

Quality Within Your Reach

|

2025



A man with short brown hair and glasses, wearing a white long-sleeved shirt and a blue lanyard, is standing in a large industrial factory. He is holding a silver laptop with both hands and looking down at the screen. The background is a blurred view of the factory floor, showing various pieces of machinery, including yellow robotic arms, and bright overhead lights. The overall atmosphere is professional and modern.

Intelligent lighting solution

Our intelligent lighting solution creates not only the "best" lighting conditions. Adaptive integrated sensors can intelligently control the working program of LEDs. Whether through light sensing and motion detection or biodynamic lighting, it increases energy savings.

Sport Field Lighting



Flood Lighting



Street Lighting



Linear High/Low Bay Lighting



UFO High Bay Lighting



Waterproof Linear Lighting





Sport Field Lighting

Quality Within Your Reach



Redefine Anti-Glaring UGR <19

Anti-glaring light is required more and more for applications where people doesn't feel comfortable with the glaring light. especially when the lights were not very high. MILDBEAM is the ideal solution for visual protection. This increases the performance of staff and the quality of their work.

“

The right lighting in the right place is a crucial factor in industry for greater productivity and employee motivation. The effortless managing of visual tasks affects employee performance, the quality of work as well as occupational safety. The spectrum of these requirements is so diverse that generally applicable lighting and only a single correct lighting for workplaces is not possible. All our lightings are therefore developed on the basis of specific characteristics and requirements depending on the respective needs.



Europe Patent

160LM/W



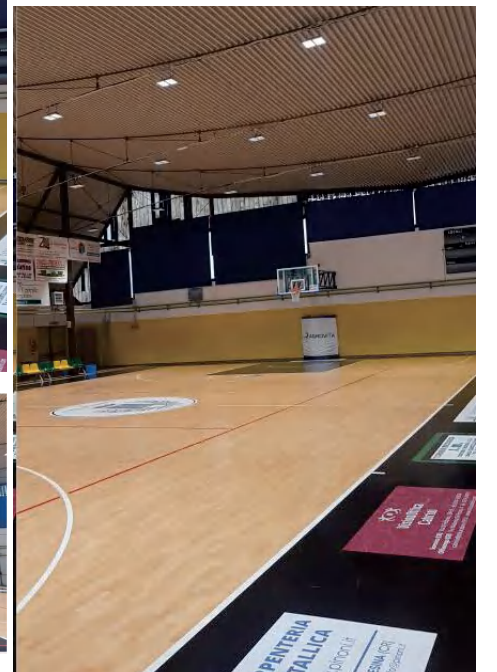
UGR<19



IK 10



Project: Indoor Basketball Gym
Location: Italy
Light used: 35pcs Mildbeam 200w

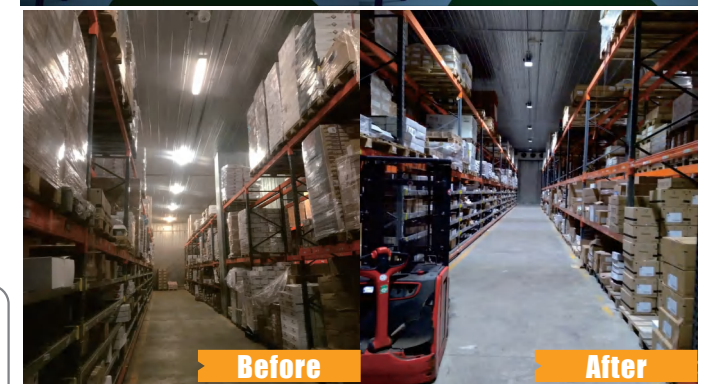
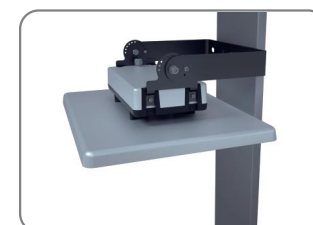
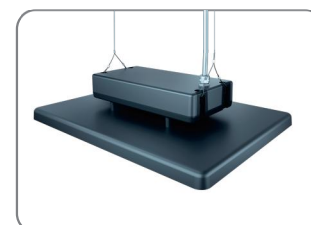


• Advanced UGR technology

The Optics was specially developed to minimize glare and maximize homogeneity. With an anti-glaring film on the lens and a grille in front, we managed to achieve UGR<19

• Simple installation

With ceiling installation accessory equipped with mains lead, the two suspension points at the ceiling could be combined to One-Point installation. This saves time and cost for installation. And even vibrations and air movements are no longer able to twist it.



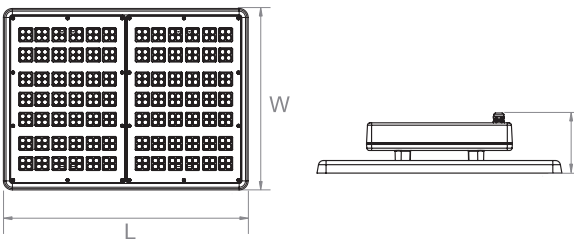
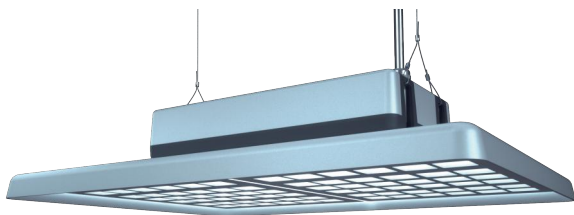
Before

After



Project: Wall's Warehouse
Location: France
Light used: 89pcs Mildbeam

Mildbeam

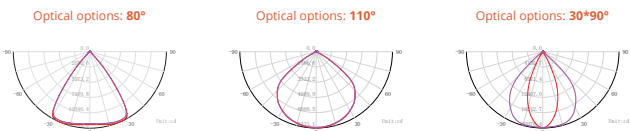


SILVAIR Bluetooth CASAMBI

Controls and Dimming

Function	1-10V, PWM, Triac dimming (for option) DALI-2 (for option)
Device	Sensor (for option)
Cables	3x1.0mm2, 0.8m length

Light distribution angle



General Information

Light source engine type	LED
Driver included	Meanwell
Lifetime	L70B10 >108000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

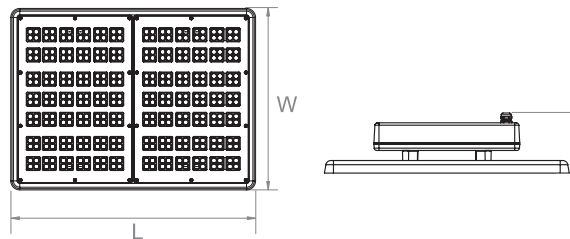
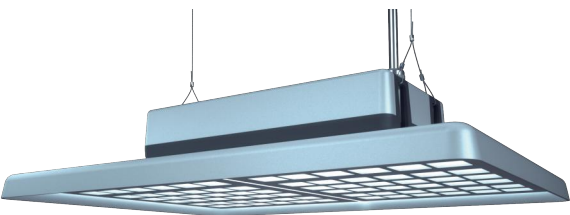
Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 4 kV differential mode and 6 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	130lm/w
Wattage	60W/100W/150W/200W/300W
Luminous Flux	7800/13000/19500/26000/39000LM
Dimension(L*W*H)	60W/100W---362*257*120mm 150W---415*310*120mm 200W---487*362*120mm 300W---720*365*130mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
UGR	<19-21
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK10 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric and Asymmetric
Photometric distributions	80°/110°/30x90°
Total harmonic distortion	<6% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 C

Mildbeam

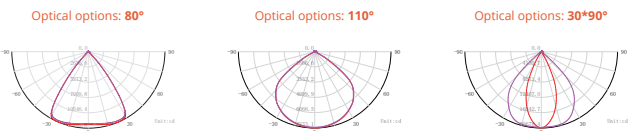


SILVAIR Bluetooth CASAMBI

Controls and Dimming

Function	1-10V, PWM, Triac dimming (for option) DALI-2 (for option)
Device	Sensor (for option)
Cables	3x1.0mm2, 0.8m length

Light distribution angle



General Information

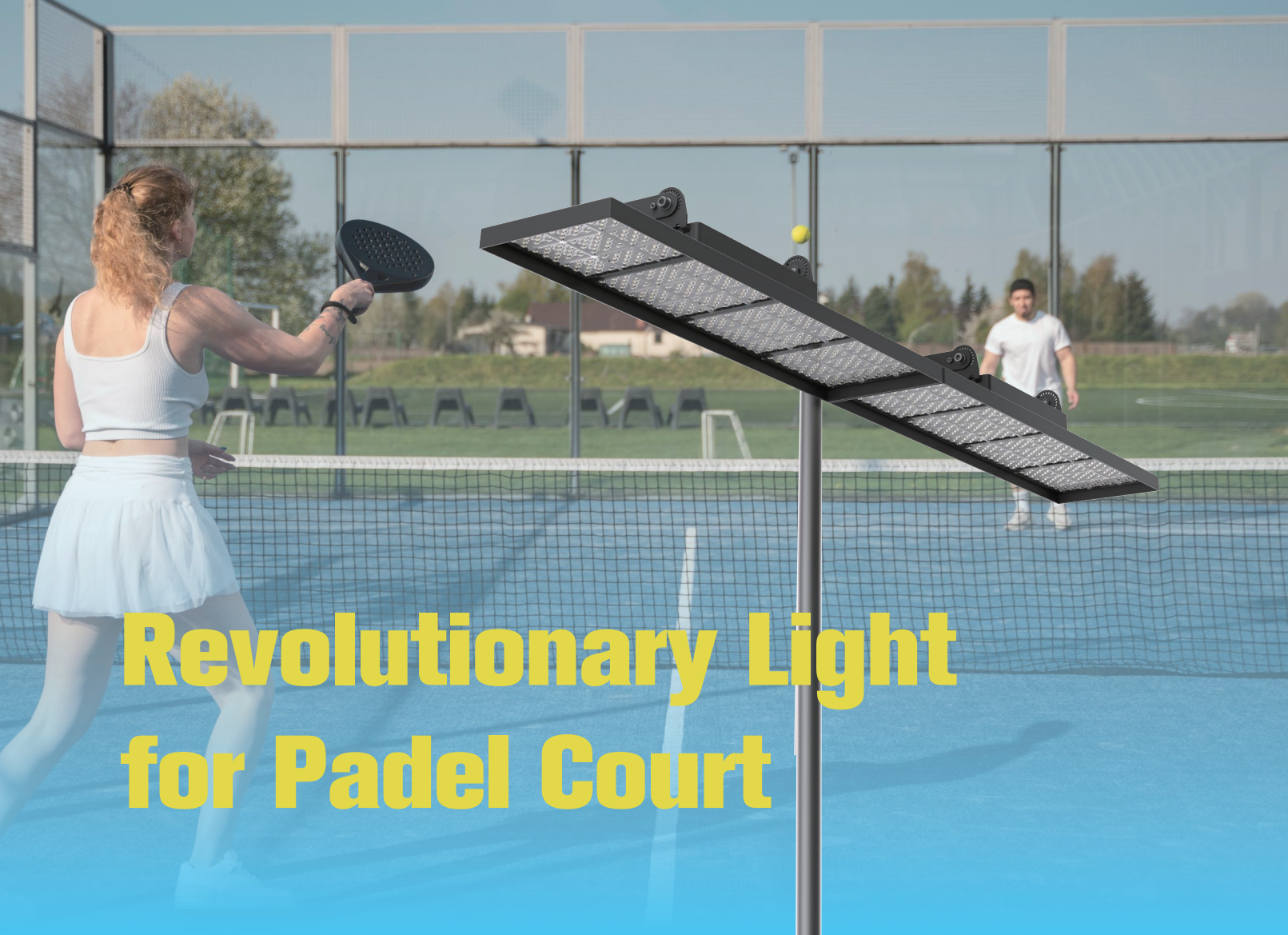
Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

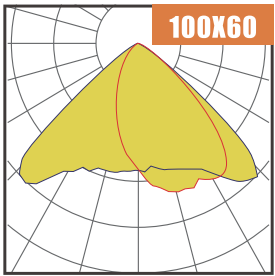
Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Light Technical

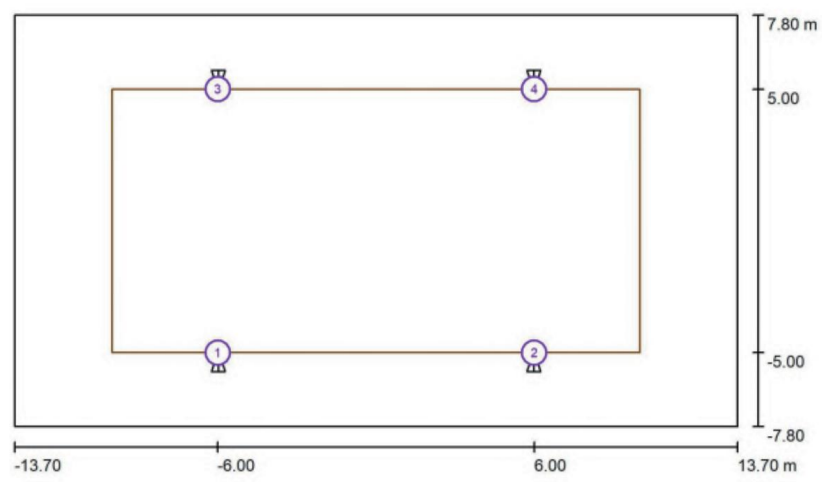
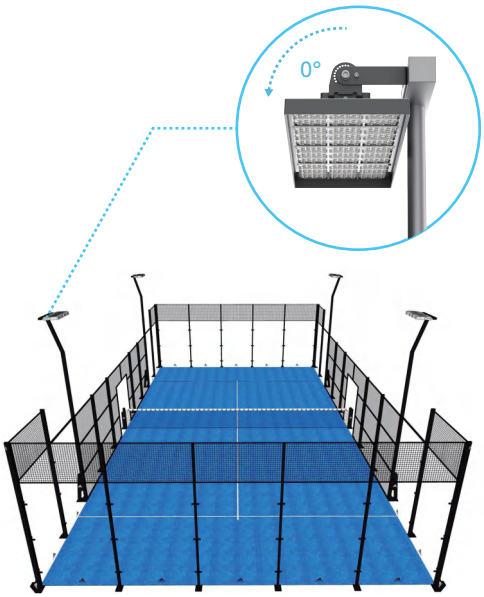
Luminous Efficacy (rated) (Nom)	160lm/w
Wattage	60W/100W/120W/150W/200W/300W/ 360W
Luminous Flux	9600/16000/19200/24000/32000/48000/ 54000LM
Dimension(L*W*H)	60W/100W---362*257*120mm 120W---415*310*120mm 150W/200W---487*362*120mm 300W/360W---720*365*130mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
UGR	<21-23
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK10 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric and Asymmetric
Photometric distributions	80°/110°/30x90°
Total harmonic distortion	<10% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 C



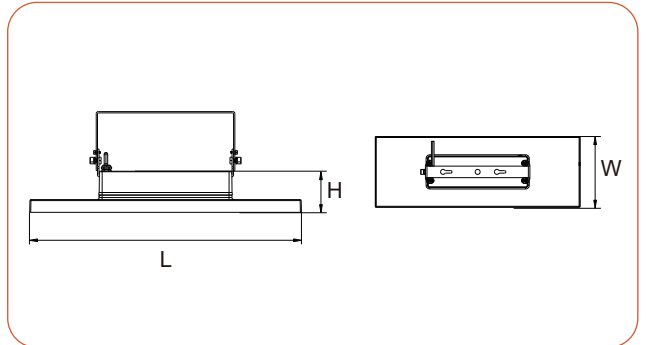
Revolutionary Light for Padel Court



ULR 0%
*totally ZERO upward light illuminance
increases 20%~40% LUX*



Revive

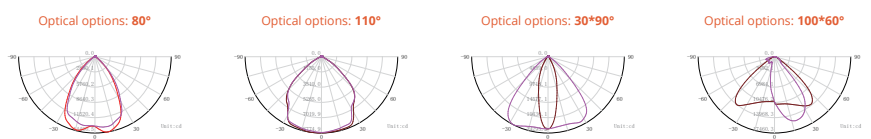


SILVAIR **Bluetooth** **CASAMBI**

Controls and Dimming

Function	1-10V, PWM, Triac dimming (for option) DALI-2 (for option)
Device	Sensor (for option)
Cables	3x1.0mm2, 0.8m length

Light distribution angle



General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Light Technical

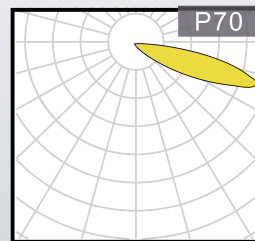
Luminous Efficacy (rated) (Nom)	160lm/w
Wattage	60W/100W/120W/150W/200W/240W
Luminous Flux	9600/16000/19200/24000/32000/38400LM
Dimension(L*W*H)	60W/100W/120W---357*184*100mm 150W---533*184*100mm 200W/240W---711*184*100mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
UGR	15~22 (depends on beam angle)
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric and Asymmetric
Photometric distributions	80°/110°/30°*90°/100°*60°
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 °C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 °C

anti-glaring



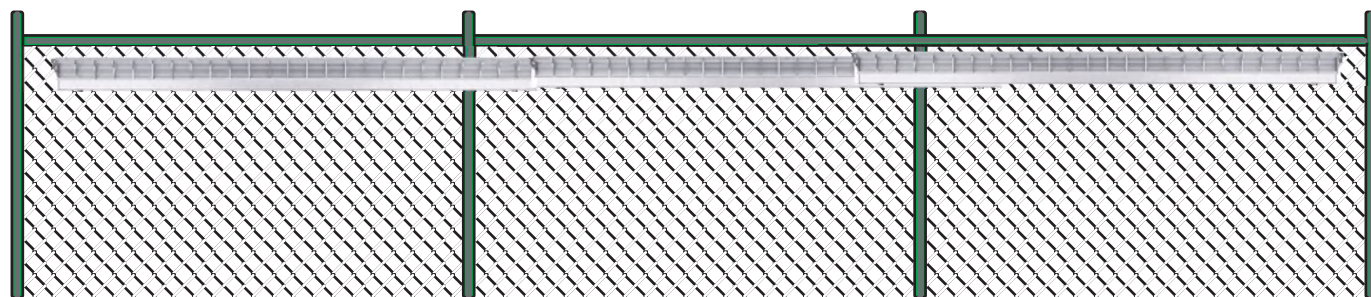
Linear G3

Linear G3 Tennis Court Light



Polarized light output from reflecting structure offers best uniformity and lux.

Easy Installation and maintenance
More savings on labor cost and material cost



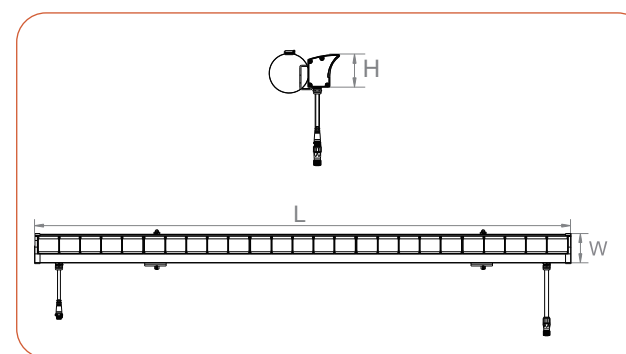
No need poles



No need machine



No need engineers



SILVAIR

Bluetooth

CASAMBI

Controls and Dimming

Functions	NA
Devices	NA
Cables	3*2.5mm ² cable with female connector, 0.2m length 3*2.5mm ² cable with male connector, 0.2m length

Light distribution angle

Optical options: P70



General Information

Light source engine type	LED
Driver included	Osram
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	220-240V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 1 kV differential mode and 2 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	150lm/w
Wattage	30W/43W/60W/80W
Luminous Flux	4500/6450/9000/12000LM
Dimension(L*W*H)	30W/43W/60W/80W---1516*117*83mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Asymmetric
Photometric distributions	P70
Total harmonic distortion	<15% (220Vac/50Hz, Full load, 25 °C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 °C



Best Light For Stadium

- Low Glare
- Low back light, low spill light
- Asymmetric optics
- Europe Design Patent

Better Lighting Solution For Sport Field

Professional high mast light is required more and more for applications of sport field as it influences players' performance and contributes to the proper arbitrage. Spectators should enjoy the match safely and without inconvenience caused by glare effects or an uneven light.

Our optical system has been designed to ensure high power but minimize glare. And visor system is used to avoid back light and spill light.



Tempered Glass

With IK08 protected tempered glass, our highmast light has better performance for outdoor usage.



Rotatable Visor

Asymmetric polarized optics and visor works together to minimize glare, back light, and spill light.



Laser Sight

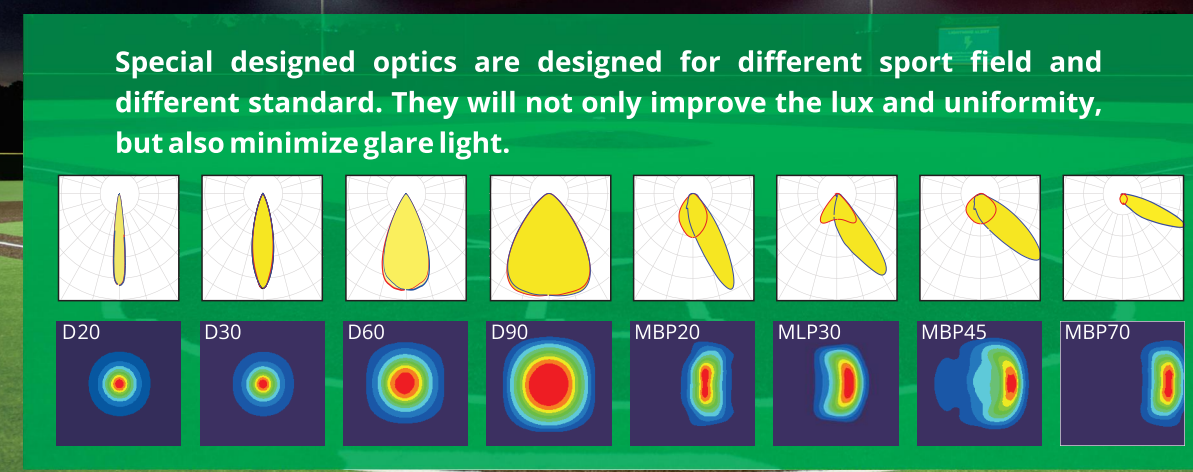
Easily adjust the direction of illumination to achieve maximum lux and uniformity.



Precise Angle Rotation

Bracket can be rotate precisely 5 degrees each scale.

Optics

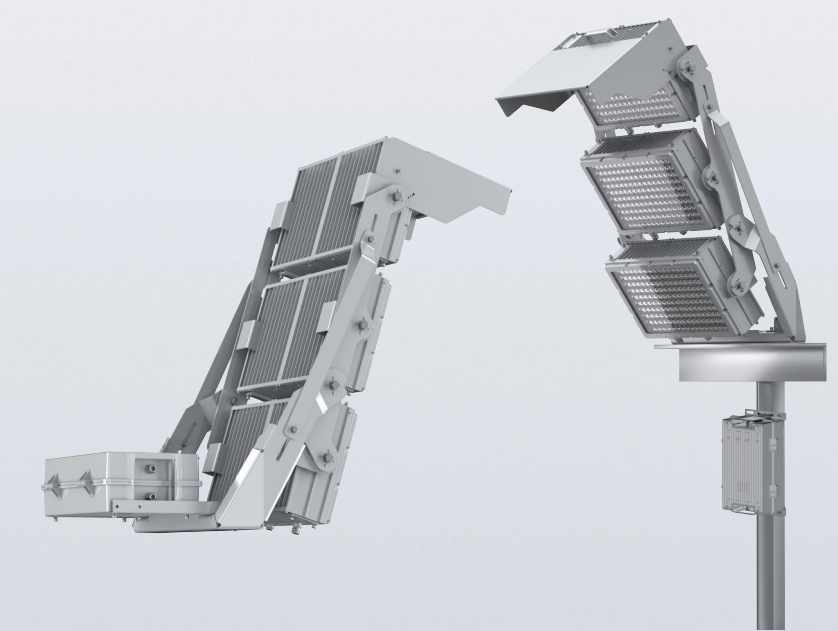


IP66 Waterproof
10/20kv Surge Protection
AkzoNobel coating, best corrosion proof

TVS protection

Transient Voltage Suppressor(TVS) with 1500w peak pulse capability at 10/1000us waveform is used to protecting LEDs from voltage transient induced by lightning.

Driver box can be fix on bracket or on pole in order to lower the weight of whole fixture and easy maintenance



Sniper



General Information

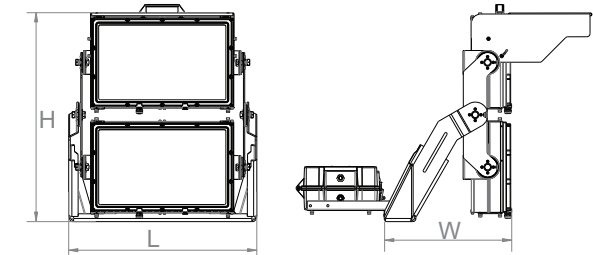
Light source engine type	LED
Driver included	Inventronic
Lifetime	L70B10 >144.000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	7 years

Operating and Electrical

Input Voltage / Frequency	180-528V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	160-170lm/w
Wattage	1200W/1500W/1800W
Luminous Flux	204000/240000/306000LM
Dimension(L*W*H)	1200W/1500W---402*593*659mm 1800W---402*593*987mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP66 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric and Asymmetric
Photometric distributions	20°/30°/60°/90°/MBP20/MLP30 / MBP45/MBP70 (1500W without P70/P20 angle)
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 C



SILVAIR

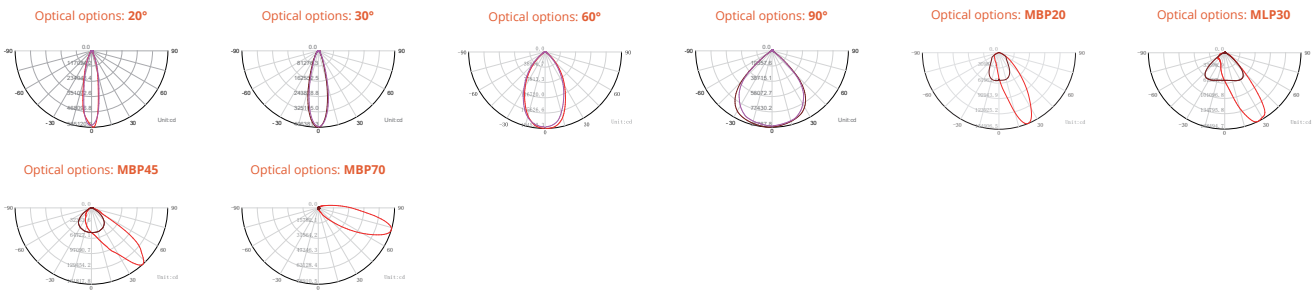
Bluetooth

CASAMBI

Controls and Dimming

Function	1-10V, PWM, Triac dimming (default) DALI+DMX (for option)
Cables	No AC

Light distribution angle



Sniper



General Information

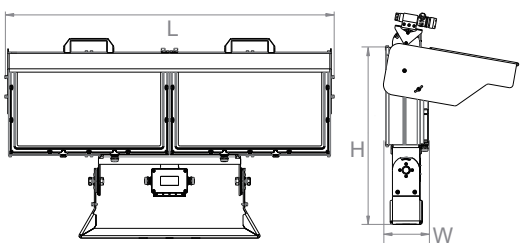
Light source engine type	LED
Driver included	Inventronic
Lifetime	L70B10 >144.000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	7 years

Operating and Electrical

Input Voltage / Frequency	180-528V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	160-170lm/w
Wattage	500W/600W/750W/1000W/1200W
Luminous Flux	85000/102000/120000/170000/ 204000LM
Dimension(L*W*H)	500W/600W/750W---470*127*520mm 1000W/1200W---920*127*558mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP66 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric and Asymmetric
Photometric distributions	20°/30°/60°/90°/MBP20/ MLP30 / MBP45 /MBP70 (750W without P70/P20 angle)
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 C



SILVAIR

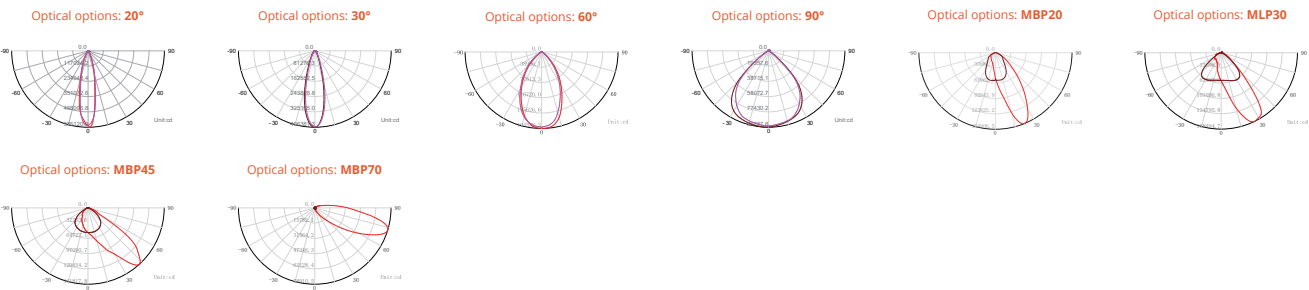
Bluetooth

CASAMBI

Controls and Dimming

Function	DALI-2 and D4i or 0/1-10V, PMW, Passive Resistance dimming
Cables	No AC

Light distribution angle



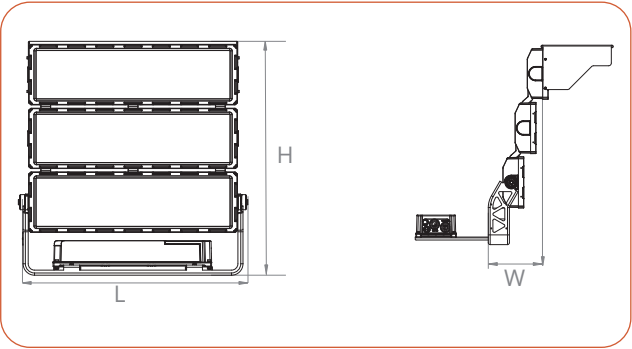


>>Lego<<

High Mast Light Modular Design

Super flexible to meet different wattage demand

Lego



SILVAIR

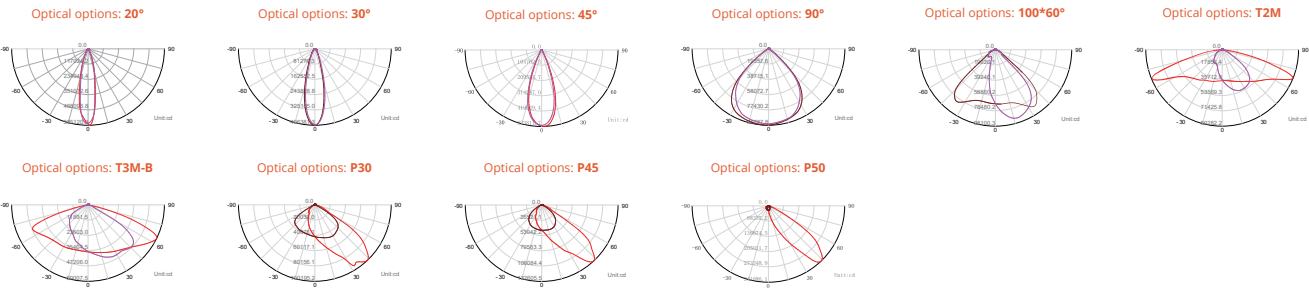
Bluetooth

CASAMBI

Controls and Dimming

Function	Dali or DMX (default)
Cables	No AC

Light distribution angle



General Information

Light source engine type	LED
Driver included	Moso
Lifetime	L70B10 >108.000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	198-440V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	170lm/w
Wattage	500W/1000W/1500W
Luminous Flux	85000/170000/255000LM
Dimension(L*W*H)	500W---723*131*335mm 1000W---723*176*536mm 1500W---723*221*737mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP66 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric and Asymmetric
Photometric distributions	20°/30°/45°/90°/100°60°/T2M/T3M-B / P30/P45/P50
Total harmonic distortion	<6% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 C

An aerial night photograph of a soccer field illuminated by several tall floodlights. The field is brightly lit, showing its green turf and white markings. The surrounding area is dark, with some trees and distant lights visible. A road with a few cars is visible in the lower left corner. The floodlights are positioned around the perimeter of the field, casting a strong glow over the entire area.

Flood Lighting

Quality Within Your Reach



Remote
Control

Better Lighting Solution For Area

Thanks to a robust aluminum housing with safety tempered glass cover , high quailty led and driver, our slim G3 LED Floodlight delivers high lumen efficacy up to 160~180LM/Wand long lifetime. Asymmetric optical distribution improves light effect.

This product is an ideal solution for most outdoor applications such as wall mounted around building facades, gardens, paths near to buildings, garages, entrance ways and drives.



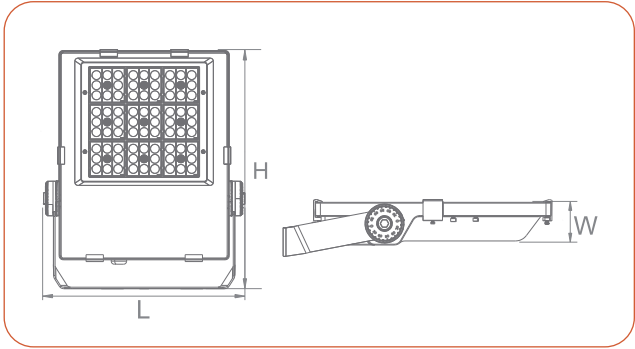
CCT options:1:2200K-3000K-4000K
CCT options:2:3000K-4000K-5000K
CCT options:3:4000K-5000K-6000K



Power option1:100%-80%-60%
Power option 2:100%-70%-50%



Slim G3



SILVAIR

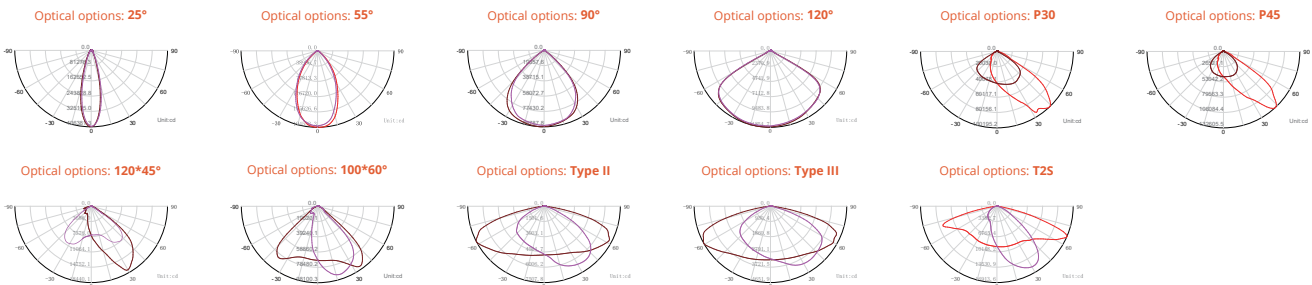
Bluetooth

CASAMBI

Controls and Dimming

Function	DALI-2 or 0/1-10V, PWM, Triac dimming (for option) Remote power & CCT adjustable (for option) DIP switch power adjustable (for option)
Cables	3x1.0mm2, 0.8m length

Light distribution angle



General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >108000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode(10KV/20KV SPD for option)

Light Technical

Luminous Efficacy (rated) (Nom)	160-180lm/w
Wattage	100W/150W/200W/240W/300W/400W
Luminous Flux	16000/25500/34000/40800/54000/68000LM
Dimension(L*W*H)	100W---288*57*254mm 150W---332*57*264mm 200W/240W---403*57*328mm 300W/400W---490*74*411mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP66 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric and Asymmetric
Photometric distributions	25°/55°/90°/120°/P30/P45/100x60°/120x45°/Type II/Type III/T25
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 C

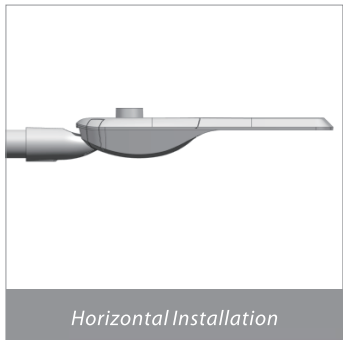


Street Lighting

Quality Within Your Reach



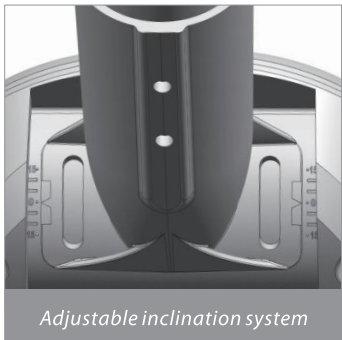
LED Street lights are proven to be the most efficient option for road lighting today and can help municipalities to achieve up ~ 50 to 70% in energy savings over conventional road lighting technologies such as mercury vapor, metal halide, and high-pressure/low-pressure sodium lamps. There are now more examples of LEDs being successfully adopted in pilot trials and large-scale rollouts, delivering greenhouse gas (GHG) reductions by as much as 50 to 70% and generating significant budgetary savings that can be re-invested in other public services such as education, healthcare, or infrastructure.



Horizontal Installation



Vertical Installation



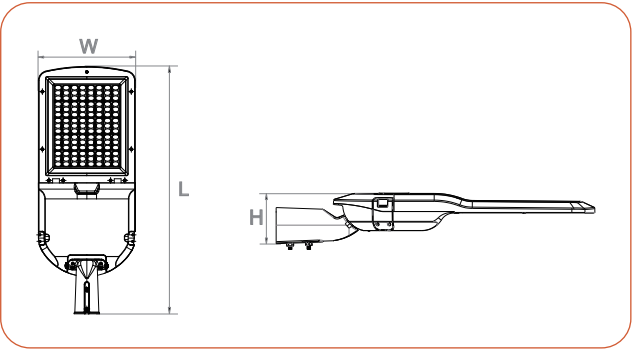
Adjustable inclination system



Tool-free open design
Easy to rewire and repair

Smooth back cover design
Anti-dust and bird droppings

Poseidon G3



SILVAIR

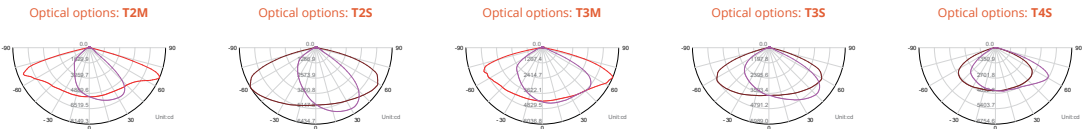
Bluetooth

CASAMBI

Controls and Dimming

Function	0/1-10V, PWM, Triac dimming (for option)
Devices	Electrical disconnecter (for option) Nema holder (for option)
Cables	3x1.0mm2 , 0.7m length

Light distribution angle



General Information

Light source engine type	LED
Driver included	Meanwell
Lifetime	L70B10 >108000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 4 kV differential mode and 6 kV common mode 10KV/20KV SPD (for option)

Light Technical

Luminous Efficacy (rated) (Nom)	180lm/w
Wattage	24W/40W/50W/60W/80W/100W/120W/ 150W/180W/200W/240W
Luminous Flux	4320/7200/9000/10800/14400/18000/ 21600/27000/32400/36000/43200LM
Dimension(L*W*H)	24W/40W/50W---493*174*108mm 60W/80W---562*200*108mm 100W/120W---607*240*108mm 150W/180W---680*260*108mm 200W/240W---766*300*108mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP66 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Asymmetric
Photometric distributions	T2M/T2S/T3M/T3S/T4S
Total harmonic distortion	<6% (220Vac/50Hz, Full load, 25 °C)
McAdam ellipse	≤5
Ambient temperature range	-40~+40 °C



Meta series Led Street Light

Street lighting is a core piece of urban and rural infrastructure. Lighting helps to create a safe environment for both pedestrians and drivers. Many streetlights around the world are now being updated to LED lighting, which uses less energy and is more reliable than traditional sodium lamps, significantly reducing the cost of keeping streets illuminated.

Designed from the ground up as a totally optimized LED street and area lighting system, our street light delivers incredible efficiency without sacrificing

Precise Angle Rotation

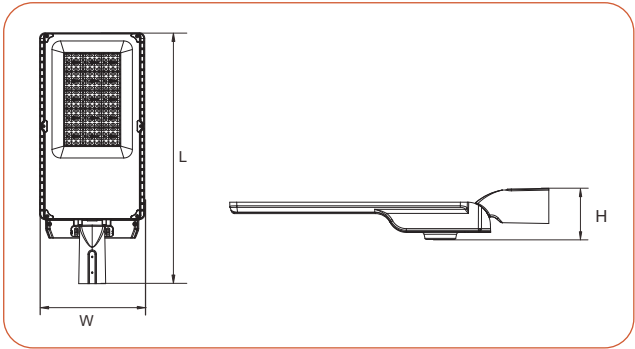


Horizontal Installation



Vertical Installation

Meta



SILVAIR

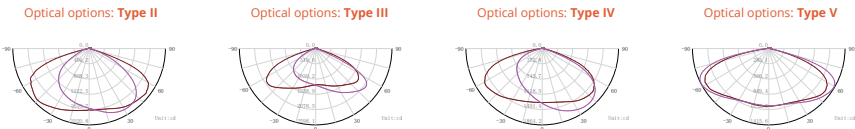
Bluetooth

CASAMBI

Controls and Dimming

Devices	0/1-10V, PWM, Triac dimming or Astro DIM(for option)
Cables	3x1.0mm ² , 0.7m length

Light distribution angle



General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

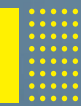
Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 10 kV common mode(10KV/20KV SPD for option)

Light Technical

Luminous Efficacy (rated) (Nom)	150-160lm/w
Wattage	24W/40W/50W/80W/100W/120W/150W/180W/200W
Luminous Flux	3840/6400/7500/12800/15000/18000/22500/27000/30000LM
Dimension(L*W*H)	24W/40W/50W---515*190*99mm 80W/100W---575*242*109mm 120W/150W---615*262*109mm 180W/200W---685*287*109mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP66 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Asymmetric
Photometric distributions	Type II/Type III/ Type IV/ Type V
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-40~+40 C

LED Pole Top Light

Hermoso



Die-cast Housing
With tempered glass
Surge Protection 6KV
With Anti-UV lens



170
LM/W



Smooth Surface
Eliminate the risk of dust and water accumulation



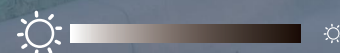
Streamlined design
minimize light loss



Remote
Control



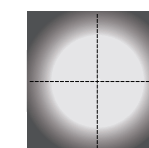
CCT options:1:2200K-3000K-4000K
CCT options:2:3000K-4000K-5000K
CCT options:3:4000K-5000K-6000K



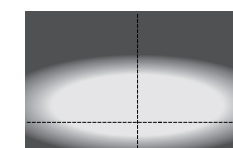
Power option1:100%-80%-60%
Power option 2:100%-70%-50%



The symmetric light distribution is ideal for illuminating squares, plazas and other open areas while the asymmetric light distribution is ideal for illuminating streets and pathways.



Symmetric



Asymmetric



Hermoso



General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 10 kV common mode(10KV/20KV SPD for option)

Hermoso

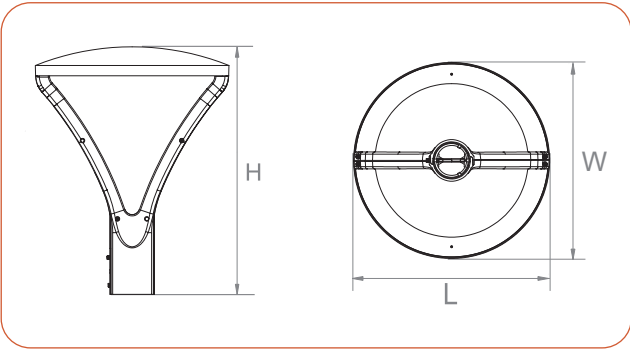


General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode(10KV/20KV SPD for option)

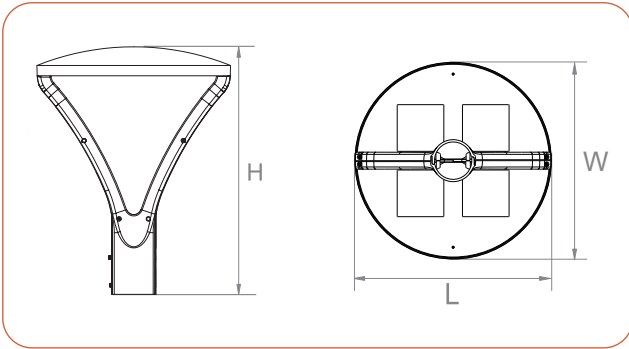


Controls and Dimming

Devices	DALI-2 or 0/1-10V, PWM, Triac dimming (for option)
Cables	3x1.0mm2

Light Technical

Luminous Efficacy (rated) (Nom)	150~170lm/w
Wattage	30W/40W/60W/90W
Luminous Flux	5100/6800/9600/13500LM
Dimension(L*W*H)	30W/40W/60W/90W---422*422*539mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP66 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/6000K/6500K
Optical cover type	Symmetric
Photometric distributions	90°
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25℃)
McAdam ellipse	≤5
Ambient temperature range	-40~+45℃



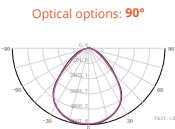
Controls and Dimming

Devices	DALI-2 or 0/1-10V, PWM, Triac dimming (for option)
Cables	3x1.0mm2

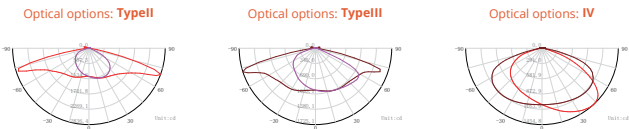
Light Technical

Luminous Efficacy (rated) (Nom)	150~170lm/w
Wattage	30W/40W/60W/90W
Luminous Flux	5100/6800/9600/13500LM
Dimension(L*W*H)	30W/40W/60W/90W---422*422*539mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP66 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Asymmetric
Photometric distributions	Typell /Typelll / TypelV
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25℃)
McAdam ellipse	≤5
Ambient temperature range	-40~+45℃

Light distribution angle



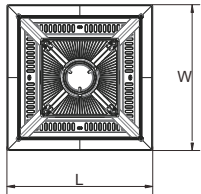
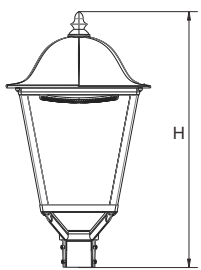
Light distribution angle



LED Pole Top Light



Avarta



SILVAIR

Bluetooth

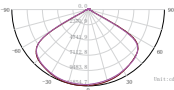
CASAMBI

Controls and Dimming

Function	DALI-2 or 0/1-10V, PWM, Triac dimming (for option)
Cables	3x1.0mm2

Light distribution angle

Optical options: 120°



General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >108000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 10 kV common mode(10KV/20KV SPD for option)

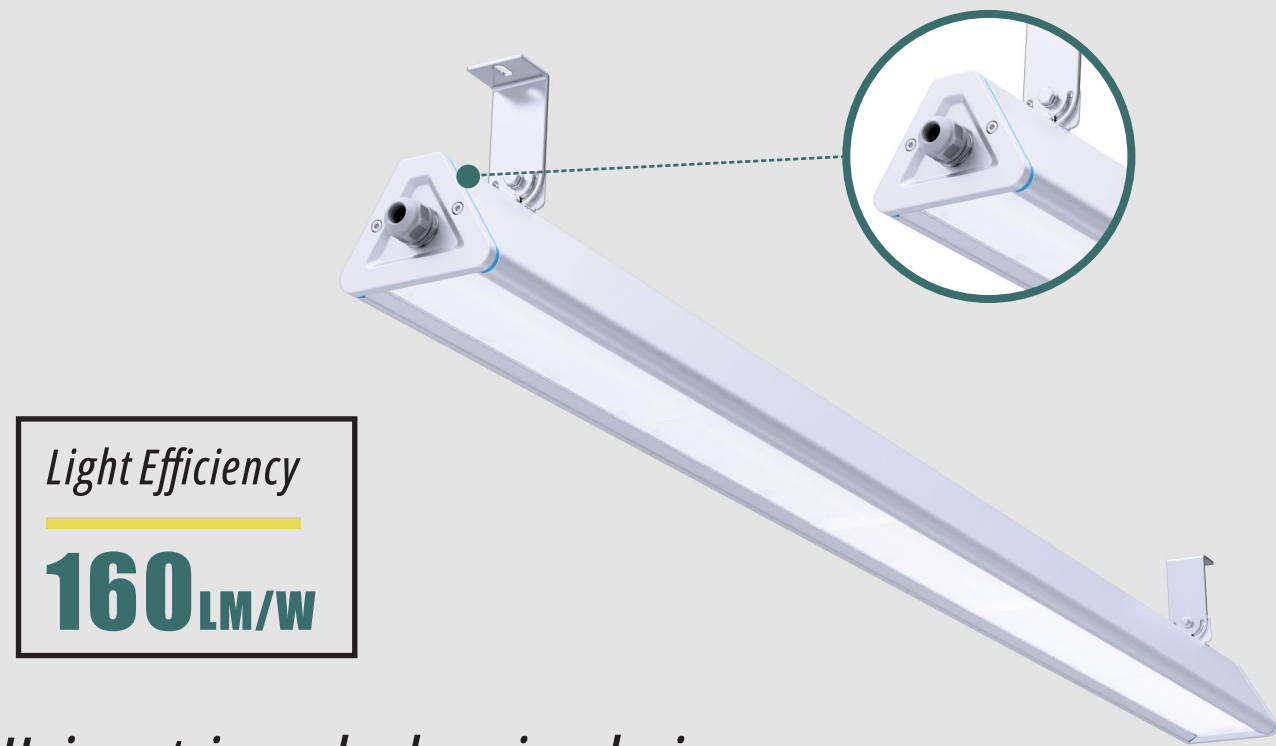
Light Technical

Luminous Efficacy (rated) (Nom)	140lm/w
Wattage	30W/40W/60W/90W
Luminous Flux	4200/5600/8400/12600LM
Dimension(L*W*H)	30W/40W/60W/90W---400*400*701mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric
Photometric distributions	120°
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 °C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 °C



High Bay Lighting

Quality Within Your Reach



Light Efficiency

160_{LM/W}

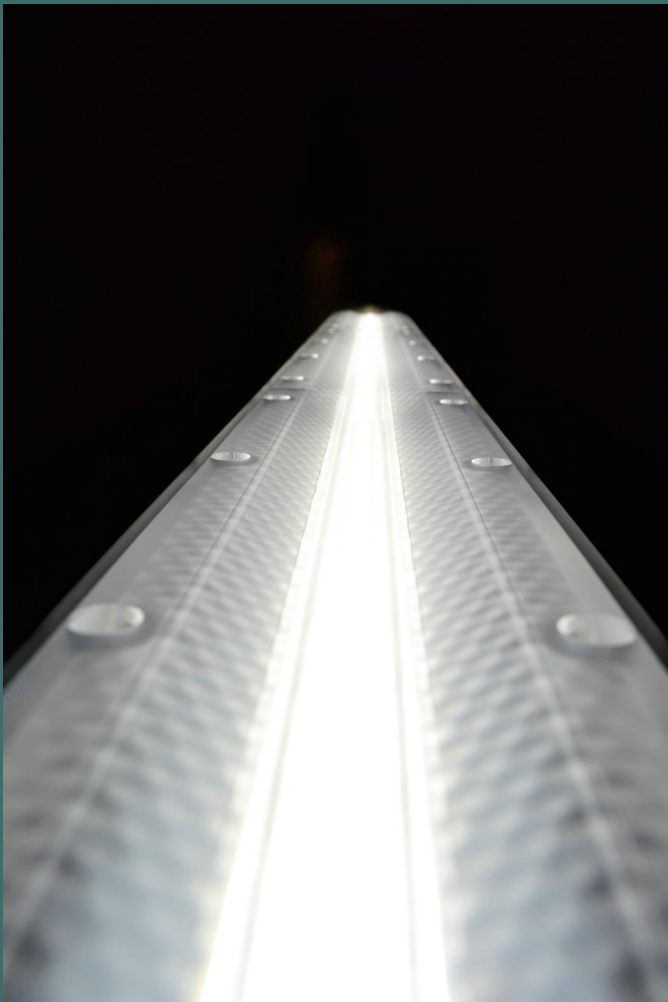
Unique triangular housing design

Smooth surface, no *dust* and no *water accumulation*

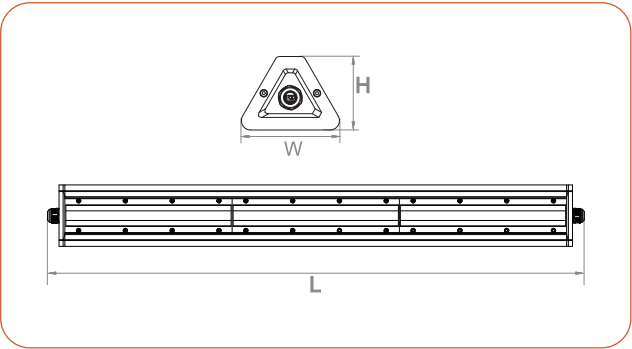


Aesthetics of Lighting

Our strip mining lamp adopts a special lens and PCB design to achieve the unique linear luminous effect. This not only increases the aesthetics of lighting, enhances the effect of light distribution, but also reduces glare



Hemera



SILVAIR

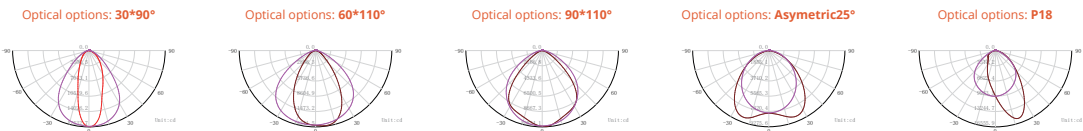
Bluetooth

CASAMBI

Controls and Dimming

Function	1-10V, PWM, Triac dimming (default) DALI-2 (for option)
Device	Sensor (for option)
Cables	Wire through: 3x2.5mm2 wire through (for option) 5x2.5mm2 wire through (for option)

Light distribution angle



General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	160lm/w
Wattage	100W/150W/200W/240W
Luminous Flux	16000/24000/32000/38400LM
Dimension(L*W*H)	100W---592*106*79mm 150W---892*106*79mm 200W---1192*106*79mm 240W---1492*106*79mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP66 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Asymmetric
Photometric distributions	30°x90°/60°x110°/90°x110°/asymetric 25°/P18
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 °C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 °C



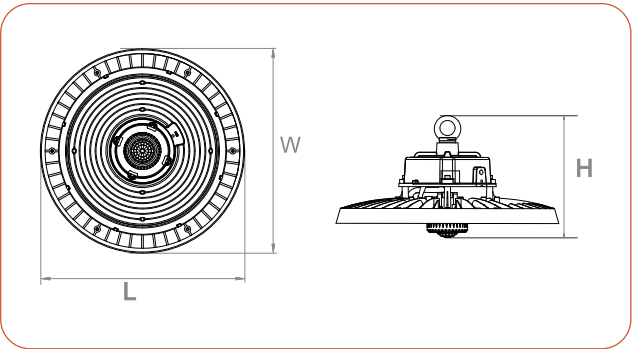
UFO High bay light

Eternity Series

220lm/w

With the plug-in sensor and different function options such as PIR sensor, micro-wave sensor, daylight sensor, Tuya with Zhaga base, etc, our Eternity series UFO is the ideal solution to lower inventory, faster stock turnover, cost saver, and more options for end users. It not only lowers the purchasing cost but also, increases customers' competitive advantage.

Eternity



SILVAIR

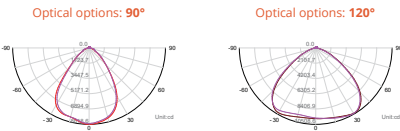
Bluetooth

CASAMBI

Controls and Dimming

Function	1-10V, PWM, Triac dimming (default) DIP switch power adjustable (for option)
Device	NA
Cables	3x1.0mm2, 1m length

Light distribution angle



General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

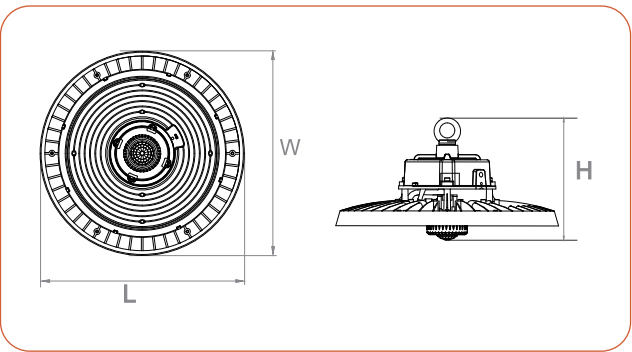
Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	220lm/w
Wattage	80W/100W/120W/150W/200W/240W
Luminous Flux	17600/22000/26400/33000/44000/52800LM
Dimension(L*W*H)	80W/100W/120W---298*298*145mm 150W/200W/240W---362*362*145mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric
Photometric distributions	90°/120°
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25℃)
McAdam ellipse	≤5
Ambient temperature range	-40~+45℃

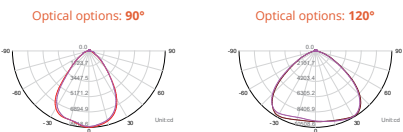
Eternity



Controls and Dimming

Function	1-10V, PWM, Triac dimming (default) DIP switch power adjustable (for option)
Device	NA
Cables	3x1.0mm2, 1m length

Light distribution angle



General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

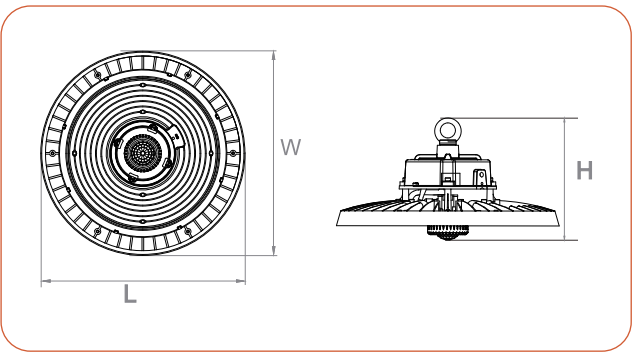
Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	200lm/w
Wattage	80W/100W/120W/150W/200W/240W
Luminous Flux	16000/20000/24000/30000/40000/48000LM
Dimension(L*W*H)	80W/100W/120W---298*298*145mm 150W/200W/240W---362*362*145mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric
Photometric distributions	90°/120°
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 C

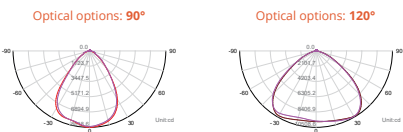
Eternity



Controls and Dimming

Power adjustable	100W power range: 100W-80W-60W 150W power range: 150W-120W-80W 200W power range: 200W-150W-100W 240W power range: 240W-200W-150W
CCT adjustable	5000K-4000K-3000K
Function	1-10V, PWM, Triac dimming (default) DIP switch power & cct adjustable (default)
Device	NA
Cables	3x1.0mm2, 0.3m length

Light distribution angle



General Information

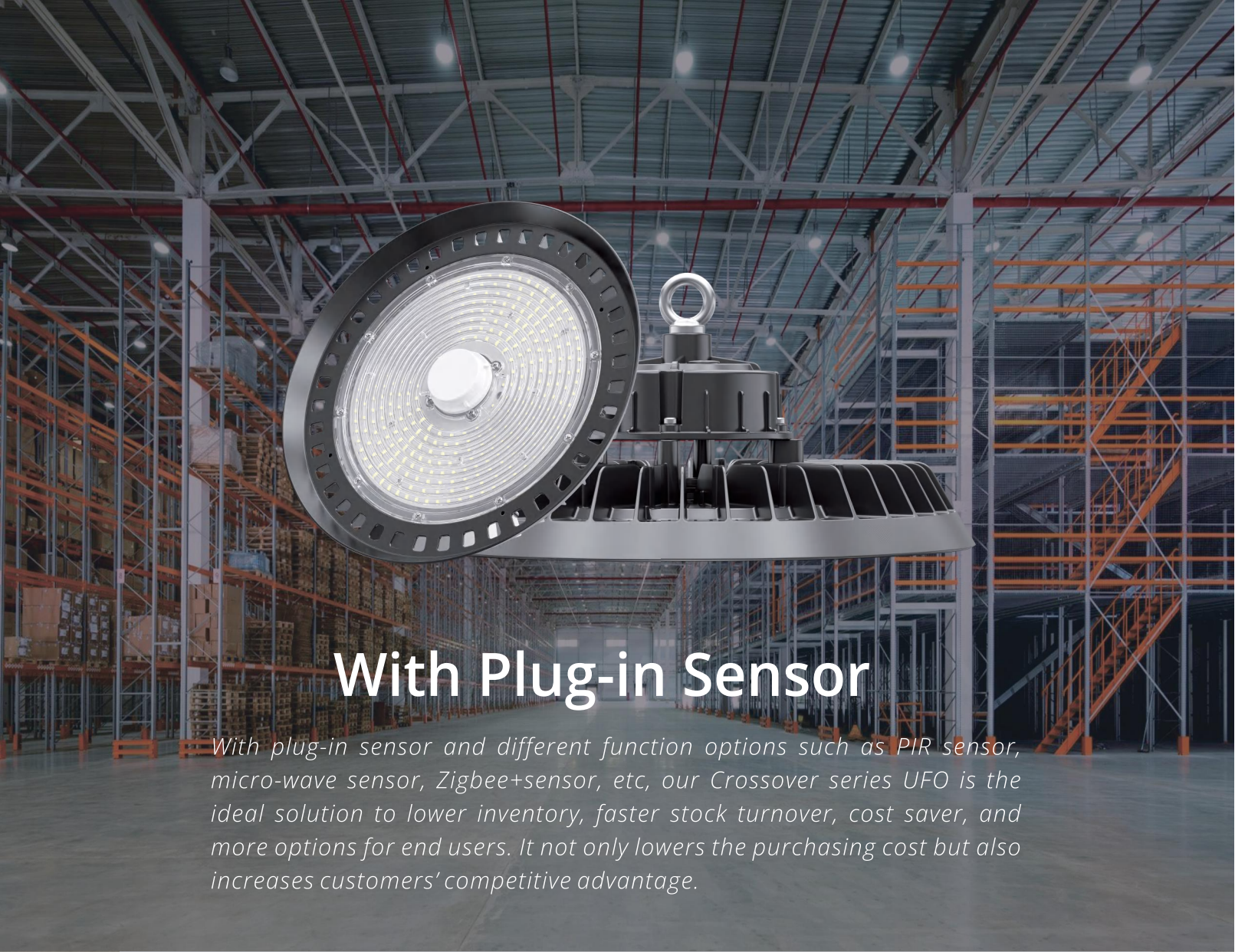
Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	180-190lm/w
Wattage	100W/150W/200W/240W
Luminous Flux	100W { 100W 4000K:180LM/W 18000LM 60W 4000K:190LM/W 11400LM 150W { 150W 4000K:180LM/W 27000LM 80W 4000K:190LM/W 15200LM 200W { 200W 4000K:180LM/W 36000LM 100W 4000K:190LM/W 19000LM 240W { 240W 4000K:180LM/W 43200LM 150W 4000K:190LM/W 28500LM
Dimension(L*W*H)	80W/100W/120W---298*298*145mm 150W/200W/240W---362*362*145mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric
Photometric distributions	90°/120°
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 C



With Plug-in Sensor

With plug-in sensor and different function options such as PIR sensor, micro-wave sensor, Zigbee+sensor, etc, our Crossover series UFO is the ideal solution to lower inventory, faster stock turnover, cost saver, and more options for end users. It not only lowers the purchasing cost but also increases customers' competitive advantage.



Easy = Money saving
To compare with the sensor highbay and Zigbee control in the market, our light is more easy to use, more flexible, and easy installation. This not only lowers the label cost, but also makes marketing more easier and provides more options for end users.



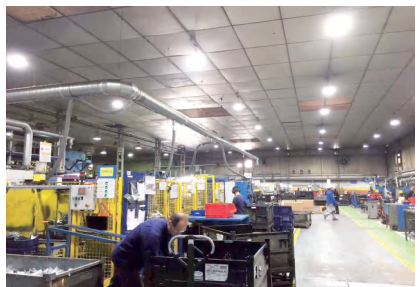
Project: HEINEKEN
Location: Ireland
Light used: 220pcs 150w



Before

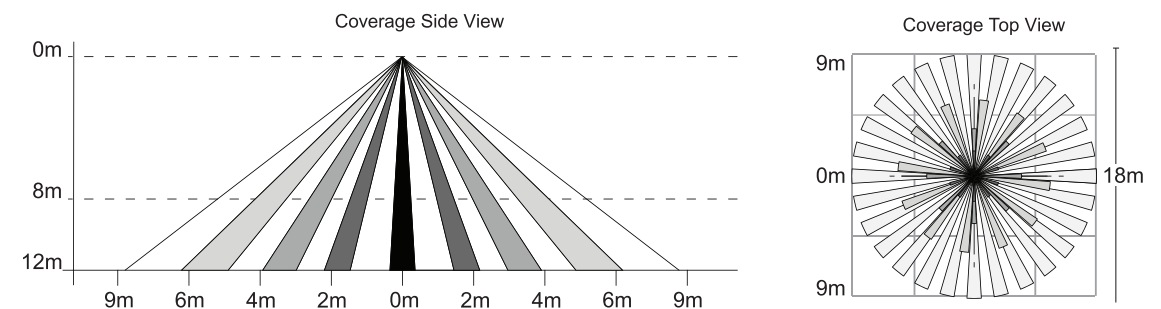


After

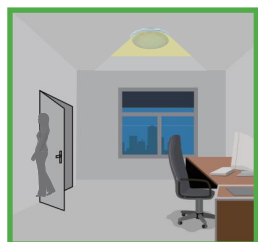


Sensor

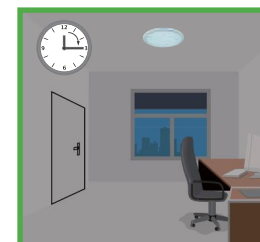
Detection



Daylight Harvesting Function



The light dims to stand-by period after hold-time and stays on selected minimum dimming level.



The light switches off completely after the stand-by period.

Setting on this demonstration:
BRIGHTNESS:100%
SENSITIVITY:100%
HOLD TIME:30MIN
STAND BY DIM: 30%
STAND BY TIME: 1MIN



When the natural light is sufficient or dark, movement is detected and the light will turn on 100% brightness.



The light turns on at full or dims to maintain the lux level. The light output regulates according to the level of natural light available.

More Energy Saving

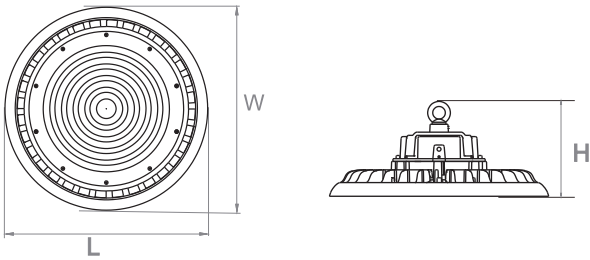
More energy-saving lighting products are strongly required day by day. Customers pay more attention to the cost savings in the long term run. Not only higher brightness is a key, but also smart control will save more energy automatically. Our Plug-in sensor UFO is the ideal solution to meet customers' needs. It will save half the energy than other competitors, and also the plug-in sensor option will save 40%-60% of energy.



Crossover series VS OTHERS

Comparison	Ours	Others
Power	150w	200w
Brightness	22500lm	24000lm
Consumption per month (6H/D, 20D/M)	18.0 kwh	24 kwh
Constant illuminance saving (day light and micro-wave sensor)	40%-60%	non
Electric charge	0.305\$/kwh	0.305\$/kwh
Device used	100pcs	100pcs
Electric charge per month	\$329.40	\$732.00
Electric charge in 5 years	\$19,764.00	\$43,920.00

Crossover



SILVAIR

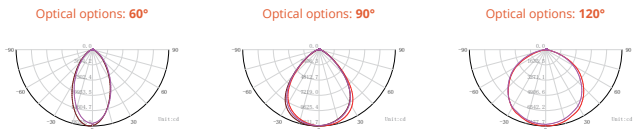
Bluetooth

CASAMBI

Controls and Dimming

Function	Sensor dimming (default) DIP switch power dimming (for option)
Device	Plug-in sensor
Cables	3x1.0mm2, 1m length

Light distribution angle



General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

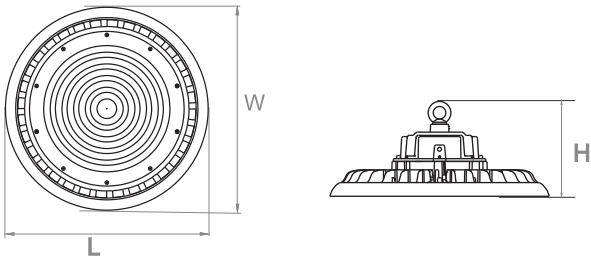
Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	150lm/w
Wattage	100W/150W/200W
Luminous Flux	15000/22500/30000LM
Dimension(L*W*H)	100W/150W---308*308*181mm 200W---354*354*183mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric
Photometric distributions	60°/90°/120°
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 °C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 °C

Crossover



SILVAIR

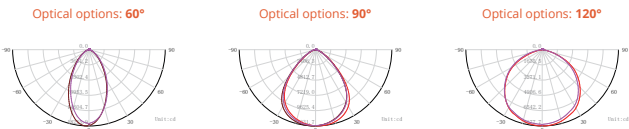
Bluetooth

CASAMBI

Controls and Dimming

Function	1-10V, PWM, Triac dimming (default) DIP switch power adjustable (for option) DALI-2 (for option)
Device	No
Cables	3x1.0mm2, 1m length

Light distribution angle



General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

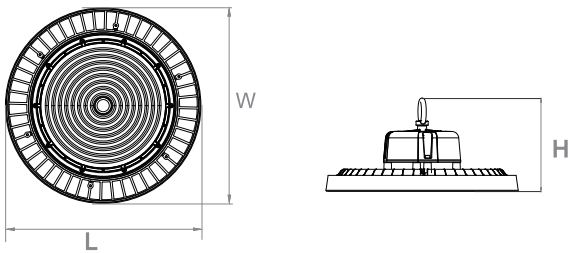
Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	150lm/w
Wattage	100W/150W/200W
Luminous Flux	15000/22500/30000LM
Dimension(L*W*H)	100W---258*258*139mm 150W---299*299*139mm 200W---347*347*142mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric
Photometric distributions	60°/90°/120°
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 °C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 °C

Fairyland

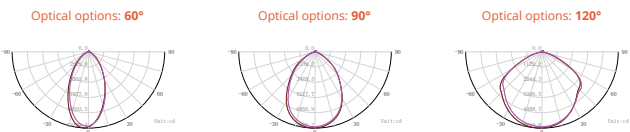


SILVAIR Bluetooth CASAMBI

Controls and Dimming

Power adjustable	100W range: 100W-80W-60W (default) 150W range: 150W-120W-80W (default) 200W range: 200W-150W-100W (default) 240W range: 240W-200W-150W (default) 300W range: 300W-220W-180W (for option)
Function	1-10V, PWM, Triac dimming (default)
Devices	NA
Cables	3x1.0mm2, 0.3m length

Light distribution angle



General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

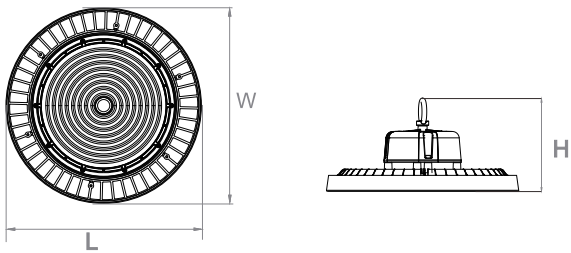
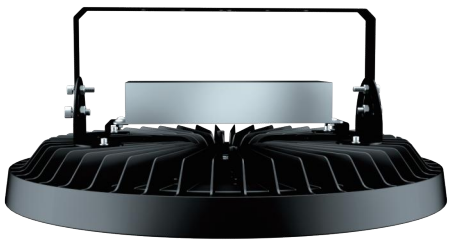
Operating and Electrical

Input Voltage / Frequency	100-277V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	150-170lm/w
Wattage	100W/150W/200W/240W/300W
Luminous Flux	15000/22500/30000/36000/51000LM
Dimension(L*W*H)	100W---238*238*105mm 150W---255*255*162mm 200W---300*300*176mm 240W---365*365*176mm 300W---405*405*171mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric
Photometric distributions	60°/90°/120° (100W small shell without 60°)
Total harmonic distortion	<10% (220Vac/50Hz, Full load, 25℃)
McAdam ellipse	≤5
Ambient temperature range	-40~+40℃

Fairyland

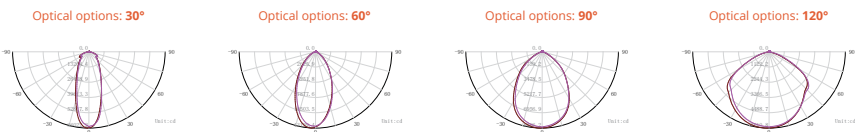


SILVAIR Bluetooth CASAMBI

Controls and Dimming

Function	1-10V, PWM, Triac dimming (default)
Devices	NA
Cables	3x1.0mm2, 0.3m length

Light distribution angle



General Information

Light source engine type	LED
Driver included	Sosen
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	180-305V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	160lm/w
Wattage	500W
Luminous Flux	80000LM
Dimension(L*W*H)	500W---500*500*190mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric
Photometric distributions	30°/60°/90°/120°
Total harmonic distortion	<7% (220Vac/50Hz, Full load, 25℃)
McAdam ellipse	≤5
Ambient temperature range	-40~+40℃



Waterproof Linear Light

Quality Within Your Reach

Linkable in Series

Linkable
Linkable in series. Loading capacity is up to 14400w

Lock Lock



General Information

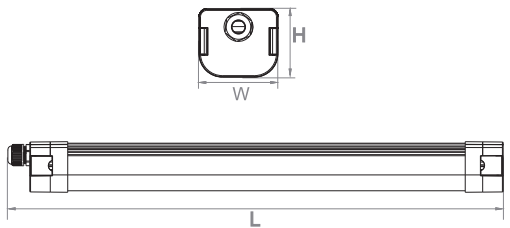
Light source engine type	LED
Driver included	Philips
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	220-240V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 1 kV differential mode and 2 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	170lm/w
Wattage	20W/40W/60W
Luminous Flux	3400/6800/10200LM
Dimension(L*W*H)	20W---659*74*64mm 40W---1221*74*64mm 60W---1502*74*64mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/6000K/6500K
Optical cover type	Symmetric
Photometric distributions	120°
Total harmonic distortion	<15% (220Vac/50Hz, Full load, 25℃)
McAdam ellipse	≤5
Ambient temperature range	-20~+45℃



SILVAIR

Bluetooth

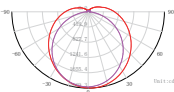
CASAMBI

Controls and Dimming

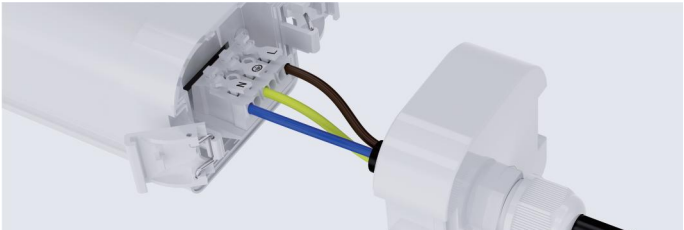
Function	DALI (for option)
Wire through	3x1.5mm ² wire through (default) 5x1.5mm ² wire through (for option) 3x2.5mm ² wire through (for option) 5x2.5mm ² wire through (for option)
Power Adjustable	0.6M (12W-14W-17W-20W), 1.2M (23W-28W-34W-40W), 1.5M (33W-40W-50W-60W)
CCT Adjustable	3000K--4000K--5000K. @5000K 170lm/w, @4000K 170lm/w, @3000K 160lm/w
Device	NA
Cables	NA

Light distribution angle

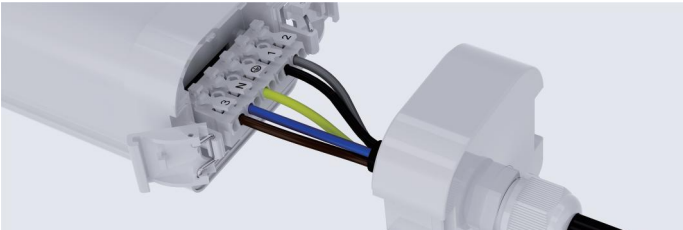
Optical options: 120°



With Terminal Inside

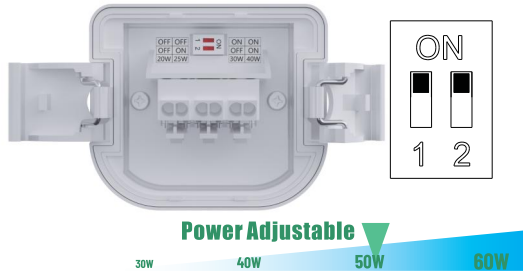


3-core Terminal

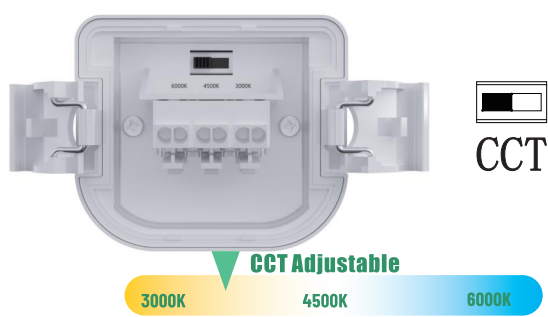


5-core Terminal

With DIP Switch



Power Adjustable

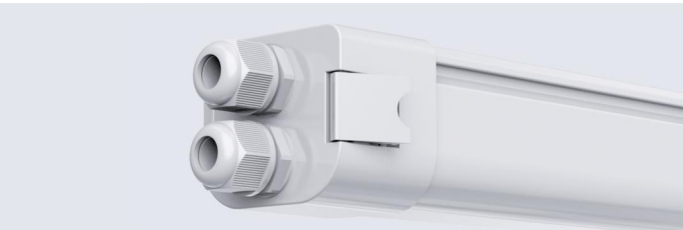


CCT Adjustable

With Terminal Inside

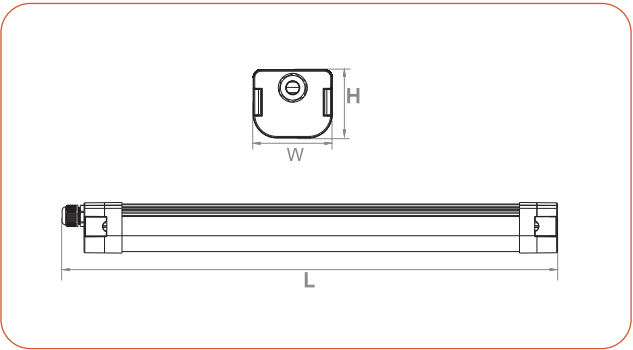


One Connector



Two Connectors

Lock Lock

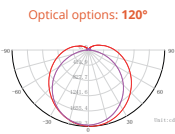


SILVAIR Bluetooth CASAMBI

Controls and Dimming

Function	DALI (for option) DIP switch CCT adjustable (for option): 3000K--4000K--5000K
Wire through	3x1.5mm2 wire through (default) 5x1.5mm2 wire through (for option) 3x2.5mm2 wire through (for option) 5x2.5mm2wire through (for option)
Device	NA
Cables	NA

Light distribution angle



General Information

Light source engine type	LED
Driver included	Tridonic
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

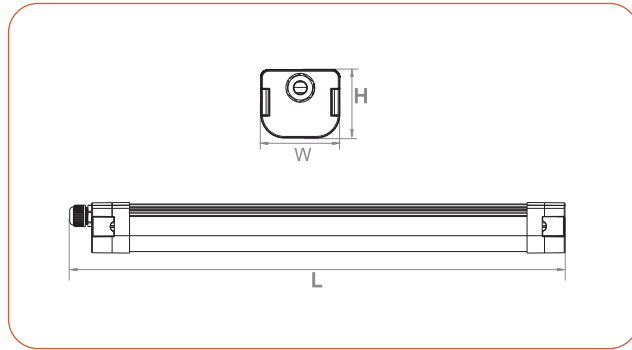
Operating and Electrical

Input Voltage / Frequency	220-240V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 1 kV differential mode and 2 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	140lm/w
Wattage	20W/30W/40W/45W/60W
Luminous Flux	2800/4200/5600/6300/8400LM
Dimension(L*W*H)	20W---659*74*64mm 30W/40W---1221*74*64mm 45W/60W---1502*74*64mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/6000K/6500K
Optical cover type	Symmetric
Photometric distributions	120°
Total harmonic distortion	<15% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-20~+45 C

Lock Lock

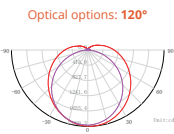


SILVAIR Bluetooth CASAMBI

Controls and Dimming

Function	DALI (for option) DIP switch power adjustable (for option): 0.6M (10W-14W-17W-20W) 1.2M (20W-25W-30W-40W) 1.5M (30W-40W-50W-60W) DIP switch CCT adjustable (for option): 3000K--4000K--5000K
Wire through	3x1.5mmm2 wire through (default) 5x1.5mmm2 wire through (for option) 3x2.5mmm2 wire through (for option) 5x2.5mm² wire through (for option)
Device	NA
Cables	NA

Light distribution angle



General Information

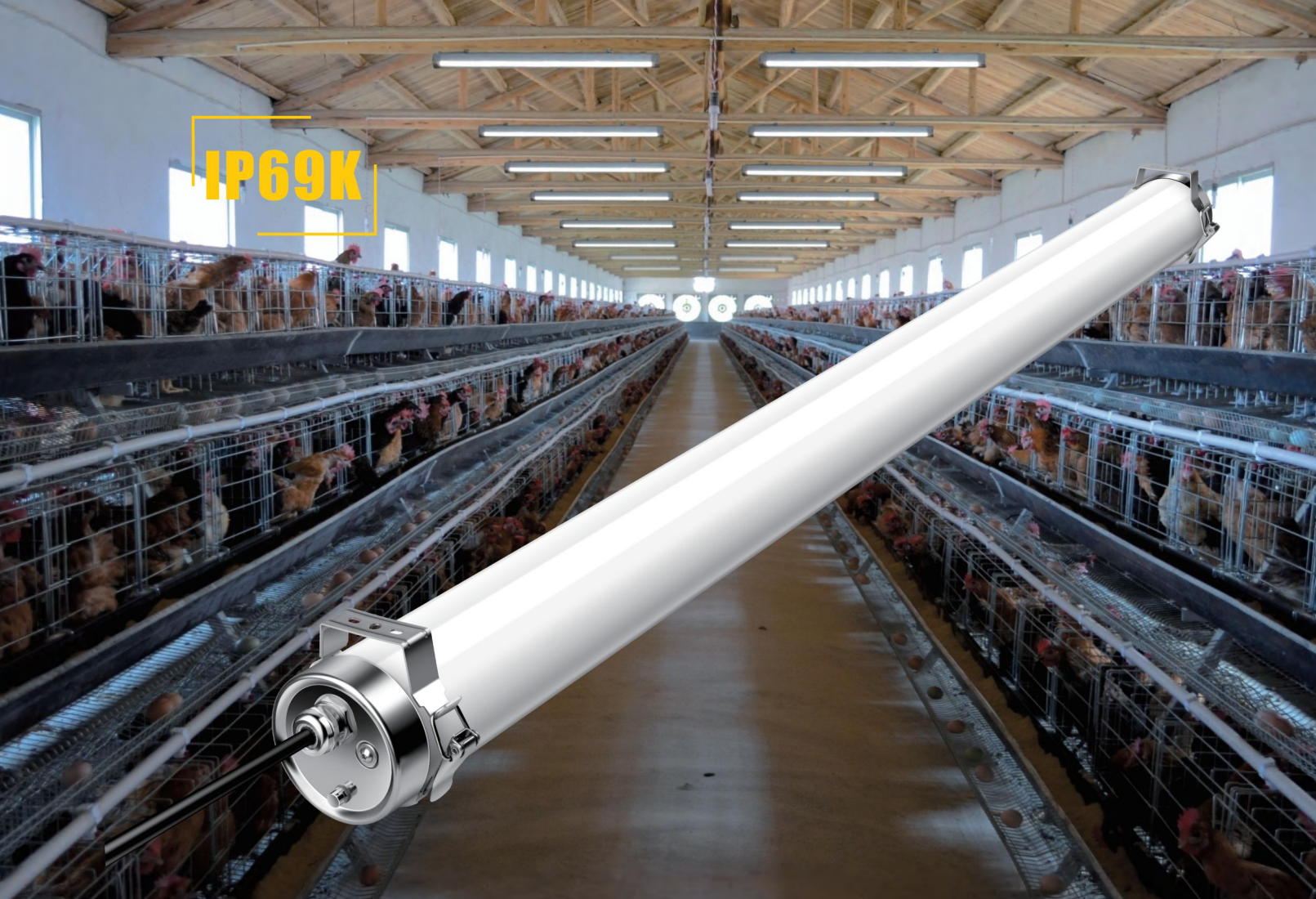
Light source engine type	LED
Driver included	Osram
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	220-240V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 1 kV differential mode and 2 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	140lm/w
Wattage	20W/40W/60W
Luminous Flux	2800/5600/8400LM
Dimension(L*W*H)	20W---659*74*64mm 40W---1221*74*64mm 60W---1502*74*64mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP65 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/6000K/6500K
Optical cover type	Symmetric
Photometric distributions	120°
Total harmonic distortion	<15% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-20~+45 C



IP69K



IP69K

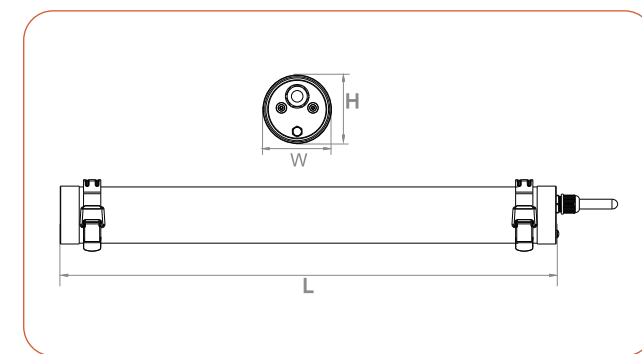
IP69K is the highest level of this protection and is designed for applications where water jets are under high pressure and high temperature are used for specific wash-downs.



Corrosion
Proof

Due to the risk of corrosion by contact with the alkaline environments created in the humid atmosphere, PMMA material housing and stainless steel end cap are used to provide better corrosion proof, waterproof, and lifetime. This will also include special sensitization and chemical cleaning. In some instances, the cleaning process involves very intensive requirements for industries such as Food & Beverage as well as the vehicle industry.

Triumph



SILVAIR

Bluetooth

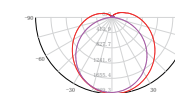
CASAMBI

Controls and Dimming

Functions	DALI (for option)
Devices	NA
Cables	3x1.0mm ² , 0.8m length

Light distribution angle

Optical options: 120°



General Information

Light source engine type	LED
Driver included	Tridonic
Lifetime	L70B10 >102000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	220-240V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 1 kV differential mode and 2 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	150lm/w
Wattage	20W/40W/60W
Luminous Flux	3000/6000/9000LM
Dimension(L*W*H)	20W---600*81*81mm 40W---1200*81*81mm 60W---1500*81*81mm
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP69K (EN IEC 60598-1)
Protection against impacts	IK10 (IEC 62262)
Color rendering index (CRI)	>80
LED colour temperature	3000K/4000K/5000K/6000K/6500K
Optical cover type	Symmetric
Photometric distributions	120°
Total harmonic distortion	<15% (220Vac/50Hz, Full load, 25 °C)
McAdam ellipse	≤5
Ambient temperature range	-20~+45 °C