

SL2080CV RECESSED HANDRAIL LED LIGHTING SYSTEM

SL2080CV is a recessed handrail luminaire for recess mounting into round handrails and balustrades. SL2080CV variant is a constant voltage configuration allowing it to be connected to 12VDC or 24VDC using conventional parallel wiring. SL2080CV has a curved aspect to enable the product to fit seamlessly and discretely into the profile of a round handrail. The SL2080CV is available in a range of LED configurations.

SPECIFICATIONS

Input Voltage	12-24VDC
Power Consumption:	1.2W
Fitting Diameter:	18mm
Nominal Depth:	26mm
LED Classification:	CREE LED
LED Quantity:	1
Fixture Material:	Polished Stainless Steel
Typical Light Source Efficacy:	110lm/W
Beam Angle:	15° / 30° / 55°
Compatible LED Drivers:	Constant Voltage 12VDC or 24VDC
Recommended Ambient Temp:	-20 ~ +45° C
IP Protection Rating:	IP67

PHOTOMETRIC INFORMATION

SL2080CV-11 RED	630nm
SL2080CV-12 GREEN	530nm
SL2080CV-13 BLUE	465m
SL2080CV-15	CCT: 6000K CRI: >80
SL2080CV-17	CCT: 4000K CRI: >80
SL2080CV-21	CCT: 3000K CRI: >80
Typical LED efficacy:	93lm/W

Detailed photometric report and IES files available by request

HANDRAIL COMPATIBILITY

- For handrail diameters Ø38~42mm, wall thickness of T:1.5~2mm
- For handrail diameters Ø42~100mm, wall thickness of T:1.5~6mm.

SL2080CV incorporates a thread in the luminaire body. Requires M18x1.0mm Thread tapped into handrail balustrade. Suits commercial, residential projects and also public spaces and industrial handrail installations.

CONTROL & DIMMING COMPATIBILITY

Superlight LED handrail systems can be integrated using the correct control interface inc DALI, 1-10V or Phase Dimming.

ORDERING INFORMATION

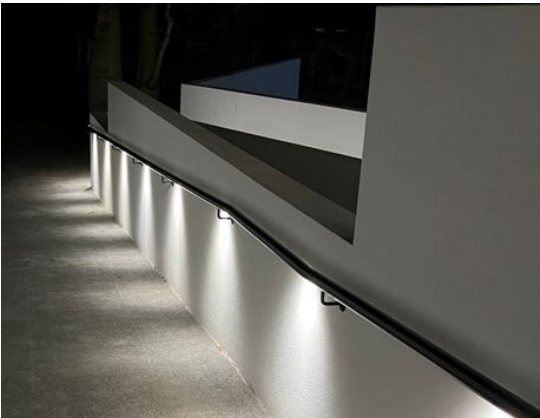
SL2080CV-11	SL2080CV Recessed LED Handrail Fitting 1.2W LED RED
SL2080CV-12	SL2080CV Recessed LED Handrail Fitting 1.2W LED GREEN
SL2080CV-13	SL2080CV Recessed LED Handrail Fitting 1.2W LED BLUE
SL2080CV-15	SL2080CV Recessed LED Handrail Fitting 1.2W LED 6000K
SL2080CV-17	SL2080CV Recessed LED Handrail Fitting 1.2W LED 4200K
SL2080CV-21	SL2080CV Recessed LED Handrail Fitting 1.2W LED 3000K

CUSTOMISATION OPTIONS

Fixture colour can be refinished by special request

**Custom options may be subject to minimum order quantities

All product specifications are subject to change without notice. Superlight accepts no liabilities as a result of errors, updates or omissions. Please re-confirm all product details prior to ordering.



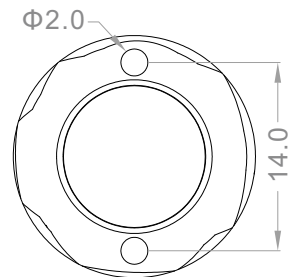
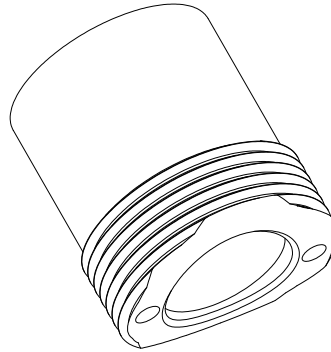
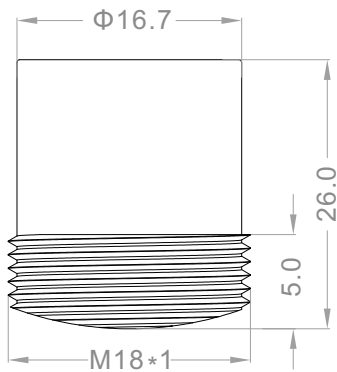
Special CV version can be driven by either 12V and 24V constant voltage LED power supply
Please only use constant voltage driver with this type.

Warning:
Any type of constant current LED driver is not compatible and will destroy the LED

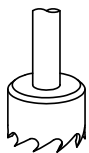
Suitable for Handrail Types:

For handrail $\varnothing 38 \sim 42\text{mm}$, wall thickness need to be $T: 1.5 \sim 2\text{mm}$
For handrail $\varnothing 42 \sim 100\text{mm}$, wall thickness need to be $T: 1.5 \sim 6\text{mm}$
M18x1 THREAD

Use with compatible class 2 LED Driver (Constant voltage type only)
maximum connected power not more than 100W



Recommended Installation Method



HOLE SAW

Hole saw suitable for handrail thickness $< 3\text{mm}$, 300-700RPM,

IMPORTANT:
Preparation of handrail must be precise.

It is advised order and procure the products before making any site preparations. It is recommended to order and procure the products before making any site preparations and to engage with the balustrade or handrail contractor for the purposes of preparing the handrail holes prior to installation

