HYBRID CONTROL GEAR

- IP20 and IP65 models available
- 240V and 415V options
- Optional accessory offering 50% dimming
- 2C+E cable between driver and luminaire
- Maximum distance between gear and floodlight:
   - 1.5mm2 cable = 500m
   - 2.5mm2 cable = 850m
   - 4.0mm2 cable = 1400m
   - 6.0mm2 cable = 2100m
- High immunity to surges, low inrush /leakage current

Voltage (V)	Dimming	Code Number	
240 (HYBRID CONTROL GEAR)	Optional Switch Dimming Signal: OFF=100% ON=50%	SR4HERWP01T (IP65)	
		SR4HERGT01TG2 (IP20)	
415 (HYBRID CONTROL GEAR)	Optional Switch Dimming Signal: OFF=100% ON=50%	SR4HFRWP01T (IP65)	
		SR4HFRGT01TG2 (IP20)	

SYLVANIA Schréder

Hybrid Control BENEFITS

- IP20 and IP65 models available in both 240V and 415V

- Optional accessory available which offers 50% dimming for training mode

- Requires a two core cable + Earth between the driver and luminaire, providing an ideal solution for HID Floodlight retrofits. Installation of earthing is required as per Australian Standards

- The Extreme LED Hybrid control gear has been designed to match the footprint of the existing HID control gear

- For new installations, the distance between the control gear and the floodlight has been greatly improved. This offers benefits for both installation and maintenance

- Proven to offer protection in extreme environments with up to 70˚C ambient temperature, for IP20 GEN 2 model. Offering high immunity to surges and low inrush/leakage current

IP65 Hybrid weather proof drivers

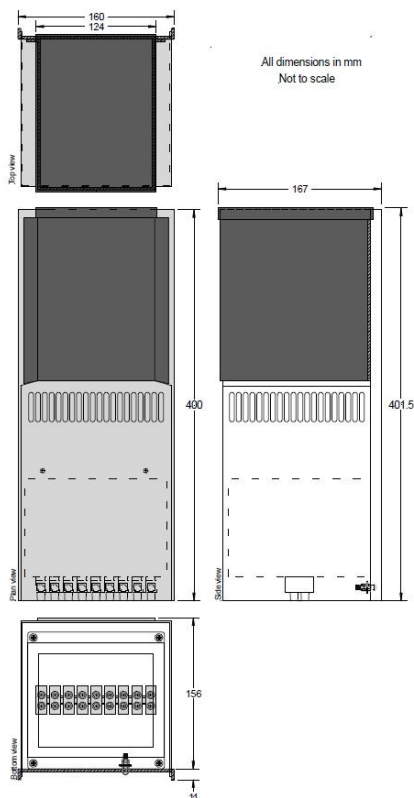IP65 Hybrid wiring

IP20 Hybrid easy access wiring

SYLVANIA Schréder

DIMENSIONS AND ORDER CODES

Product Code	Name	Optional Control	IP Rating	Voltage (V)	Weight (kg)	Dimensions LxWxH(mm)
SR4HERWP01T	W/P BOX CONTROL GEAR RAPTOR 3 WIRE 240V 10KV SURGE IMMUNITY	SWITCH DIMMING	IP 65	240	19.5	426 x 235 x 285
SR4HERGT01TG2	G/TRAY CONTROL GEAR RAPTOR 3 WIRE 240V 10KV SURGE IMMUNITY	SWITCH DIMMING	IP 20	240	16.5	400 x 160 x 167
SR4HFRWP01T	W/P BOX CONTROL GEAR RAPTOR 3 WIRE 415V 10KV SURGE IMMUNITY	SWITCH DIMMING	IP 65	415	19.5	426 x 235 x 285
SR4HFRGT01TG2	G/TRAY CONTROL GEAR RAPTOR 3 WIRE 415V 10KV SURGE IMMUNITY	SWITCH DIMMING	IP 20	415	16.5	400 x 160 x 167

ACCESSORIES

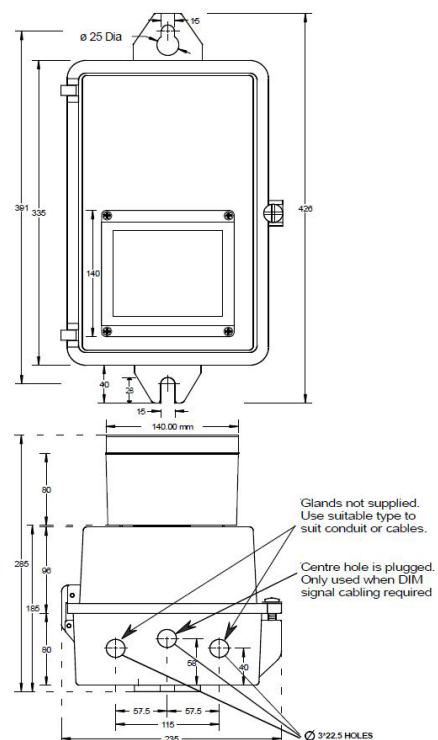| Product Code	Name	Voltage (V)
SDIM-400-A1	Switch Dim Interface 380-430V	415
SDIM-230-A1	Switch Dim Interface 220-250V	240
PSU-003-A1	220-430VAC/12 DC Dim Signal PSU	240/415

IP20 Control Gear Dimensions

SR4HERGT01T
SR4HFRGT01T

All dimensions in mm
Not to scale

IP65 Control Gear Dimensions

SR4HERWP01T
SR4HFRWP01T

Glands not supplied. Use suitable type to suit conduit or cables.

Centre hole is plugged. Only used when DIM signal cabling required

ELECTRONIC CONTROL GEAR

1.26KW DALI 2 Driver - Suitable for RAPTOR 3 and BRITELINE LED

Class I non-insulated, 1260 W, 2 (two) output constant current channels DALI-2 programmable. An IP66 enclosure makes it also suitable for outdoor applications and its electrical characteristics make it suitable for TV broadcasting applications.

- Input voltage: 240V/415V – 50Hz/60Hz
- Insulation Class I
- 2 independent output channels
- Max output power 630 W (per output channel)
- Output current range 1250-2100 mA (per output channel), DALI-2 programmable
- Output voltage range 200 – 400 VDC (per output channel)
- IEEE 1789 Flicker Recommended Practice Compliant
- Max remote distance 200 meters
- DALI-2 control up to 33 fps
- Hot restrike (below 1 s from 0 to 100%)
- Surge level 10kV for both common mode and differential mode
- Certification CE, ENEC and RCM; full design conformity to
- UL and Chinese safety standards
- Adaptable thermal protection for LED Modules
- Lifetime: >50.000 hours at maximum load
- Short circuit, overpower, over voltage protections
- DALI-2 configurable single-channel (1 x DT6) or multichannel (up to 3 x DT6) operating mode
- Autonomous 'Middle-Of-The-Night' dimming ('Adjustable Dimming')
- Constant Lumen function
- PMD implementation according to DiiA Part 251 and Part 253 specifications
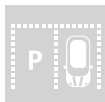- Remote firmware update
- IP66 enclosure
- 5C + Earth

IK 08   IP 66

SPORTS   CAR PARKS   LARGE AREAS

SYLVANIA Schréder

GENERAL INFORMATION

RCM Mark	Yes
ROHS compliant	Yes
Testing standard	AS/NZS 60598.1:2017

HOUSING AND FINISH
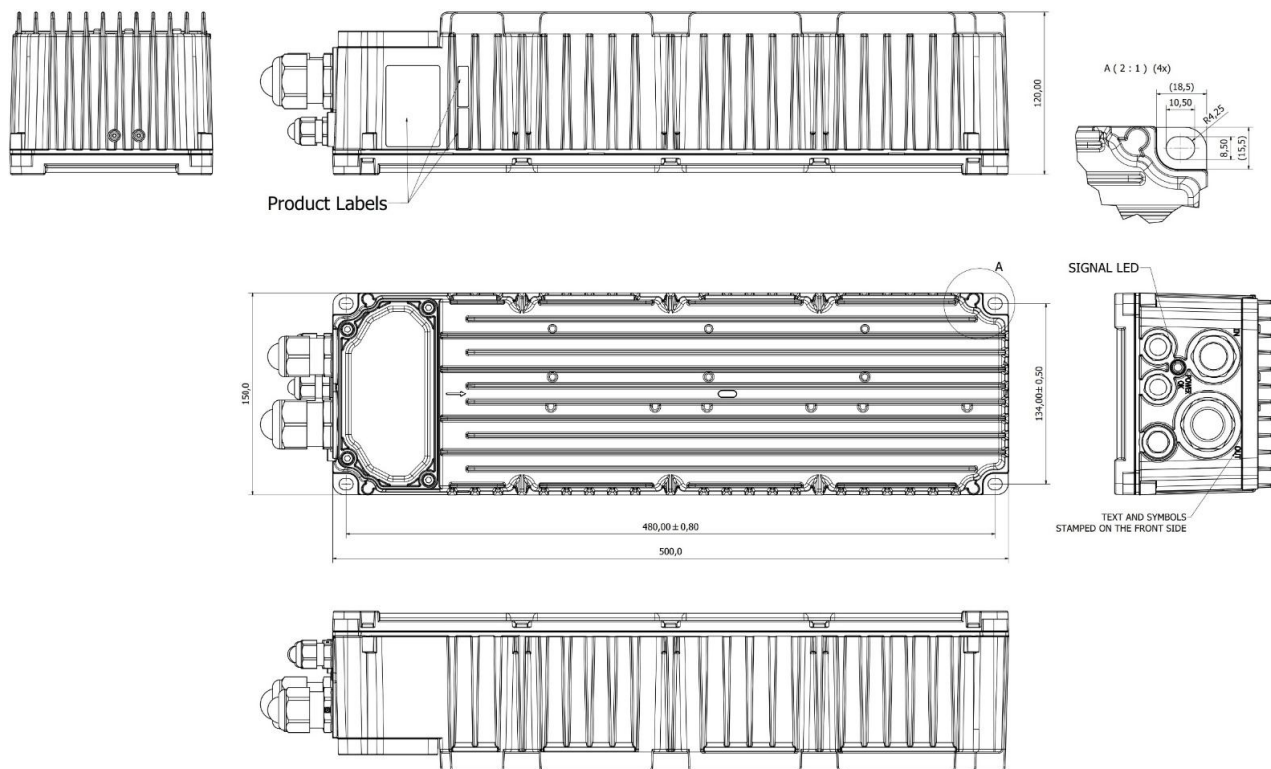
Housing	Die cast EN AC-43400 or EN AC-44300 Aluminium alloy
Housing finish	Powder coated finish
Standard colour(s)	RAL 7016
Tightness level	IP66
Impact resistance	IK08

ELECTRICAL INFORMATION

Electrical class	Class 1
Nominal voltage	240V/415V – 50Hz/60Hz
Power factor (at full load)	> 0.98
Surge protection (kV)	10kV
I/O Connections	Push-in connectors Input Connections: L1, L2, PE Control Connections: A, B, Shield (double connection for DMX line for re-launch) Output connections (LED+, LED-) x 3 channels + PE lum + NTC

DIMENSIONS AND MOUNTING

L x W x H (mm)	500 x 150 x 120 mm
Weight (kg)	6.5

Product Labels

A (2 : 1) (4x)

SIGNAL LED

TEXT AND SYMBOLS STAMPED ON THE FRONT SIDE

ORDER CODES

Product Code	Description	Wattage (KW)	Control	IP Rating	Voltage (V)	Weight (kg)	Dimensions LxWxH(mm)
02-07-677	RAPTOR 3 ELECTRONIC DRIVER 2 CHANNEL 2.1A	1.26	DALI-2	IP66	240-400	6.5	500x150x120
02-07-67718	BRITELINE LED ELECTRONIC DRIVER 2 CHANNEL 1.8A	1.26	DALI-2	IP66	240-400	6.5	500x150x120