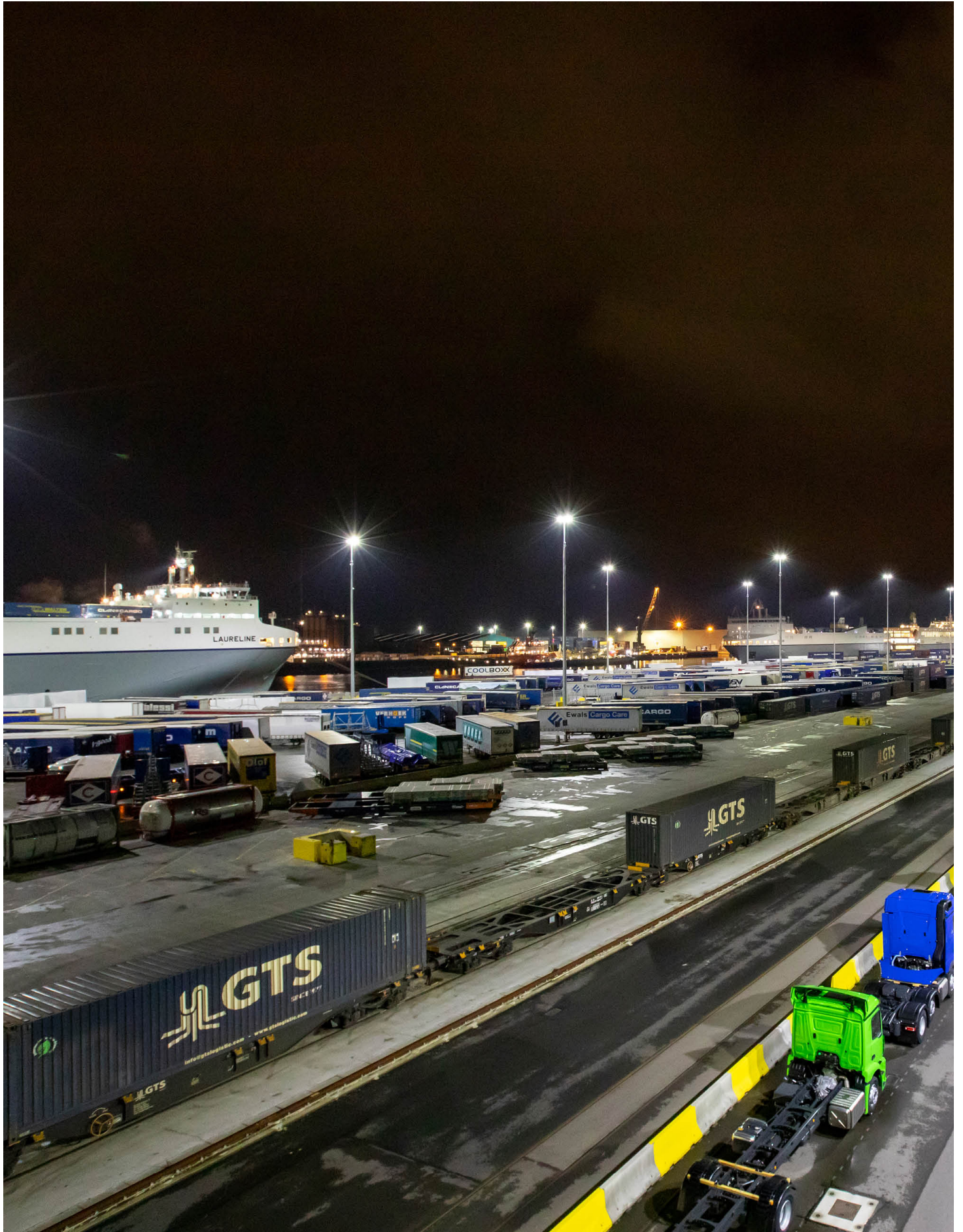


Serie 177

Highpower industrial floodlight for lighting large outdoor spaces in demanding environments

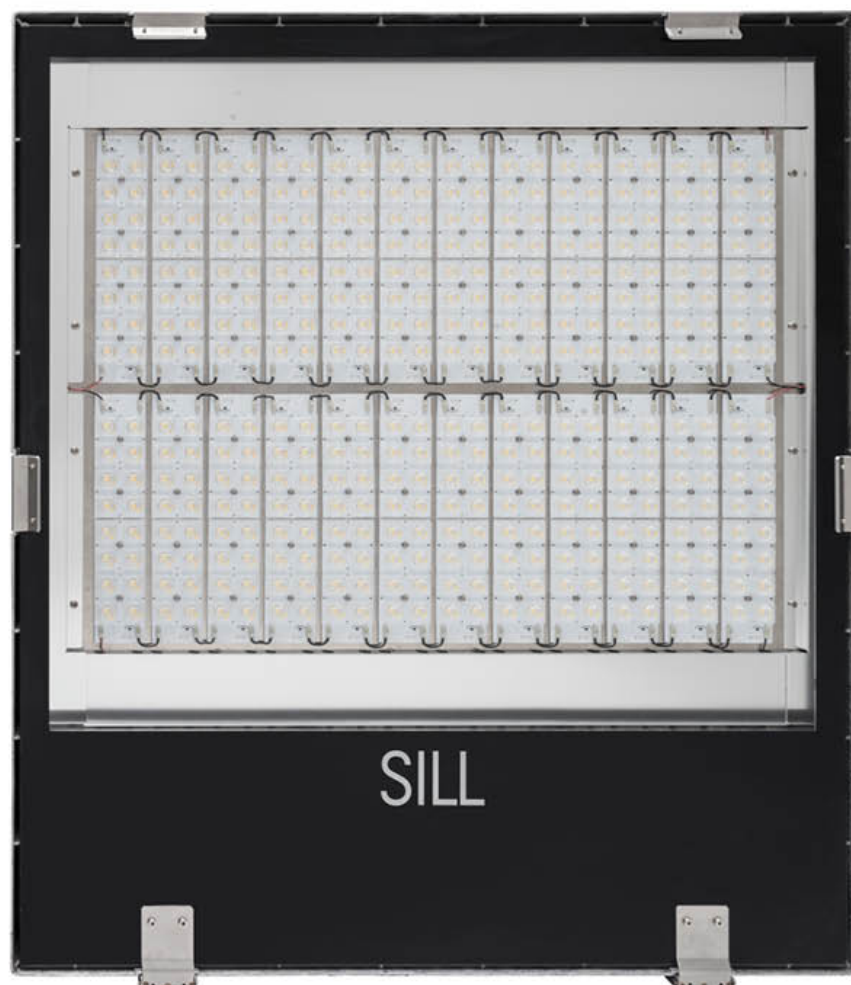
SILL



Serie 177

Highpower industrial floodlight for lighting large outdoor spaces in demanding environments

SILL



Providing long-lasting lighting for large spaces, over long distances, requires specialist input! Thanks to high-performance LED modules and precision beams, the Series 177 can offer powerful lighting - up to 150,000 lm - with uniform cover. When people's safety is at risk, ensuring reliable equipment is a non-negotiable feature, which is why the one-piece IP65-rated housing contains reinforced industrial electronics, providing long-term lighting in the highest-risk outdoor spaces.

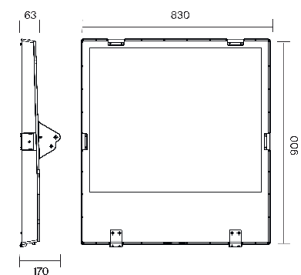




Serie 177

Highpower industrial floodlight for lighting large outdoor spaces in demanding environments

SILL






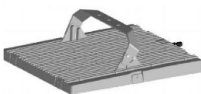


3000K warm white version, ideal for outdoor lighting
CRI70, 3000K, 100 000 h L90B10 @25°C.

Watt	Beam angle	Flux (lm)**	T max	Designation	Code
450	Asymmetric deep - lmax 67°	56800	55°C	177 50-70k 730 D AS125-67 AL	1775450WW70D
	Very Wide Beam 100°	61000		177 50-70k 730 D VWB100 AL	177F450WW70D
	Wide Beam 65°	61900		177 50-70k 730 D WB65 AL	1774450WW70D
600	Asymmetric deep - lmax 67°	71400	45°C	177 60-85k 730 D AS125-67 AL	1775600WW70D
	Very Wide Beam 100°	76600		177 60-85k 730 D VWB100 AL	177F600WW70D
	Wide Beam 65°	77800		177 60-85k 730 D WB65 AL	1774600WW70D
750	Asymmetric deep - lmax 67°	87600	40°C	177 75-105k 730 D AS125-67 AL	1775750WW70D
	Very Wide Beam 100°	94000		177 75-105k 730 D VWB100 AL	177F750WW70D
	Wide Beam 65°	95400		177 75-105k 730 D WB65 AL	1774750WW70D
965	Asymmetric deep - lmax 67°	110900		177 95-130k 730 D AS125-67 BK	1775965WW70D
	Very Wide Beam 100°	119000		177 95-130k 730 D VWB100 BK	177F965WW70D
	Wide Beam 65°	120800		177 95-130k 730 D WB65 BK	1774965WW70D

Light output. These references are ideal for the conversion of conventional 400W and 1000W sodium or metal halide floodlights while reducing the number of points installed. *965W version: optimal heat dissipation thanks to the surfaces painted black and the fins which increase the surface of the heat exchanger.

Accessories

To be ordered separately

					
Ceiling mounting bracket	Traverse mounting bracket	Wall bracket			
Pivoting bracket -20°/+20°	817700200	Pivoting bracket 0°/+40°	817700300	Pivoting bracket	817700400



Serie 177

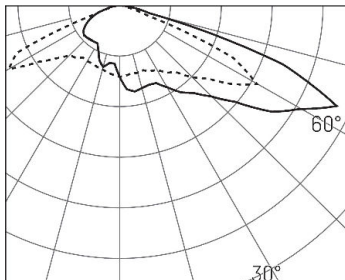
Highpower industrial floodlight for lighting large outdoor spaces in demanding environments

SILL

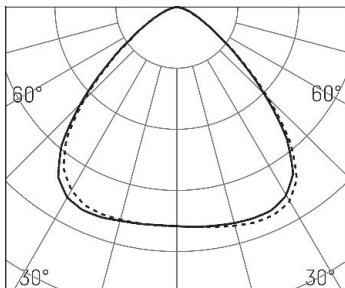
Specification



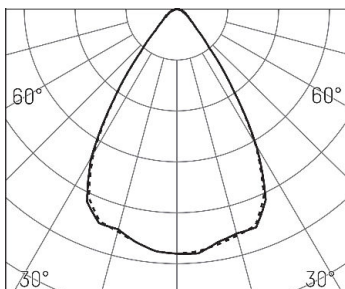
Photometry



Long-range asymmetric optics (AS125-67)



Very Wide Beam 100° (VWB100)



Wide flood 65° (WB65)

For other beams requests, please contact us

Technical characteristics

Light source	High-efficiency LED module 3000K (also available in 2700K, 4000K, 5700K) CRI > 70 (also available in CRI > 80) SDCM < 3 100 000 h L90/B10 at 25°C 50 000 h L80/B10 at max. operating temperature
Optics	High-performance lenses for ultra-uniform lighting ULR : 0 %
Lighting comfort	WB65 version : UGR ≤ 22 VWB100 version ; 450 to 600W : UGR ≤ 25 VWB100 version ; 675 to 750W : UGR ≤ 28
Heat management	Automatic light regulation in case of overheating 965W version: optimal heat dissipation thanks to the surfaces painted black and the fins which increase the surface of the heat exchanger.
Control gear	Integrated special industry electronic drivers, DALI-addressable, flicker free 450W : 2 addresses 600W : 3 addresses 750W : 4 addresses 965W : 5 addresses Supports voltage spikes up to 8kV (except 450W : 10kV)
Supply voltage	220-240V 0/50/60Hz
Electrical class	Class I
Operating temperature	450W : -40°C to +55°C 600W : -40°C to +45°C 750W : -40°C to +40°C 965W : -40°C to +40°C

Easy intallation and maintenance

Connection	Provided with a Wieland® connector 5x2.5 mm ² (capacity : Ø6-10mm)
Mounting	Wall, ceiling and traverse holder (Necessary accessory to be ordered separately)
Maintenance	Easily removable LED modules and driver Low cleaning effort thanks to smooth housing surface without cooling fins (except 965W version)
Weight	450W : 37,2kg / 600W : 37,9kg / 750W : 38,9kg / 965W : 43,6kg
Wind-attack-area	0,75m ²

Materials

Protective cover	Tempered safety glass
Body	Very high mechanical, chemical and corrosion resistances High pressure die cast aluminium one piece housing (AlSi12, with low copper rate) Unpainted aluminium

Standards

Compliance	Manufactured according to DIN VDE 0711 / EN 60598, CE
Waterproofness	IP65
Resistance to IK shocks	IK06 (except 965W version : IK10)