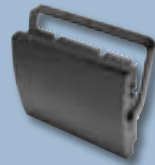


CCTV Illumination from Bosch

Quick Selection Guide



BOSCH
Invented for life



AEGIS SuperLED IR

Coming Soon

AEGIS SuperLED White Light



AEGIS UFLED IR



AEGIS UFLED White Light

Key features

- ▶ Intelligently designed for high reliability, long life and low cost of ownership
- ▶ Black Diamond technology directs light to the foreground & background of the camera's field of view for evenly illuminated, high quality night-time image capture
- ▶ Constant Light automatically controls & adjusts light output to compensate for LED degradation & temperature fluctuations for uncompromising night-time surveillance
- ▶ Energy efficient, low voltage operation enables easy installation & allows AEGIS to be powered via a range of power supplies
- ▶ Lowers bit rate & storage of IP systems under low light conditions
- ▶ Enables the optimum night-time performance of analogue & megapixel cameras, IP & video analytics
- ▶ 850nm semi-covert & 940nm covert infrared versions for zero light pollution
- ▶ AEGIS white light enables accurate camera colour rendition at night & can be used with a trigger to deter criminal activities

AEGIS SuperLED IR	AEGIS SuperLED White Light	AEGIS UFLED IR	AEGIS UFLED White Light
Order codes			
SLED10-8BD, 10°, 850nm, 320m	SLED10-WBD, 10°, 85m	UFLED10-8BD, 10°, 850nm, 220m	UFLED10-WBD, 10°, 60m
SLED20-8BD, 20°, 850nm, 200m	SLED20-WBD, 20°, 55m	UFLED20-8BD, 20°, 850nm, 150m	UFLED20-WBD, 20°, 40m
SLED30-8BD, 30°, 850nm, 160m	SLED30-WBD, 30°, 50m	UFLED30-8BD, 30°, 850nm, 110m	UFLED30-WBD, 30°, 35m
SLED60-8BD, 60°, 850nm, 110m	SLED60-WBD, 60°, 35m	UFLED60-8BD, 60°, 850nm, 70m	UFLED60-WBD, 60°, 25m
SLED95-8BD, 95°, 850nm, 85m	SLED95-WBD, 95°, 25m	UFLED95-8BD, 95°, 850nm, 50m	UFLED95-WBD, 95°, 20m
SLED120-8BD, 120°, 850nm, 55m	SLED120-WBD, 120°, 20m	UFLED120-8BD, 120°, 850nm, 35m	UFLED120-WBD, 120°, 15m
SLED10-9BD, 10°, 940nm, 180m		UFLED10-9BD, 10°, 940nm, 135m	
SLED20-9BD, 20°, 940nm, 190m		UFLED20-9BD, 20°, 940nm, 80m	
SLED30-9BD, 30°, 940nm, 95m		UFLED30-9BD, 30°, 940nm, 65m	
SLED60-9BD, 60°, 940nm, 65m		UFLED60-9BD, 60°, 940nm, 40m	
SLED95-9BD, 95°, 940nm, 45m		UFLED95-9BD, 95°, 940nm, 30m	
SLED120-9BD, 120°, 940nm, 30m		UFLED120-9BD, 120°, 940nm, 20m	

CCTV Illumination from Bosch

Quick Selection Guide



BOSCH
Invented for life

AEGIS SuperLED IR		AEGIS SuperLED White Light		AEGIS UFLED IR		AEGIS UFLED White Light			
Description									
LEDs		High efficiency Surface Mount LED array with current limited integral power circuit							
Wavelength options		850nm or 940nm		Visible white light		850nm or 940nm		Visible white light	
Max illumination range*		850nm		320m (1050ft)		220m (720ft)			
		940nm		190m (625ft)		135m (440ft)			
white light				85m (195ft)		60m (195ft)			
Beam angles		10°, 20°, 30°, 60°, 95°, 120°		10°, 20°, 30°, 60°, 95°, 120°		10°, 20°, 30°, 60°, 95°, 120°		10°, 20°, 30°, 60°, 95°, 120°	
Typical operational life		5 year performance guarantee		5 year performance guarantee		5 year performance guarantee		5 year performance guarantee	
Construction									
Material		Robust anodized aluminium housing with acrylic facia		Robust anodized aluminium housing with acrylic facia		Robust anodized aluminium housing with acrylic facia		Robust anodized aluminium housing with acrylic facia	
Colour		Black with black front facia		White with clear front facia		Black with black front facia		White with clear front facia	
Dimensions		305 x 240 x 110mm (12 x 9.5 x 4.5")		305 x 240 x 110mm (12 x 9.5 x 4.5")		152 x 188 x 115mm (6.0 x 7.4 x 4.5")		152 x 188 x 115mm (6.0 x 7.4 x 4.5")	
Weight		3.8Kg (8.4lbs)		3.8Kg (8.4lbs)		1.4Kg (3.1lbs)		1.4Kg (3.1lbs)	
Power									
Power input		12-24 VDC or 24 VAC, 50 / 60 Hz		12-24 VDC or 24 VAC, 50 / 60 Hz		12-24 VDC or 24 VAC +30%		12-24 VDC or 24 VAC +30%	
Power consumption **		50 – 90W max		50 – 90W max		26 – 45W max		26 – 45W max	
Environmental									
Weatherproofing		IP67 / NEMA 4		IP67 / NEMA 4		IP67 / NEMA 4		IP67 / NEMA 4	
Operational temperature		-40°C to +50°C (-40F to +122°F)		-40°C to +50°C (-40F to +122°F)		-40°C to +50°C (-40F to +122°F)		-40°C to +50°C (-40°F to +122°F)	
Accessories									
Recommended PSU		UPE-0224100-905 (100W) UPE-0224150-905 (150W)		UPE-0224100-905 (100W) UPE-0224150-905 (150W)		UPE-022460-905 (60W) UPE-0224150-905 (150W)		UPE-022460-905 (60W) UPE-0224150-905 (150W)	
Bracket		Wall mount u-bracket supplied as standard		Wall mount u-bracket supplied as standard		Wall mount u-bracket supplied as standard		Wall mount u-bracket supplied as standard	
Cable		Supplied with 4m (13ft) of connecting lead		Supplied with 4m (13ft) of connecting lead		Supplied with 5m (16.5ft) of connecting lead		Supplied with 5m (16.5ft) of connecting lead	
Typical applications									
		Perimeter surveillance, utilities, ports & harbours, border control, airports Wherever evidentiary quality night-time surveillance images are needed		Energy efficient safety & architectural lighting, perimeters, utilities, ports & harbours Wherever evidentiary quality night-time surveillance images are needed		Rail & road applications, city centres, commercial & residential applications Wherever evidentiary quality night-time surveillance images are needed		Energy efficient safety & architectural lighting, triggered flood lighting, industrial & commercial sites Wherever evidentiary quality night-time surveillance images are needed	

* Achievable distance is dependent on camera & lens characteristics. Use a high performance 1/2" format & IR corrected lens at F1.4 to achieve a minimum SN ratio of 20dB

** Power consumption will vary over time due to optical output control which compensates for LED degradation and ambient temperature fluctuations