting System is an industrial LED lighting control system, which applies PLC technology. It can conduct the centralized management and intelligent control towards LED lamps to realize free grouping, one-click scene switch, single lamp real-time monitoring, automatic dimming and other functions.

Energy savings LED lamps mean more than 40% of energy savings than traditional lamps, while smart lighting system provides further 50% on the original basis of LED lighting.

PLC technology Power Line Carrier technology does not need any additional communication bus or wireless network but adopting existing power line to organize the reliable lamp networking.

Simplicity for operation Only with one touch screen and via the efficient and simplified smart system software interface, the users can easily manage and monitor all lamps for higher management effectiveness.



Intelligent terminal, remote control



Single lamp, group, whole network dimming



Real-time lamps monitoring



Scene control, a key switch



Scene switching according to time



Motion sensor



Constant illumination



Power consumption statistics



Integral fixtures

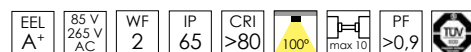
Integral fixture means waterproof, dustproof, corrosionproof and vaporproof made by latest LED technology and high density PVC body. Integrated streamline tube structure makes the light more even and soft. SilberSonne fixture are the perfect energy saving alternative to traditional T5/T8 fluorescent tri-proof lamp.

Product features

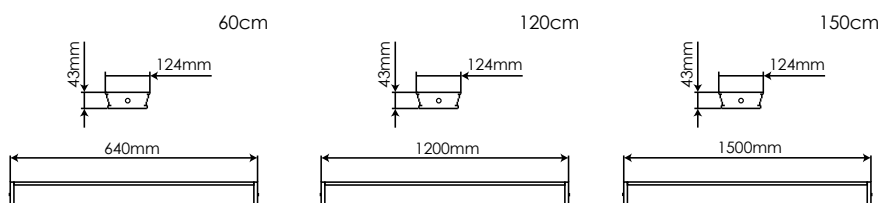
- High energy efficiency light source and constant current output design greatly improve the fixture's lifespan.
- The internal light used anti seismic materials and damping structure to keep work long time in various high frequency and strong vibrations places.



Fixture / 15-60W



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
FX615FW	60cm	15	2 T8 x 18	1500	100	6000	1,2
FX615CW	60cm	15	2 T8 x 18	1500	100	5000	1,2
FX615NW	60cm	15	2 T8 x 18	1500	100	4000	1,2
FX615WW	60cm	15	2 T8 x 18	1400	93	3000	1,2
FX235FW	120cm	35	2 T8 x 36	3700	106	6000	2,3
FX235CW	120cm	35	2 T8 x 36	3700	106	5000	2,3
FX235NW	120cm	35	2 T8 x 36	3600	103	4000	2,3
FX235WW	120cm	35	2 T8 x 36	3400	97	3000	2,3
FX543FW	150cm	43	2 T8 x 58	4300	100	6000	2,8
FX543CW	150cm	43	2 T8 x 58	4300	100	5000	2,8
FX543NW	150cm	43	2 T8 x 58	4300	100	4000	2,8
FX543WW	150cm	43	2 T8 x 58	4200	98	3000	2,8
FX560FW	150cm	60	2 T8 x 58	6400	107	6000	2,8
FX560CW	150cm	60	2 T8 x 58	6300	105	5000	2,8
FX560NW	150cm	60	2 T8 x 58	6000	100	4000	2,8
FX560WW	150cm	60	2 T8 x 58	5700	95	3000	2,8





INTEGRAL FIXTURES

Flood lights

SilberSonne flood lights bring the security and safety of high quality illumination to a variety of outdoor areas. With a great look, performance and durability, these luminaires incorporate both cutting edge LED technology along with proprietary optics to achieve flood lighting comparable with other traditional light sources.

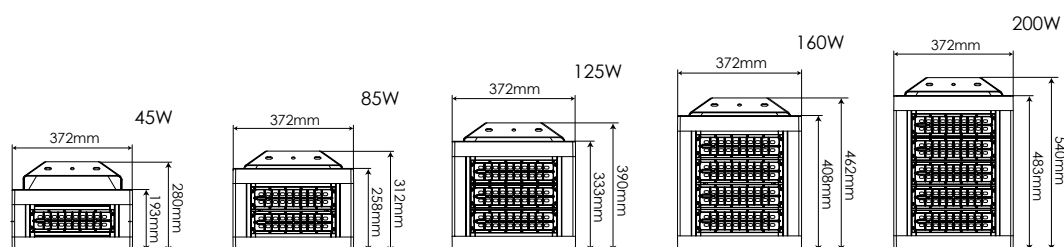
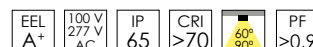
Product features

- Anti-corrosion coating surface and IP65 design.
- Reliable and high efficiency LED drives.
- Light weight but rugged aluminum housing.
- Different beam angles, creating super bright, shadow-free security and wide beam distribution for general purpose flood lighting.

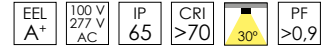


Flood light PRLS / 45-200W

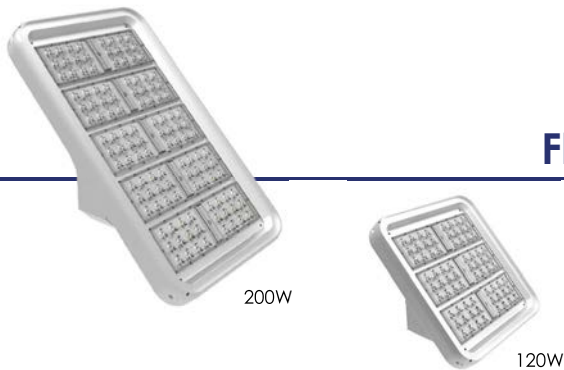
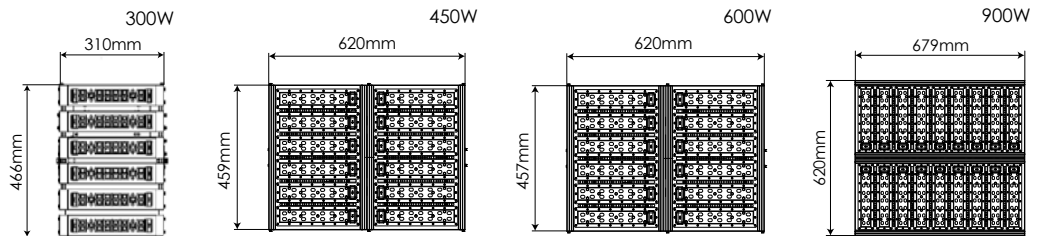
Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
PRLS45CW	37 x 19cm	45	100	3950	88	5000	4,5
PRLS85CW	37 x 26cm	85	250	7900	93	5000	5
PRLS125CW	37 x 33cm	125	250	11900	95	5000	5,5
PRLS160CW	37 x 41cm	160	400	15500	97	5000	6,2
PRLS200CW	37 x 48cm	200	400	21000	105	5000	7



Flood light PRL High Mast / 300-900W



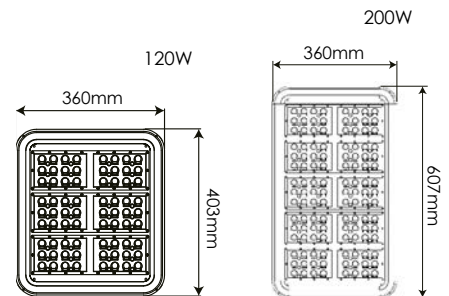
Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
PRL300CW	47 x 31cm	300	1000	33000	110	5000	7,6
PRL450CW	62 x 46cm	450	1000	50000	111	5000	16
PRL600CW	62 x 46cm	600	1500	67000	112	5000	16
PRL900CW	68 x 62cm	900	2000	100000	111	5000	24,5



Flood light PRLB Facade / 120-200W



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
PRLB120CW	40 x 36cm	120	240	11000	92	5000	8
PRLB200CW	60 x 36cm	200	400	18000	90	5000	11,5





FLOOD LIGHTS

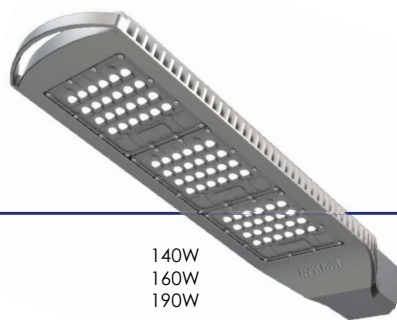


Street lights

LED street lighting is a foundational solution for helping to enhance quality of life and improve infrastructure in an efficient and cost-effective manner. Street light fixtures enhance illumination along city streets while providing savings through increased energy efficiency, decreased maintenance needs and longer-rated lifetimes.

Product features

- The finned upper cover with cooling function improves the performance of the lamp.
- The rotating joint can be used for both horizontal and vertical plug-in pole.
- The asymmetric optical design reduces the unnecessary waste on an efficient way.



140W
160W
190W



30W
40W
50W
60W

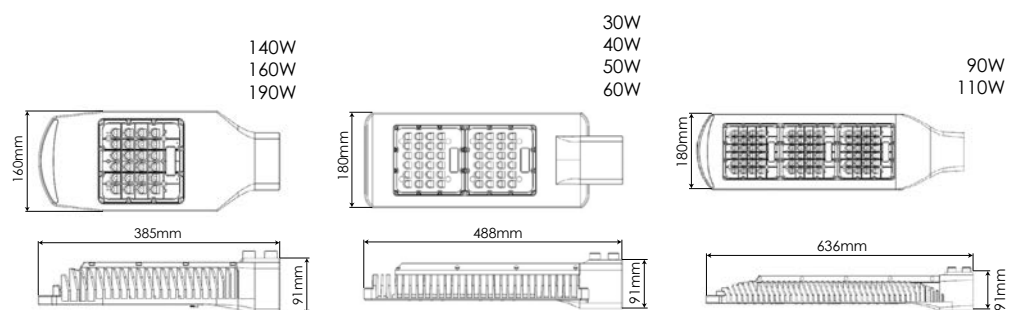


90W
110W

Street light / 30-190W



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
STLH30CW	39 x 16cm	30	100	3200	107	5500	3,8
STLH40CW	39 x 16cm	40	100	4000	100	5500	3,8
STLH50CW	39 x 16cm	50	150	5200	104	5500	3,8
STLH60CW	39 x 16cm	60	150	5500	92	5500	3,8
STLH90CW	49 x 18cm	90	250	9300	103	5500	5,6
STLH110CW	49 x 18cm	110	250	10700	97	5500	5,6
STLH140CW	64 x 18cm	140	400	13700	98	5500	8,8
STLH160CW	64 x 18cm	160	400	16100	101	5500	8,8
STLH190CW	64 x 18cm	190	400	17600	93	5500	8,8





STREET LIGHTS

Line lights

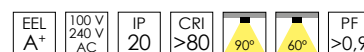
LED line lights are the perfect replacement lighting with reduced costs and better brightness. Their construction with advanced and innovative techniques allows them not to take warm up time. LED linear lighting solutions are ideal to place in offices, shops, malls, warehouses, hospitals and other places to brighten a large place with single light.

Product features

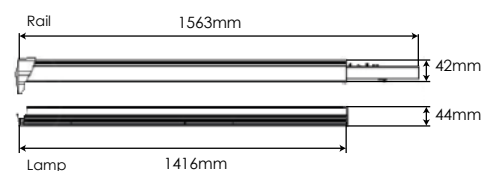
- High efficiency allows energy savings of more than 50% compared to fluorescent-based luminaires.
- 5 different types of wiring connections are possible depending on the needs of the customer.
- Easy replacement: less than 45 seconds. By hand without tools, and no turning off the rest.



Line light / 40-80W

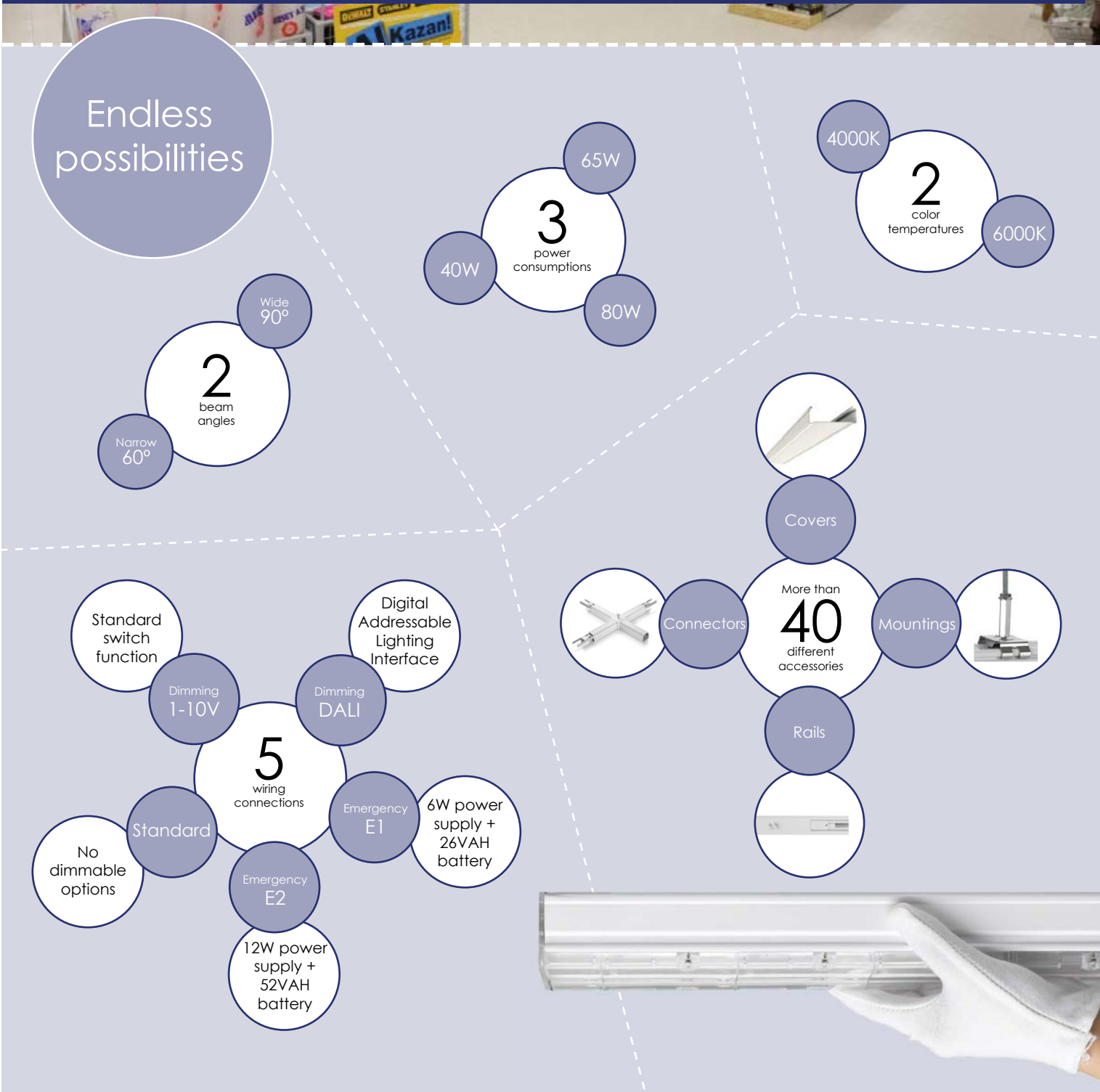


Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
LL540FW	150cm	40	2 T8 x 56	5300	133	6000	5
LL540NW	150cm	40	2 T8 x 56	5300	133	4000	5
LL565FW	150cm	65	2 T8 x 56	8500	131	6000	5
LL565NW	150cm	65	2 T8 x 56	8500	131	4000	5
LL580FW	150cm	80	2 T8 x 75	10400	130	6000	5
LL580NW	150cm	80	2 T8 x 75	10400	130	4000	5





LINE LIGHTS



Canopy lights

SilberSonne canopy light family provides an energy-efficient and robust means for lighting areas with canopies, such as gas stations. Attractive, efficient lighting is essential for creating the right visibility, appearance, safety and ambience for customers visiting your petrol station at night. 9SilberSonne canopy lights achieve this goal.

Product features

- Driver on board (DOB) solution and complete mounting options.
- Specifically designed for recessed mounting in different applications.
- High protection degree to extend the product lifespan: IP65 and KV10 rates.

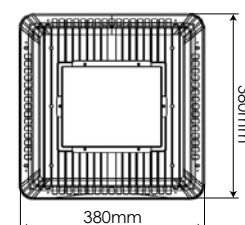
NEW



Canopy light / 75-120W

EEL A+	220 V 240 V AC	KV 10	IP 65	CRI >80	120°	PF >0,9
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Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
CLK75CW	38 x 9cm	75	250	7700	103	5000	12
CLK100CW	38 x 9cm	100	250	9500	95	5000	12
CLK120CW	38 x 9cm	120	400	12500	104	5000	12



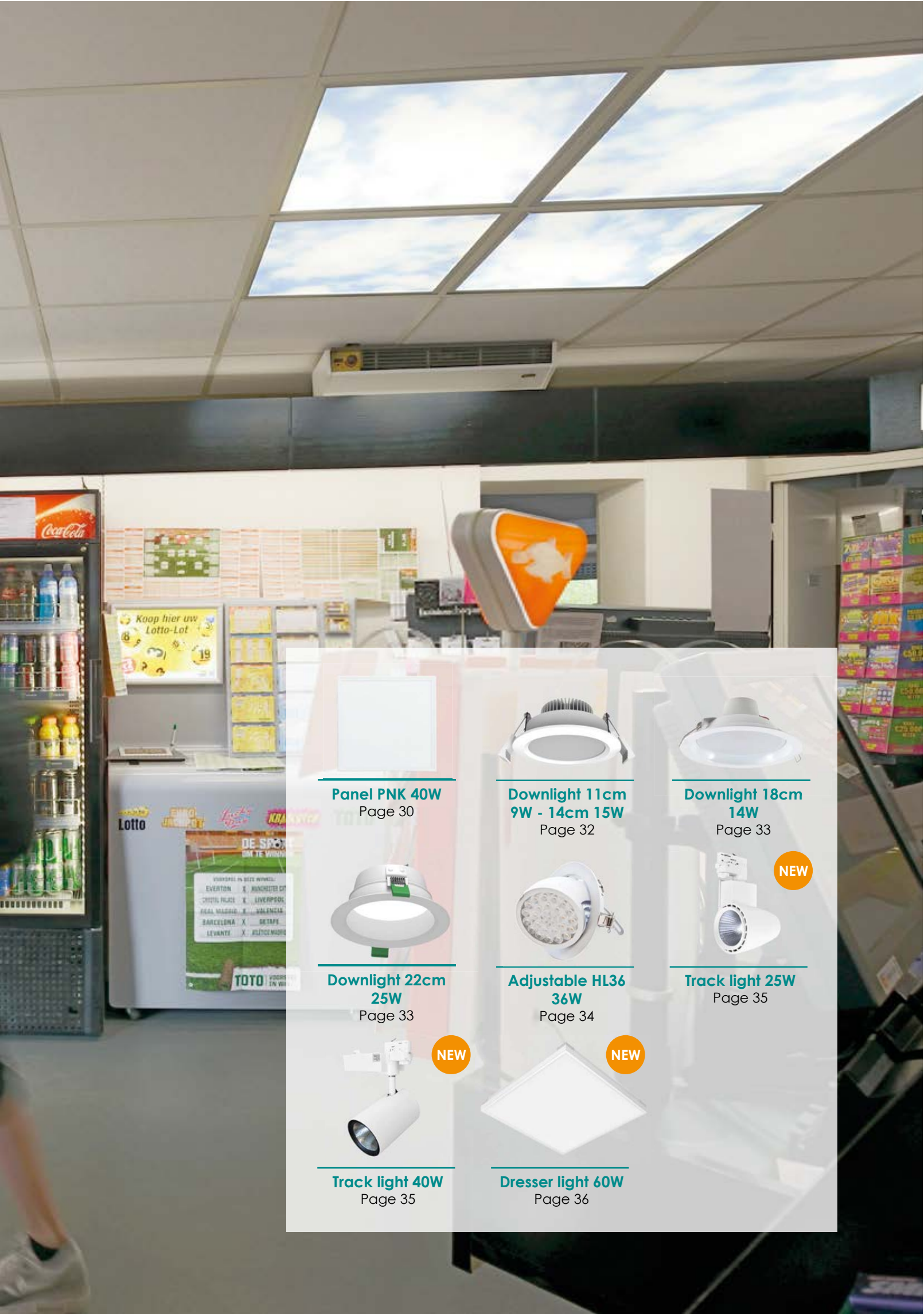


CANOPY LIGHTS



Het Rokertje

RETAIL
lighting



Panel PNK 40W
Page 30



Downlight 11cm
9W - 14cm 15W
Page 32



Downlight 18cm
14W
Page 33



Downlight 22cm
25W
Page 33



Adjustable HL36
36W
Page 34



NEW

Track light 25W
Page 35



NEW

Track light 40W
Page 35



NEW

Dresser light 60W
Page 36

Panels

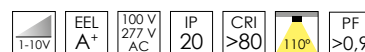
SilberSonne panel represents an excellent deal for those looking for pleasant and efficient lighting due to its innovative and slim shape that delivers a uniform surface of light, creating modern and trendy environments. With a very simple installation, SilberSonne panels can be used to replace functional luminaires in general lighting applications.

Product features

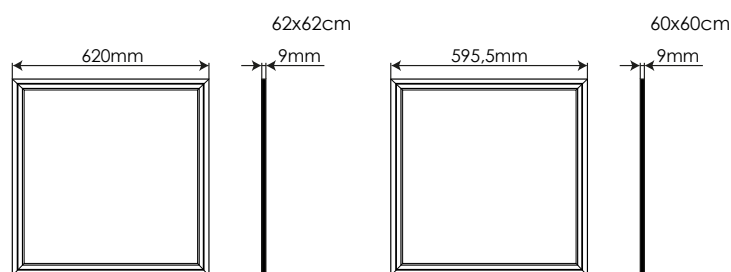
- Energy savings of up to 40% compared to functional T8 luminaires.
- Ultraslim square housing.
- Choice of three color temperatures: 3000K, 4000K and 5000K.
- Dimmable power supply 1-10V.



Panel / 40W



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
PNK40CW60D	60 x 60cm	40	4 T8 x 18	3700	93	5000	4
PNK40NW60D	60 x 60cm	40	4 T8 x 18	3700	93	4000	4
PNK40WW60D	60 x 60cm	40	4 T8 x 18	3500	88	3000	4
PNK42CW60D	62 x 62cm	40	4 T8 x 18	3700	93	5000	4
PNK42NW60D	62 x 62cm	40	4 T8 x 18	3700	93	4000	4
PNK42WW60D	62 x 62cm	40	4 T8 x 18	3500	88	3000	4





PANELS

Downlights

Easy to install thanks to their standard cut-out size and push-in connectors, SilberSonne downlights help customers to make switch to LED, creating a natural lighting effect for use in general applications. They deliver instant energy savings and have a much longer lifetime, creating a real value-for-money and environmentally friendly solution.

Product features

- One-to-one replacement, facilitating the switch from conventional to LED luminaires.
- Reduced operating costs thanks to energy saving and longer lifetime.
- Attract shoppers with high-quality light that accentuates intense whites and rich colours.

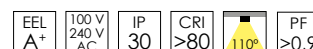


9W

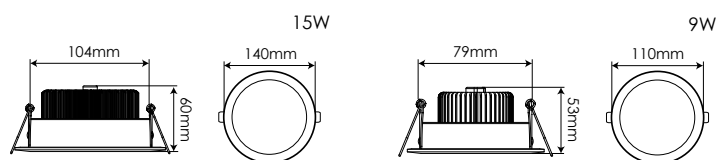


15W

Downlight / 11cm 9W - 14cm 15W



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
DL9CW3	Ø11cm	9	Halogen 50	650	72	5000	0,3
DL9NW3	Ø11cm	9	Halogen 50	650	72	4000	0,3
DL9WW3	Ø11cm	9	Halogen 50	600	67	3000	0,3
DL15CW4	Ø14cm	15	Halogen 50	1150	77	5000	0,4
DL15NW4	Ø14cm	15	Halogen 50	1150	77	4000	0,4
DL15WW4	Ø14cm	15	Halogen 50	1100	73	3000	0,4

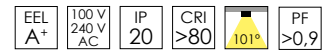




DOWNLIGHTS



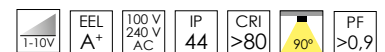
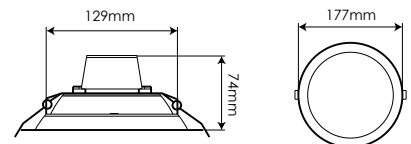
Downlight / 18cm 14W



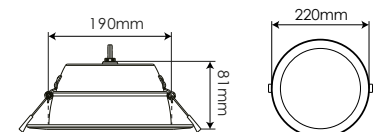
Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
DL14CW6	Ø18cm	14	2 x 18	1100	79	5000	0,4
DL14NW6	Ø18cm	14	2 x 18	1050	75	4000	0,4
DL14WW6	Ø18cm	14	2 x 18	1000	71	3000	0,4



Downlight / 22cm 25W



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
DLE25CW8D	Ø22cm	25	2 x 26	2200	88	5000	0,8
DLE25NW8D	Ø22cm	25	2 x 26	2100	84	4000	0,8
DLE25WW8D	Ø22cm	25	2 x 26	2000	80	3000	0,8



Adjustables

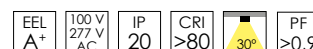
SilberSonne adjustable range is designed to replace metal halide-based luminaires. This product provides a direct light focuses on the product to be emphasized, as well as instant energy savings and much longer lifetime. Ideal for illuminating shop windows, sales floors, racks and shelves, truly bringing the merchandise on display to life.

Product features

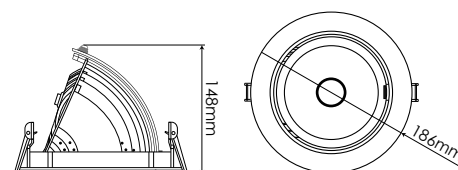
- Lamp rotation and orientation is possible in order to adjust the light direction.
- Chip-on-Board (COB) technology in both track lights.
- These luminaires achieve maximum energy saving, close to 50%.



Adjustable HL36 / 36W



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
HL36CW7	Ø19cm	36	Metal halide 70	3300	92	5000	1,2
HL36NW7	Ø19cm	36	Metal halide 70	3100	86	4000	1,2
HL36WW7	Ø19cm	36	Metal halide 70	2900	81	3000	1,2





ADJUSTABLES

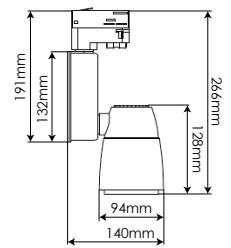
NEW



Track light / 25W

EEL A+ 100 V 240 V AC IP 20 CRI >80 24° PF >0,9

Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
TSE25NWW	Ø9cm	25	Metal halide 50	2100	84	4000	1,2
TSE25WWW	Ø9cm	25	Metal halide 50	2000	80	3000	1,2



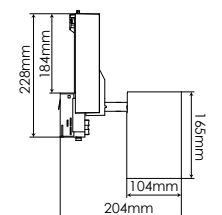
NEW



Track light / 40W

EEL A+ 100 V 240 V AC IP 20 CRI >80 36° PF >0,9

Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
TSE40NWW	Ø10cm	40	Metal halide 70	3600	90	4000	1,3
TSE40WWW	Ø10cm	40	Metal halide 70	3400	85	3000	1,3



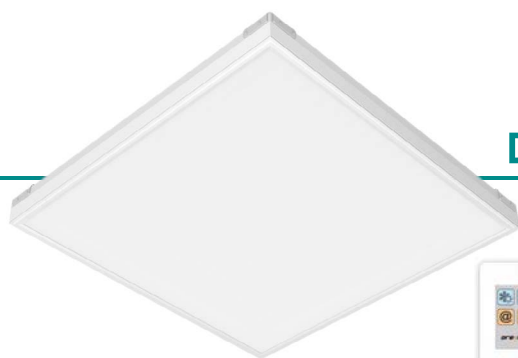
Dresser light

60% of the buying decisions are made inside the fitting room. Providing a flattering light will make your customers look and feel good and create a positive experience that will influence their buying behaviour. The right colour temperature will show the product off to its best because it lets shoppers see how their outfits look under different lighting conditions.

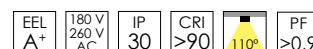
Product features

- Quick and easy installation with various choices.
- 8 optional color temperatures, from 5700K at 100% of intensity to 3000K at 30%.
- From a simple touch-screen panel, consumers can switch the diffuse lighting between pre-defined settings.

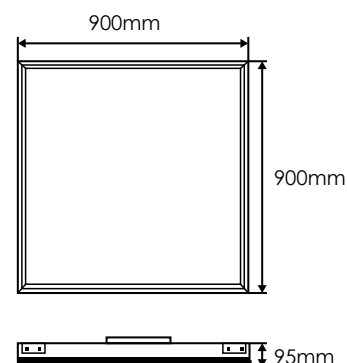
NEW



Dresser light / 60W



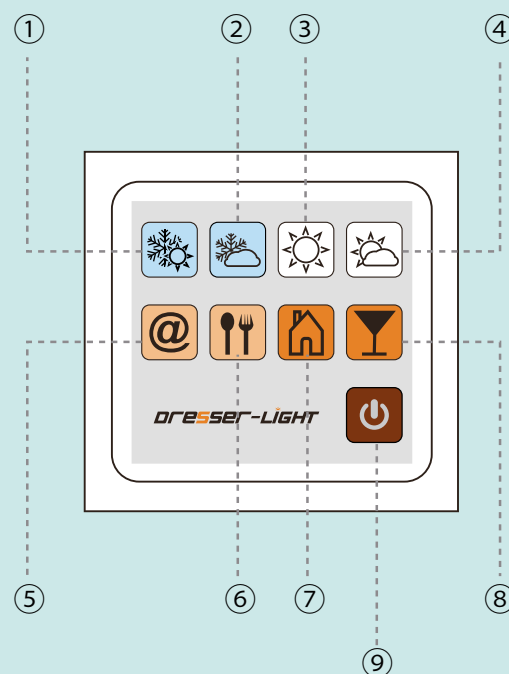
Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
DSL60W90	90 x 90cm	60	-	3500	58	3000-5700	10



DRESSER LIGHT

Unique lighting solution

	Ambience	CCT	Intensity
①	Winter day / sunny	5700K	100%
②	Winter day / cloudy	5700K	50%
③	Summer day / sunny	5000K	100%
④	Summer day / cloudy	5000K	50%
⑤	Office	4000K	100%
⑥	Restaurant	4000K	30%
⑦	Home	3000K	100%
⑧	Bar / Club	3000K	30%
⑨	ON / OFF		

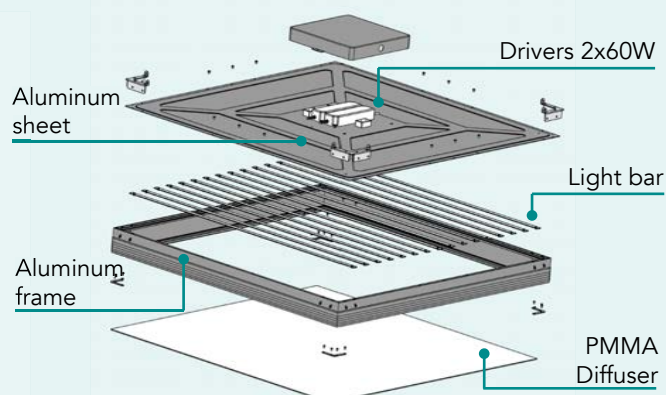
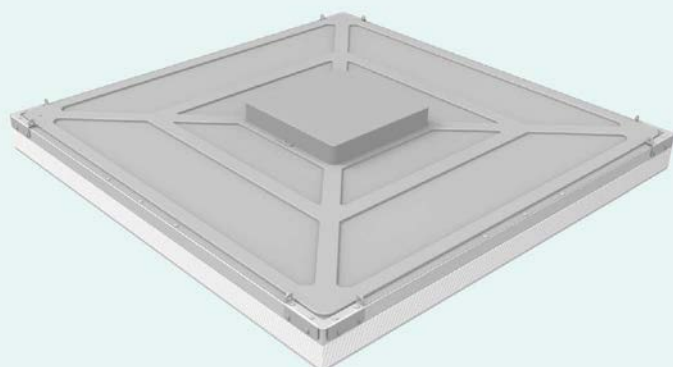


Winter day / sunny
Winter day / cloudy

Summer day / sunny
Summer day / cloudy

Office
Restaurant

Home
Bar / Club



A photograph of a modern kitchen display. The ceiling features several recessed lighting fixtures, including a large square panel and several smaller square fixtures with multiple spotlights. The kitchen has dark grey countertops, a wooden cutting board, and a gas cooktop. In the background, there are wooden cabinets and a stainless steel oven. A red sign with the word 'WINGEN' is visible on the wall. The text 'DOMESTIC lighting' is overlaid in white on the left side of the image.

DOMESTIC lighting



Spot HL10 10W
Page 40



Spot HLC12 10W
Page 40



Spot AR111 12W
Page 41



Surface lamp 9W
Page 42



Surface dimmable lamp 16W
Page 42



Hanging dimmable lamp 52W
Page 43

Spots

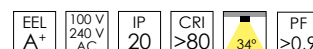
Easy to install and maintain, SilberSonne spots deliver huge energy savings and minimize maintenance costs without compromising on brightness. Discreet and effective, the high-performance light of these spots with an adjustable design, focuses accurately the light on any desired area and objects influencing your customers buying behaviour.

Product features

- Aluminum heat sink designed for effective heat dissipation.
- Robust driver with wide voltage range 100-240VAC and inbuilt protection.
- Recessed mount, with IP20 protection from dust and insects.



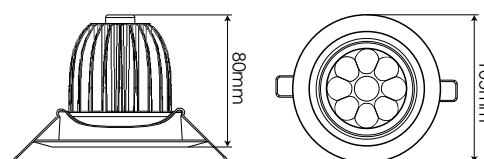
Spot HL / 10W



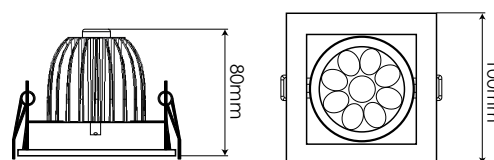
Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
HL10CW	Ø10cm	10	Halogen 50	1000	100	5000	0,3
HL10WW	Ø10cm	10	Halogen 50	900	90	3000	0,3



Spot HLC / 10W



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
HLC12CW	10cm	10	Halogen 50	1000	100	4000	0,3
HLC12WW	10cm	10	Halogen 50	900	90	3000	0,3





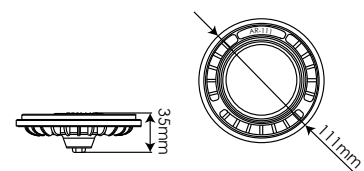
SPOTS



AR111 / 12W

EEL A+ 100V 240V AC IP 20 CRI >80 30° PF >0,9

Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
AR111NW12	Ø11cm	12	G53 110W	850	71	4000	0,1
AR111WW12	Ø11cm	12	G53 110W	770	64	3000	0,1



Lamps

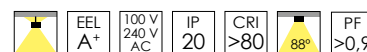
Energy efficiency can be achieved for your customer's home with the use of an LED lamp. SilberSonne offers a range of surface and hanging lamps to add an attractive look to any room, brightening hallways, living rooms and bedrooms. Dimmer options make your customers notice an immediate impact to the overall ambience of their space.

Product features

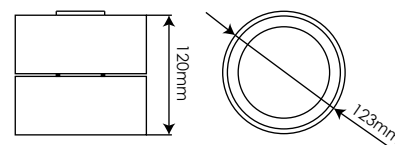
- In addition to providing functional lighting, these lamps can establish any room's sense of decor.
- Dimmer options will give your customers many possibilities to create different ambiances.
- These luminaires achieve maximum energy saving, close to 50%.



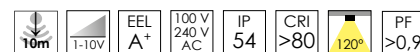
Surface lamp / 9W



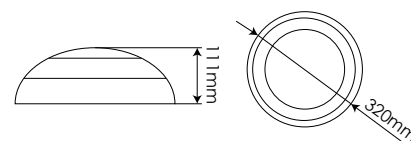
Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
SSPWW9	Ø12cm	9	Halogen 50	900	100	3000	0,9



Surface dimmable lamp / 16W



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
SL16CWSD	Ø32cm	16	Coventional 60	1050	66	5000	1,2
SL16NWSD	Ø32cm	16	Coventional 60	950	59	4000	1,2
SL16WWSD	Ø32cm	16	Coventional 60	850	53	3000	1,2

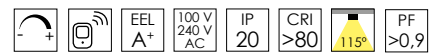




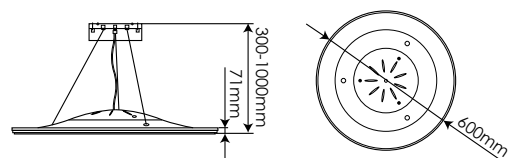
LAMPS



Hanging dimmable lamp / 52W



Reference	Version	Power	Equivalent	Luminous flux	Efficiency	CCT	Weight
	cm	W	W	lm	lm/W	K	Kg
UFOW52W	Ø60cm	52	Coventional 60	4300	83	3000-5000	4,6
UFOG52W	Ø60cm	52	Coventional 60	4300	83	3000-5000	4,6
UFOB52W	Ø60cm	52	Coventional 60	4300	83	3000-5000	4,6



A photograph of a modern interior hallway. A white pillar stands in the foreground on the left. In the background, a doorway leads to a room with a purple wall and a potted plant. A recessed ceiling light fixture is visible above the doorway. The word "ACCESSORIES" is overlaid in large white letters across the center of the image.

ACCESSORIES



**Rotating bracket
for street light**
Page 40



**Surface panel
frame**
Page 40



**Drywall ceiling
panel frame**
Page 40



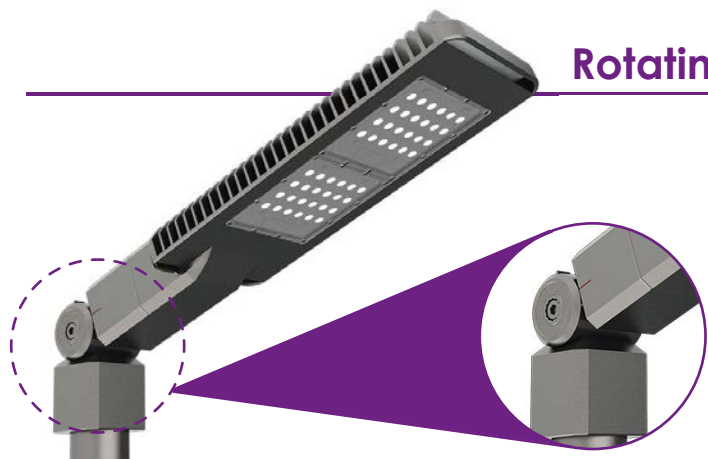
Light regulator
Page 41



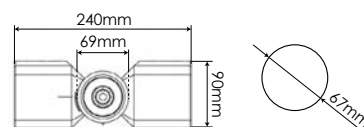
Motion sensor
Page 41

Accessories

Rotating bracket for street light

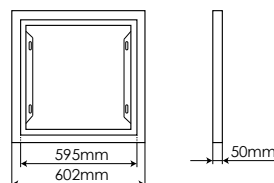


Reference	Finish	Material	Weight
	color	-	Kg
STLHRBR	Grey	Aluminum	3



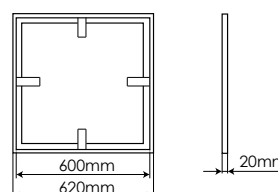
Surface panel frame / 60x60

Reference	Finish	Material	Weight
	color	-	Kg
PNFRAMESUR	White	Aluminum	1,5



Drywall ceiling panel frame / 60x60

Reference	Finish	Material	Weight
	color	-	Kg
PNFRAMEDWALL	White	Aluminum	1,3

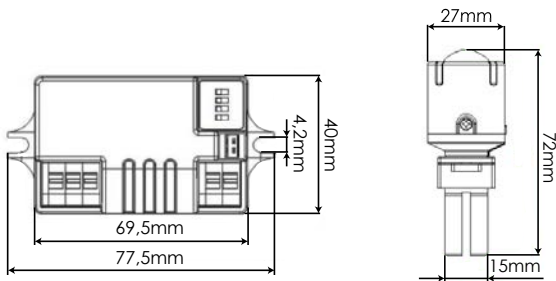


Light regulator



Reference	Output	Power	Weight
	V	W	Kg
CL001SOCL	1-10	0,6-1,2	0,1

- The light regulator measures the illuminance at the target area through the light sensor. It calculates the amount of luxes needed to achieve the pre-defined intensity.
- The regulator switches off the device automatically when the amount of light perceived is higher than the target lux value, and switches on again when the natural light is below this value.

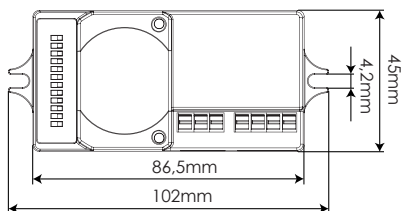


Motion sensor
























Reference	Frequency	Power	Weight
	Ghz	W	Kg
SP0002C	5,8	0,6-1,2	0,1

- With sufficient natural light the lamp does not switch on when presence is detected.
- With insufficient natural light the sensor switches on the lamp automatically when movement is detected.
- After the pre-defined hold time the sensor switches off the lamp automatically when no movement is detected.



Symbology

	<p>Degree of IP protection - In accordance with standard EN 60598-1, luminaires are classified on the basis of the protection derived from their elements of construction. The degree of protection is indicated by the letters IP followed by a 3-figure number, through only the first two numbers are shown.</p> <p> IP 1st figure: Indicates the protection of XX the material against the entry of foreign bodies and dust, as well of people coming into contact with live parts in the device. 0 - Not protected. 1 - Protected against foreign objects >50mm. 2 - Protected against foreign objects >12mm. 3 - Protected against foreign objects >2.50mm. 4 - Protected against foreign objects >1mm. 5 - Dust protected. 6 - Completely dust-tight. </p> <p> IP 2nd figure: Indicates the protection of XX the material against the entry of moisture. 0 - Not protected. 1 - Protected against vertically falling drops of water. 2 - Protected against water drops with the housing tilted at 15° with respect to the vertical. 3 - Protected against rain. 4 - Protected against splashing. 5 - Protected against jets of water. 6 - Protected against powerful water jets. 7 - Protected against temporary immersion. 8 - Submersible material. </p>
	<p>Degree of WF protection - Indicates the anti-corrosion degree of the luminaire. The higher the value, the greater the protection.</p>
	<p>Colour Rendering Index - Relates to the way objects appear under a given light source. A low CRI indicates that objects may appear unnatural under the source, while a light with a high CRI rating will allow an object's colours to appear more natural. The maximum value of the CRI of a source is equal to 100. Light sources providing a CRI over 80 are considered as excellent for colour recognition.</p>
	<p>Protection degree from electrical surges and voltage spikes. The higher the value, the greater the protection.</p>
	<p>Working voltage.</p>
	<p>Power factor - Indicator of the correct use of electric energy. The higher is the power factor, the greater the use of the received energy to produce work, in this case light. It is expressed between -1 and 1.</p>
	<p>Energy consumption category.</p>
	<p>Dimmable lamp with light regulator or motion sensor.</p>
	<p>Dimmable intensity and color of light.</p>
	<p>Remote control capability.</p>
	<p>Maximum number of connectable units on line.</p>
	<p>Maximum installation height in meters for detection task.</p>

	Rotative end cap.
	Beam angle.
	Halo light direction.
	Adjustable detection area. Minimum and maximum values indicated.
	Adjustable detection area. Minimum and maximum values indicated.
	Adjustable waiting time. Minimum and maximum values indicated.
	Product with TÜV certification.
	Product with DLC certification.
	Product with ETL certification.

SILBERSONNE LED SYSTEMS, S.L. is constantly developing and improving its products. For this reason, SILBERSONNE reserves the right to change at anytime without prior warning the technical specifications of any products illustrated in this catalogue.

@SILBERSONNE LED SYSTEMS, S.L. May 2016

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