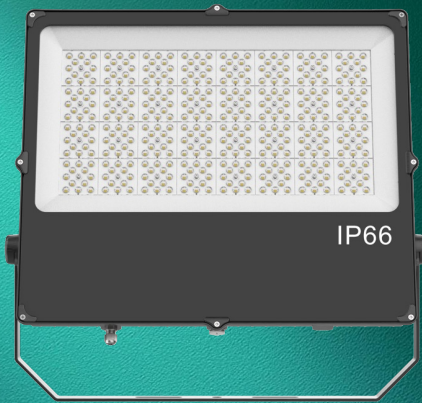




Vantage 08

LED Flood



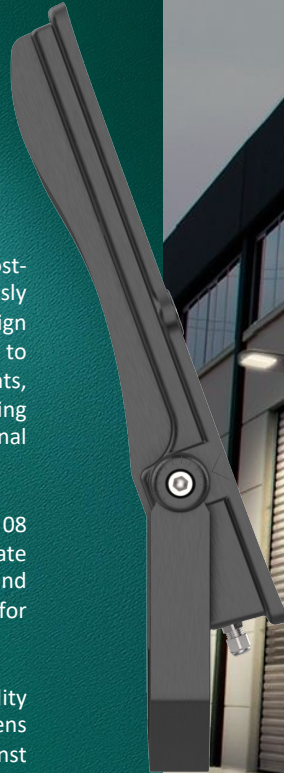
Vantage 08

The Vantage 08 LED Flood is an innovative, cost-effective outdoor lighting solution that seamlessly blends exceptional performance with modern design and is available in a range of wattages from 10W to 400W. It is ideal for harsh outdoor environments, combining durability with energy efficiency, delivering long-lasting performance and reduced operational costs.

With its innovative hollow design, the Vantage 08 ensures better ventilation, allowing the LEDs to operate at peak efficiency while reducing heat buildup and extending the lifespan of the light, making it ideal for demanding environments.

The Vantage 08 is angle adjustable, providing flexibility for precise installation. It is equipped with a PC Lens and Tempered Glass, offering double protection against the elements. Additionally, the floodlight offers a range of optional asymmetric optics, enabling professional-grade light distribution for various lighting needs.

For coastal areas, an optional 304 stainless steel bracket provides extra corrosion resistance. Durable, energy-efficient, and versatile, the Vantage 08 is the perfect lighting solution for any outdoor space.





Innovative design for efficient heat dissipation



A standout feature of the Vantage 08 is its industry-first hollow design power supply. This unique structure effectively manages heat by isolating the heat source, allowing heat to dissipate upwards and keeping the junction temperature of the LED light source lower. This ensures efficient heat dissipation, contributing to the longevity and reliability of the light.

Built to withstand harsh environments



Built to withstand the toughest conditions, the Vantage 08 is equipped with a toughened glass cover, providing superior UV resistance and anti-corrosion properties to endure even the harshest weather. The cover also makes cleaning effortless, delivering maximum light output. Its sliding back radiator ensures quick drainage of rainwater, preventing water buildup and further enhancing its waterproof design for easier maintenance.

High efficiency and energy saving

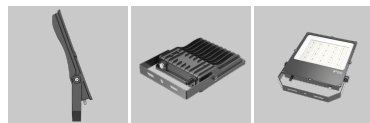


The Vantage 08 LED Flood delivers exceptional energy savings through its superior lumen output of up to 170lm/W. By achieving the required lux levels with lower wattage, it significantly reduces energy consumption while maintaining optimal lighting performance.

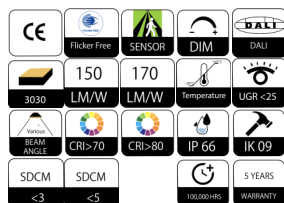
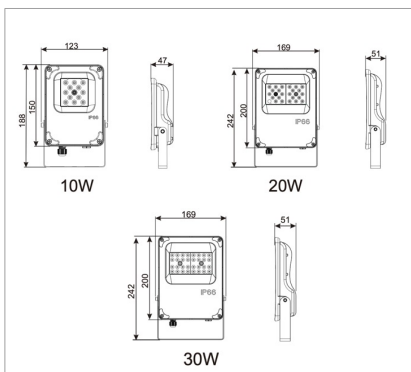
Intelligent lighting control options



The Vantage 08's integrated photocell sensor automatically adjusts based on ambient light levels, helping to lower energy costs and extend the product's lifespan, optimizing energy usage, reducing costs, and providing a customizable lighting experience tailored to any application.



MODEL	Vantage 08 Mini
WATTAGE	10W 20W 30W
CRI	70 80 90
CCT	3000K 4000K 5000K 5700K 6500K
BEAM ANGLE	30°/60°/90°/120°/ T2M/T3M (12-in-one lens) (16-in-one lens)
MATERIAL	Black
	Die-casting aluminum
DRIVER	Constant current remote LED driver included
APPLICATION	Warehouses, Manufacturing, Distribution Centres, etc.



Model	Watts	DxH(mm)	Length(mm)	Lumen(lm/w)
F08L188	10W	123(L)x47(W)x188(H)	188	150-170
F08L242	20W	169(L)x51(W)x242(H)	242	
	30W	169(L)x51(W)x242(H)		

ORDERING INFORMATION

Example: F08C-N-10-50-90-188

Model	Dimming	Wattage	CCT	Beam	Length
F08C (170lm/w)	N	10	50	90	188
F08A (150lm/w)	N NonDim	10W	30 3000K	30°	188 (10w)
F08B (160lm/w)	T Triac Dim	20W	40 4000K	60°	242 (20/30w)
F08C (170lm/w)	V 0/1-10V Dim	30W	50 5000K	90°	
	D DALI Dim		57 5700K	120°	

Light Source	SMD3030(150 -170lm/W) Lumileds
Correlated Colour Temperature (CCT)	3000K ~ 6500K
Colour Rendering Index (Ra)	>80 standard; <5 (<3 Optional)
SDCM	<5 (<3 Optional)
Beam Angle	30°/60°/90°/120°/T2M/T3M (12-in-one lens 10W/20W) / (16-in-one lens 30W)
UGR	<25

PERFORMANCE

System Wattage	10W 20W 30W
Luminous Flux(±10%)	1500 3000 4500
Luminaire Efficacy	150lm/W - 170lm/W

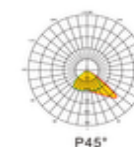
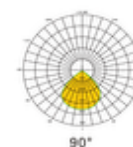
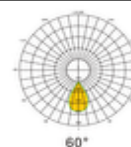
OPERATING CONDITIONS

Operating Temperature (Ta)	-40°C ~ 50°C
Mounting Options	Bracket

HOUSING & FINISH

Housing Material	Die-cast aluminum
Optic Material	Polycarbonate
Lens Material	Toughened Glass
Bracket Material	Galvanised Iron
Housing Finish	Powder-Coating
Finish Colour	Black
Weight (Kg)	0.5kg 0.98kg 0.98kg
IP Rating	IP66
IK Rating	IK09

PHOTOMETRIC DATA



Protection Class	Class 1
Nominal Voltage	AC100-277V 50-60 Hz
Power Factor	>0.97
Surge Protection (Kv)	6kV
Control Protocol	DALI, 1-10V, Zhaga, LoRa
Sensor	Photocell
Emergency	-
Power Supply	Sosen/Moso
Driver Type	Constant Current (CC)

Total Harmonic Distortion (THD)	8% IEC 61000-3-2 Class C <20%
Inrush Current	65A
Driver Lifetime	>100,000hrs

EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015

TECHNICAL DATA

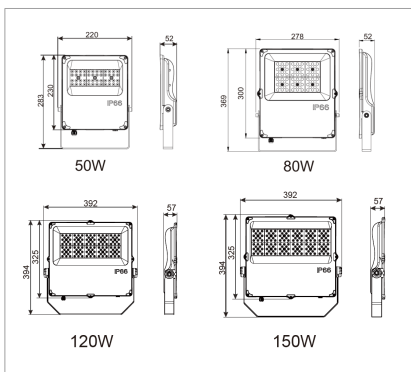
Certifications	CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

LIFETIME OF THE LEDS @ TA 25°C

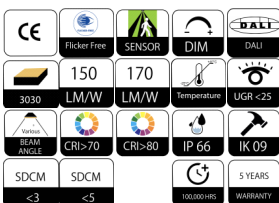
Lifetime @L70 (Tm-21)	>100,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	<100,000hrs



MODEL	Vantage 08 Midi
WATTAGE	50W 80W 100W 120W 150W 180W
CRI	70 80 90
CCT	3000K 4000K 5000K 5700K 6500K
BEAM ANGLE	30°/60°/90°/120°/ T2M/T3M (12-in-one lens)
MATERIAL	Black Die-casting aluminum
DRIVER	Constant current remote LED driver included
APPLICATION	Warehouses, Manufacturing, Distribution Centres, etc.



Model	Watts	DxH(mm)	Height(mm)	Lumen(lm/w)
F08L283	50W	220(L)x52(W)x283(H)	283	150-170
F08L369	80W	278(L)x52(W)x369(H)	369	
F08L394	100W	392(L)x57(W)x394(H)	394	
F08L445	150W	392(L)x57(W)x445(H)	445	



ORDERING INFORMATION

Example: F08C-N-100-50-90-369

Model	Dimming	Wattage	CCT	Beam	Height
F08C	N	100	50	90	369
F08A (150lm/w)	N NonDim	50W	30 3000K	30°	283 (50w)
F08B (160lm/w)	T Triac Dim	80W	40 4000K	60°	369 (80/100w)
F08C (170lm/w)	V 0/1-10V Dim	100W	50 5000K	90°	394 (120/150w)
	D DALI Dim	120W	57 5700K	120°	445 (180w)
		150W			
		180W			

OPTICAL DATA

Light Source	SMD3030(150 - 170lm/W) Lumileds
Correlated Colour Temperature (CCT)	3000K ~ 6500K
Colour Rendering Index (Ra)	>80 standard;
SDCM	<5 (<3 Optional)
Beam Angle	30°/60°/90°/120°/T2M/T3M(12-in-one lens)
UGR	<25

PERFORMANCE

System Wattage	50w 80w 100w 120w 150w 180w
Luminous Flux(±10%)	7500 12000 15000 18000 22500 27000
Luminaire Efficacy	150lm/W - 170lm/W

OPERATING CONDITIONS

Operating Temperature (Ta)	*-40°C ~ 50°C
Mounting Options	Bracket

HOUSING & FINISH

Housing Material	Die-cast aluminum
Optic Material	Polycarbonate
Lens Material	Toughened Glass
Bracket Material	Galvanised Iron
Housing Finish	Powder-Coating
Finish Colour	Black
Weight (Kg)	1.5kg 2.6kg 2.6kg 4kg 4kg 4.7kg
IP Rating	IP66
IK Rating	IK09

PHOTOMETRIC DATA



ELECTRICAL DATA

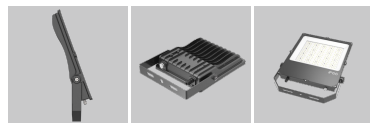
Protection Class	Class 1
Nominal Voltage	AC100-277V 50-60 Hz
Power Factor	>0.97
Surge Protection (Kv)	6kV
Control Protocol	DALI, 1-10V, Zhaga, LoRa
Sensor	Photocell
Emergency	-
Power Supply	Sosen/Moso
Driver Type	Constant Current (CC)
Total Harmonic Distortion (THD)	8% IEC 61000-3-2 Class C <20%
Inrush Current	65A
Driver Lifetime	> 100,000hrs
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015

TECHNICAL DATA

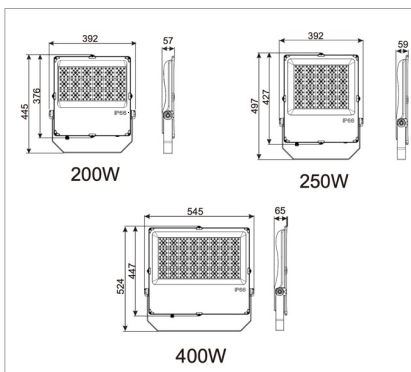
Certifications	CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

LIFETIME OF THE LEDS @ TA 25°C

Lifetime @L70 (Tm-21)	>100,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	< 100,000hrs



MODEL	Vantage 08 Maxi
WATTAGE	200W 240W 300W 400W
CRI	70 80 90
CCT	3000K 4000K 5000K 5700K 6500K
BEAM ANGLE	30°/60°/90°/120°/T2M/T3M (12-in-one lens)
MATERIAL	Black
	Die-casting aluminum
DRIVER	Constant current remote LED driver included
APPLICATION	Warehouses, Manufacturing, Distribution Centres, etc.



Model	Watts	Dimensions(mm)	Height (mm)	Lumen(lm/w)
F08L445	200W	392(L)x57(W)x445(H)	445	
F08L497	250W	392(L)x59(W)x497(H)	497	150-170
	300W			
F08L524	400W	545(L)x65(W)x524(H)	524	

Light Source	SMD3030(150 - 170lm/W) Lumileds	Protection Class	Class 1
Correlated Colour Temperature (CCT)	3000K ~ 6500K	Nominal Voltage	AC100-277V 50-60 Hz
Colour Rendering Index (Ra)	>80 standard; <5 (<3 Optional)	Power Factor	>0.97
SDCM	<5 (<3 Optional)	Surge Protection (Kv)	6kV
Beam Angle	30°/60°/90°/120°/T2M/T3M(12-in-one lens)	Control Protocol	DALI, 1-10V, Zhaga, LoRa
UGR	<25	Sensor	Photocell
		Emergency	-
		Power Supply	Sosen/Moso
		Driver Type	Constant Current (CC)

PERFORMANCE

System Wattage	200W 250W 300W 400W	Total Harmonic Distortion (THD)	8% IEC 61000-3-2 Class C <20%
Luminous Flux(±10%)	30000 37500 45000 60000	Inrush Current	65A
Luminaire Efficacy	150lm/W - 170lm/W	Driver Lifetime	>100,000hrs
		Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015

OPERATING CONDITIONS

Operating Temperature (Ta)	*-40°C ~ 50°C
Mounting Options	Bracket

TECHNICAL DATA

Certifications	CE/ROHS
Warranty	5 Year
Documentation	LM-79 / LM-80 / ISTMT / TM-21
Testing Standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)

HOUSING & FINISH

Housing Material	Die-cast aluminum
Optic Material	Polycarbonate
Lens Material	Toughened Glass
Bracket Material	Galvanised Iron
Housing Finish	Powder-Coating
Finish Colour	Black
Weight (Kg)	4.7kg 5.7kg 8.5kg 8.5kg
IP Rating	IP66
IK Rating	IK09

LIFETIME OF THE LEDS @ TA 25°C

Lifetime @L70 (Tm-21)	>100,000hrs
Lifetime @L80 (Tm-21)	
Lifetime @L90 (Tm-21)	
Switching Cycles	<100,000hrs

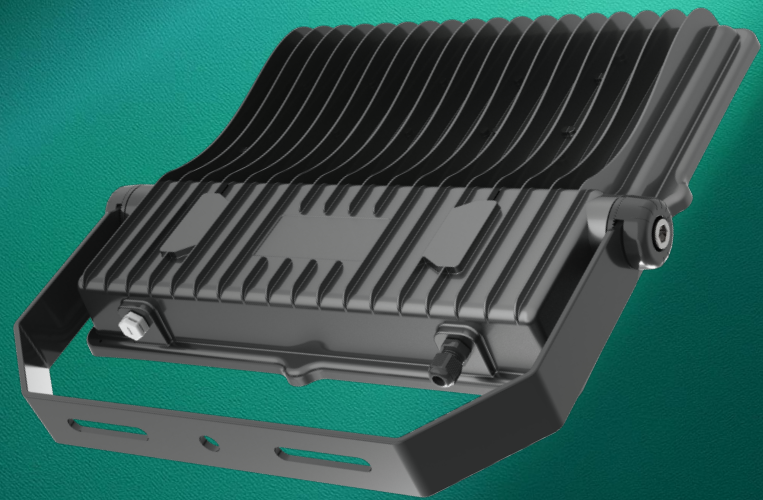
ORDERING INFORMATION

Example: F08C-N-250-50-90-497

Model	Dimming	Wattage	CCT	Beam	Height
F08C	N	240	50	90	497
F08A (150lm/w)	N NonDim	200W	30 3000K	30°	445 (200W)
F08B (160lm/w)	T Triac Dim	250W	40 4000K	60°	497 (240W)
F08C (170lm/w)	V 0/1-10V Dim	300W	50 5000K	90°	524 (300/400W)
	D DALI Dim	400W	57 5700K	120°	

PHOTOMETRIC DATA





Genesis One Lighting (Pty) Ltd

www.genesisone.co.za

sales@genesisone.co.za

Unit 27 Northlands Retail Park

210 Epsom Ave

Northriding

2169