VAPOURLINE

LED

VLN LED 65W

VLN LED 40W

VLN 2*28W

Schréder

VAPOURLINE

VLN LED 65W

VLN LED 40W

VLN 2*28W

APPLICATIONS

- Industry
- Mining
- Public buildings
- Corrosive environments
- Damp environments

KEY ADVANTAGES

- Robust corrosion-resistant housing and diffuser
- Stainless steel latches
- External mounting facility
- Hinged prismatic diffuser for ease of lamp replacement
- Ingress protection - IP 65
- Supplied with complete mounting kit and glands
- Suitable for suspension or surface mounting
- Range of LED and fluorescent lamp sources
- LED:
  - Operating temperature (T_a): -30˚C to +35˚C
  - Minimum 50 000hrs useful lifetime (L70)
  - Highly efficient LED, 4000K(*) at a colour rendering index >70

CONSTRUCTION DETAILS

The luminaire consists of an injection-moulded, flame-retardant polycarbonate housing and prismatic diffuser.
The powder coated white reflector and control gear tray, upon which all electrical components are mounted, are secured by means of multiple twist lock latches to secure the reflector to the housing.
The silicon sponge seal is moulded into the housing to ensure an optimal seal between the housing and the prismatic diffuser.
Two of the stainless steel latches facilitate the hinging of the diffuser and ensure correct alignment when closing the diffuser.
It is designed to operate LEDs of up to 65W, and fluorescent lamps up to 80W.

HOUSING

- The body is manufactured from injection-moulded, flame retardant polycarbonate material.
- Mounting is facilitated through removable external stainless steel mounting brackets, which can accommodate either surface or suspension mounting.
- An M20 gland is provided at one end with a knock out at the opposite end, making it suitable for surface or through wiring.
- A silicon sponge gasket is fitted into a special groove in the housing. This, in conjunction with the tongue provided on the diffuser, ensures the optimal sealing of the total enclosure, thereby maintaining the certified IP 65 ingress protection rating.

DIFFUSER

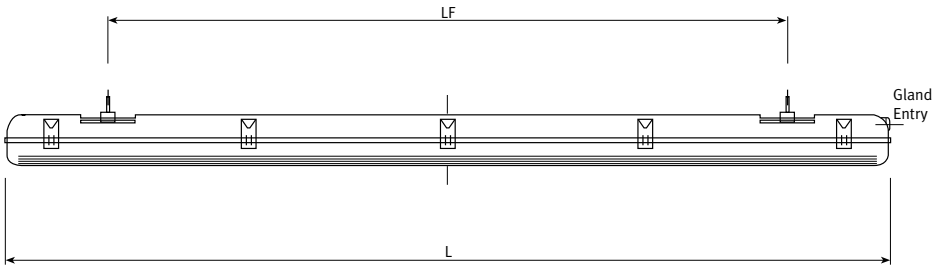
- The diffuser is manufactured from the same material as the housing, thus ensuring the flame-retardant integrity of the luminaire.
- The highly effective internal prisms of the diffuser ensure an optimal distribution of more than 80%.
- The diffuser is secured in place through multiple sprung stainless steel clips which ensure the integrity of the IP rating.
- Two of these clips keep the diffuser attached to the luminaire when hinged open, for ease of lamp replacement.

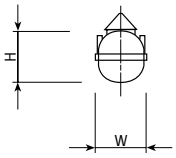
CONTROL GEAR COMPARTMENT

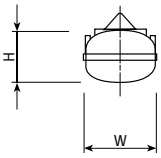
- The electronic gear is mounted on the reverse side of the powder coated steel reflector and is accessible for maintenance.
- The internal reflector and control gear tray are attached to the body of the luminaire by multiple wingnut shaped fasteners.
- Two removable control gear tray straps suspend the reflector and control gear tray when released from the body, for ease of maintenance.
- The electronic control gear is suitable for operation with the specified lamps on a 230V +3%/-10% at 50Hz, single phase supply.
- All control gear components are removable.
- Mains connections are by means of a suitable screw terminal block with a wire clamping contact.
- The power factor is rated at ≥0,9.

(*) Correlated colour temperature (CCT)

DIMENSIONS







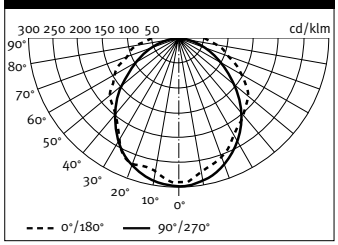
MODEL	L mm	W mm	H mm	LF mm	Clips
VLN LED 40W	1270	86	90	900	8
VLN LED 65W	1270	136	90	900	8
VLN 1*28W	1270	86	90	900	8
VLN 2*28W	1270	136	90	900	8
VLN 1*36W	1270	86	90	900	8
VLN 2*36W	1270	136	90	900	8
VLN 1*54W	1270	86	90	900	8
VLN 2*54W	1270	136	90	900	8
VLN 1*35W	1570	86	90	1200	10
VLN 2*35W	1570	136	90	1200	10
VLN 1*58W	1570	86	90	1200	10
VLN 2*58W	1570	136	90	1200	10
VLN 1*80W	1570	136	90	1200	10

Hingeable stainless steel clips keep the diffuser attached.

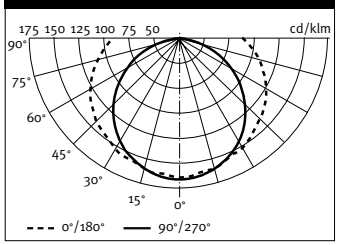
Multi-purpose bracket allows surface and suspended mounting.

LIGHT DISTRIBUTIONS

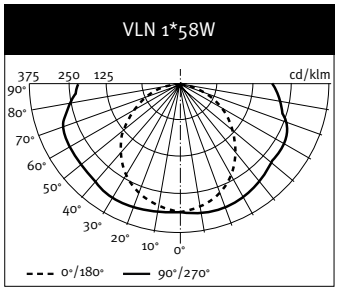
VLN LED 40W



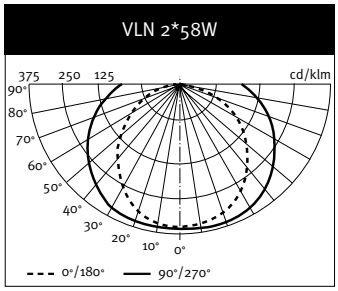
VLN LED 65W



VLN 1*58W



VLN 2*58W



Electronic data files can be downloaded from www.schreder.com.au

ORDERING DATA

DESCRIPTION	LAMP	LUMEN	MASS (KG)
VLN LED 40W	LED	4 710 [1]	1.7
VLN LED 65W	LED	8 100 [1]	2.1
VLN 1*58W/ECG	L 58W COOL WHITE	4 600	2.2
VLN 2*58W/ECG	L 58W COOL WHITE	4 600/lamp	2.1
VLN 1*28W ECG - T5	T5 28W COOL WHITE	2 600	1.7
VLN 2*28W ECG - T5	T5 28W COOL WHITE	2 600/lamp	2.3
VLN 1*35W ECG - T5	T5 35W COOL WHITE	3 300	2.1
VLN 2*35W ECG - T5	T5 35W COOL WHITE	3 300/lamp	2
VLN 1*54W ECG - T5	T5 54W COOL WHITE	4 450	1.7
VLN 2*54W ECG - T5	T5 54W COOL WHITE	4 450/lamp	2.3
VLN 1*80W ECG - T5	T5 80W COOL WHITE	6 150	2.1

Standard colour: Light Grey, based on RAL 7038
Standard CCT: Neutral white (4000K) [2]

[1] The type of LED used is subject to change due to the ongoing rapid progress taking place in LED technology.

[2] LED versions only

OPTIONS

ELECTRICAL	
Switching/dimming control	Switch-start control gear - fluorescent version
	DALI
	1-10V - LED version
Emergency	Emergency version maintained, 1hr (for one lamp per luminaire at 7%-38% light output) - fluorescent version
	Emergency version maintained, 1/2hr (for one lamp per luminaire at 7%-38% light output) - fluorescent version
	Emergency version maintained, 1hr (at 5% light output) - LED version