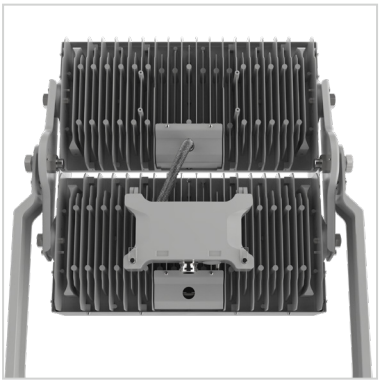
SYLVANIA Schréder
Experts in lightability™

AREA

BRITELINE LED



SYLVANIA

IP 66

IK 08

Illumination for wide range of floodlighting applications

NEW GENERATION OF HIGH POWERED LED FLOODLIGHTS

The Sylvania Schréder BRITELINE LED floodlight delivers effective and versatile illumination in areas where energy efficiency is a must.

The unique layout of the BRITELINE LED, consisting of two modules makes it a suitable retrofit solution for existing HID installations.

With an impressive performance of over 150lms/w and a choice of four asymmetrical distributions and hoods for AS/NZS4282 compliance, the BRITELINE LED is an excellent choice for local sporting clubs, councils and end users.

SPORTS

CAR PARKS

LARGE AREAS

INDUSTRIAL AREA LIGHTING

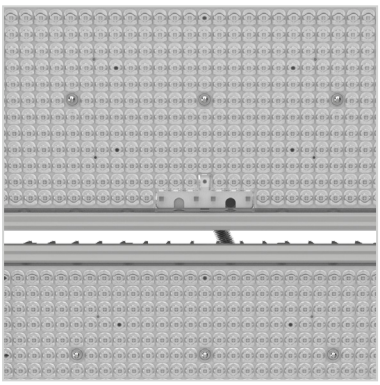
TRANSIT HUBS

MAIN APPLICATIONS

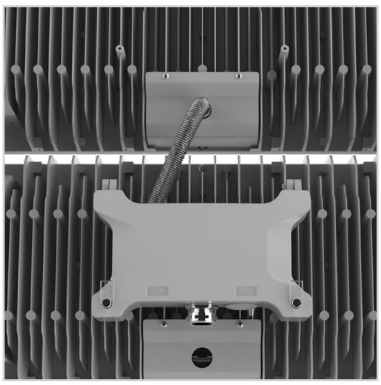
- Sports
- Car parks
- Large areas
- Industrial
- Transit hubs

KEY ADVANTAGES

- Energy efficient, high performance LED floodlight
- High lumen efficacy over 150lms/w
- High grade PMMA lens material designed for durability and efficacy
- Choice of four asymmetrical beam distributions
- Option of hood for glare and spill control
- Driver is Electronic 1.26KW 240 – 400Vac, DALI 2. Can be mounted up to 200m from Floodlight or on trunnion arm with bracket mounting system.
- Suitable for the Schréder ITERRA sports lighting control system
- Die-cast LM6 aluminium body, UV stabilized powder coated for durability
- Fitted with heavy duty galvanized trunnion suitable for under and over slinging



High grade PMMA lens material designed for durability and efficacy



25mm^2 IP66 cable gland

Complete with bird spikes & bird proof conduit

Accurate aiming with built-in protractor

GENERAL INFORMATION

Recommended installation height	6m to 40m | 20' to 130'
Driver included	Yes
RCM Mark	Yes
ENEC+ certified	No
ROHS compliant	Yes
Testing standard	AS/NZS 60598.1:2017

HOUSING AND FINISH

Housing	Die-cast LM6 aluminium body
Optic	PMMA
Protector	PMMA
Housing finish	Polyester texture finish
Standard colour(s)	RAL 9007 Any other RAL colour on request
Tightness level	IP66
Impact resistance	IK08

PERFORMANCE

Lumen efficacy	150lm/w

ELECTRICAL INFORMATION

Electrical class	Class 1
Nominal voltage	240V/415V
Power factor (at full load)	> 0.98
Surge protection (kV)	10kV
Electromagnetic compatibility (EMC)	AS/NZSCISPR15
Control protocol(s)	DALI 2
Sensor(s)	Devices & sensors for smart city applications

OPTICAL INFORMATION

LED colour temperature	5700k
Colour rendering index (CRI)	> 70
Asymmetrical distributions	Narrow, Medium, Wide, Very Wide

OPERATING CONDITIONS

Temperature range from operation (Ta)	-20°C to + 40°C

LIFETIME OF THE LEDS @ TA 40°C

All configurations	102,000h – L90

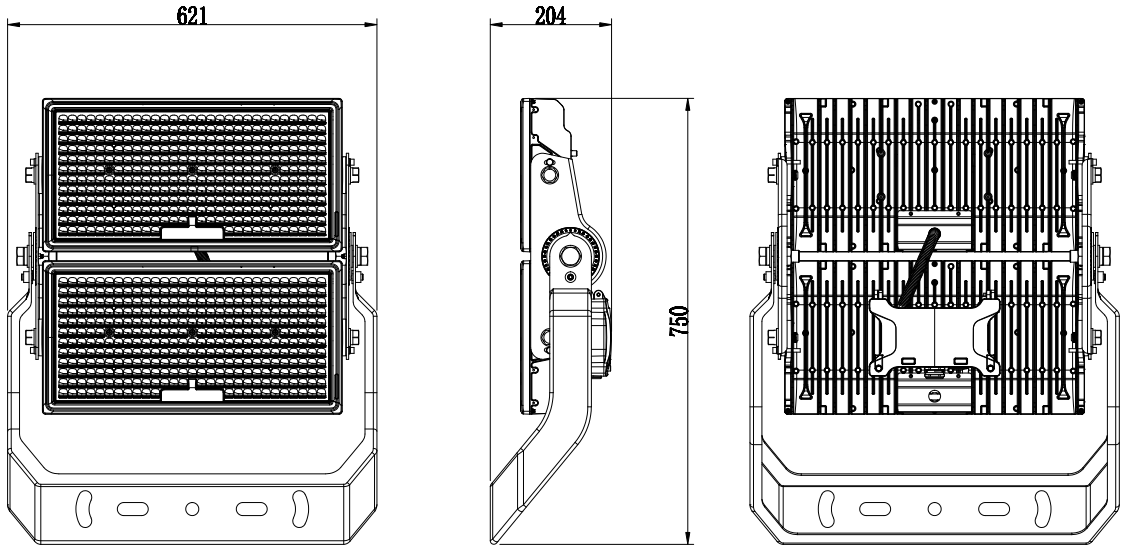
DIMENSIONS AND MOUNTING : TWO MODULE

L x W x H (mm)	Two Module (Remote Gear) – 621 x 750 x 204
Weight (kg)	Two Module (Remote Gear) – 29.5
	Two Module (Driver on Board) - 38.0
Aerodynamic resistance Windage (m2)	Two Module (Tilt°) – 0°=0.065m² 10°=0.112m² 20°=0.158m² 30°=0.198m² 40°=0.233m² 50°=0.261m² 60°=0.280m²
	Two Module with Hood (Tilt°) – 0°=0.138m² 10°=0.178m² 20°=0.224m² 30°=0.263m² 40° = 0.294m² 50°=0.316m² 60°=0.328m²
Mounting possibilities	Trunnion

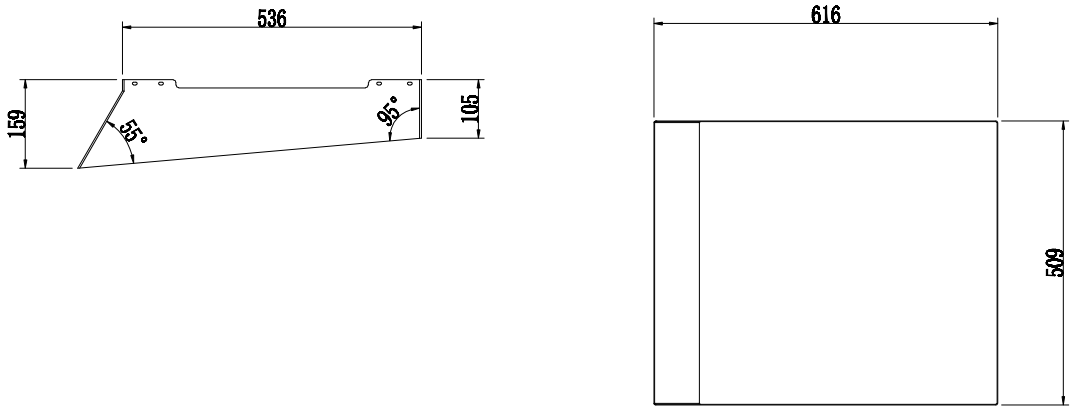
DIMENSIONS: TWO MODULE HOOD

L x W x H (mm)	616 x 509 x 159
Weight (kg)	9.0

TWO MODULE



TWO MODULE HOOD



Product Code	Name	Beam Dist.	Colour Temp (K)	System Power (W)
B2H757A1E18	BRITELINE LED 2 MOD CRI70 5700K ASYM A1 NAR C/W 1.26KW Driver 1.8A	Asymmetric A1 Narrow	5700	1200
B2H757A2E18	BRITELINE LED 2 MOD CRI70 5700K ASYM A2 MED C/W 1.26KW Driver 1.8A	Asymmetric A2 Medium	5700	1200
B2H757A3E18	BRITELINE LED 2 MOD CRI70 5700K ASYM A3 WIDE C/W 1.26KW Driver 1.8A	Asymmetric A3 Wide	5700	1200
B2H757A4E18	BRITELINE LED 2 MOD CRI70 5700K ASYM A4 VERY WIDE C/W 1.26KW Driver 1.8A	Asymmetric A4 Very Wide	5700	1200

ACCESSORIES	
B2HHOOD	BRITELINE 2 Mod Hood
B2HDRVBKT	Electronic driver bracket set to mount Electronic driver on trunnion