SMCL series

Multiple Color LED Steady/ Flashing Signal Lights

IP44 | **-30~+50°C** | **BUZZER** | **90dB** | **NPN** | **RoHS**

Signal lights that produces two or three multicolored LED signals

This budget model uses a multiple color LED light source to provide signals in two or three colors.

On Mode

Off Mode
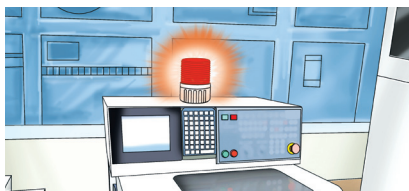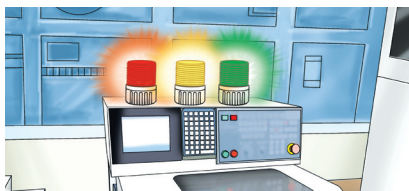
SMCL80

SMCL100

Common Specifications(SMCL80/ SMCL100/ SMCL125)

- Ideal for locations where space requirements need one warning light to convey multiple color signals
- LED light distribution system with multi-tiered reflector provides uniformed light signals throughout the entire lens
- The subdued light provides a comfortable and stable viewing condition for operation in close proximity
- Built-in buzzer available(Volume : Max 90dB at 1m)
- Can select between steady/ flashing mode
- Flashing rate : 60-80 flashes/min
- Materials : Lens-AS, Body-ABS, Reflector-Heat resistant ABS
- Ambient operating temperature : -30°C to +50°C
- Protection rating : IP44
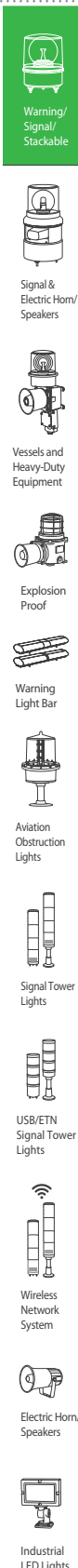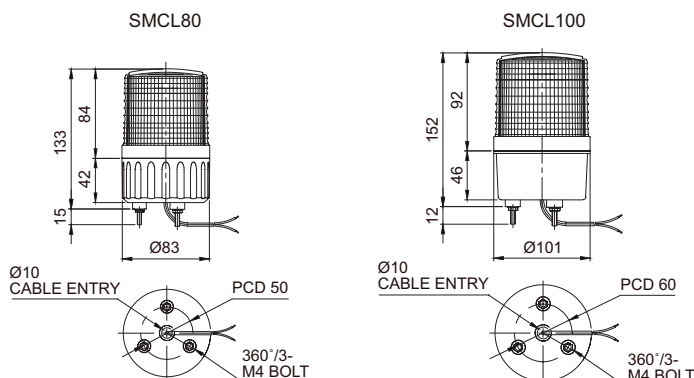- Certificates : CECompliant
- Complaint with RoHS directive

SMCL80 Ø80mm Multi-Color LED Steady/ Flashing Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
SMCL80	DC12V	0.234A	CE DC24V only	0.18kg	● R-Red ● A-Amber ● G-Green
	DC24V	0.132A		0.18kg	
	AC110V	0.066A		0.28kg	
	AC220V	0.033A		0.28kg	

SMCL100 Ø100mm Multi-Color LED Steady/ Flashing Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
SMCL100	DC12V	0.387A	CE DC24V only	0.23kg	● R-Red ● A-Amber ● G-Green
	DC24V	0.212A		0.23kg	
	AC110V	0.093A		0.32kg	
	AC220V	0.046A		0.32kg	

Technical Diagram
(Units : mm)

SMCL80

SMCL100

84 / 133 / 42 / 15 / Ø83

152 / 92 / 46 / 12 / Ø101

Ø10 CABLE ENTRY | PCD 50 | 360°/3-M4 BOLT

Ø10 CABLE ENTRY | PCD 60 | 360°/3-M4 BOLT

Warning/ Signal/ Stackable

Signal & Electric Horn/ Speakers

Vessels and Heavy-Duty Equipment

Explosion Proof

Warning Light Bar

Aviation Obstruction Lights

Signal Tower Lights

USB/ETN Signal Tower Lights

Wireless Network System

Electric Horn/ Speakers

Industrial LED Lights

SMCL series

Multiple Color LED Steady/ Flashing Signal Lights

Qlight

| IP44 | -30~+50℃ | 90dB BUZZER | ((° | NPN | RoHS |
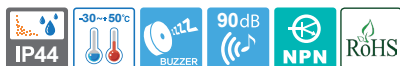
SMCL125

SMCL125 Ø125mm Multi-Color LED Steady/ Flashing LED Signal Light

Model number	Voltage	Current	Certificates	Weight	Color
SMCL125	DC12V	0.410A	CE DC24V only	0.27kg	● R-Red ● A-Amber ● G-Green
	DC24V	0.227A		0.27kg	
	AC110V	0.104A		0.36kg	
	AC220V	0.052A		0.36kg	

Technical Diagram   (Units : mm)

SMCL125

158 / 103 / 48 / 12

Ø119

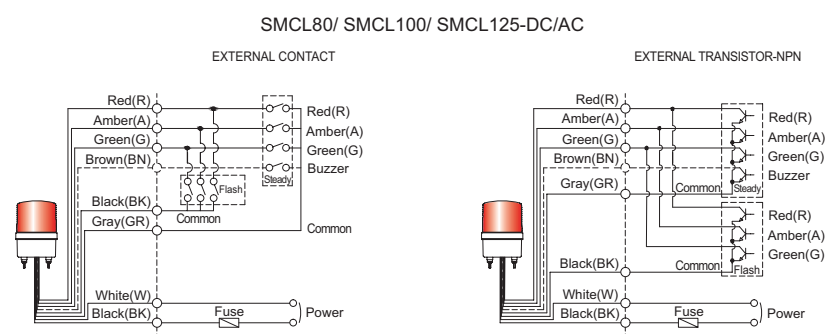Ø10 CABLE ENTRY   PCD 85

360°/3-M5 BOLT
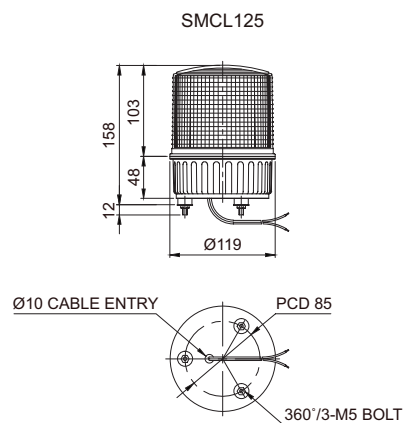
Wiring Instructions

• SMCL type can be wired with external contacts and transistor

• Wiring to transistor, use the NPN transistor. Please wire properly based on wiring instructions

• External power line standard : UL1015 AWG18(0.75sq)×2C 400mm

• External signal line standard : UL1007 AWG22(0.3sq) 400mm

• Product can be wired regardless of polarity

Wiring Instructions

SMCL80/ SMCL100/ SMCL125-DC/AC

EXTERNAL CONTACT

Red(R)
Amber(A)
Green(G)
Brown(BN)

Black(BK)
Gray(GR)

Red(R)
Amber(A)
Green(G)
Buzzer

Flash   Steady
Common

Common

White(W)
Black(BK)   Fuse   Power

EXTERNAL TRANSISTOR-NPN

Red(R)
Amber(A)
Green(G)
Brown(BN)
Gray(GR)

Red(R)
Amber(A)
Green(G)
Buzzer

Common   Steady

Red(R)
Amber(A)
Green(G)

Black(BK)   Common
Flash

White(W)
Black(BK)   Fuse   Power

Accessories

• Wall mounting bracket options : Bracket structure allows for threading through the bracket hole or into the wall mount

- SMCL80

Wall Mount Bracket **TWS80**   Wall Mount Bracket **TWA80**

- SMCL100/ SMCL125

Wall Mount Bracket **SWP125**   Wall Mount Bracket **SWM125**

Ordering Specification

SMCL100	-	BZ	-	3	-	220	-	RAG
[Model number]		[Buzzer option]		[Color]		[Voltage]		[Color]

• SMCL80
• SMCL100
• SMCL125

• None
 - No buzzer
• BZ
 - Built-in buzzer

2-2colors
3-3colors

• 12-DC12V
• 24-DC24V
• 110-AC110V
• 220-AC220V

● R-Red
● A-Amber
● G-Green

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Audio Indicators & Alerts *category:*

Click to view products by QLIGHT *manufacturer:*

Other Similar products are found below :

M2BJ-BH24E 6-4 68S1240-PA MBA-624 F/BC 40P-DR LF FDG111PLF F/NRMB 24 BLACK LF PF-35N29WQ PFD-27A35PQ PL-27A35PSQ PS-531Q AB2020B-2-LW1 EBPT-401 PB06SD12AP PB-1220PEQ S6109 SC2036ACP SC616N-2 SC628FW SC628MPG SC648D SCS045MD9DT3S AB2025B-LW50-R ESZ-25B-5-250B F/BC 35-DR LF FCM12PLF F/EB20P-DR LF F/HU110MP24V-IP67B LF AI-2835-TF-LW150-2-R AI-4228-TF-LW305-R FSMD8585JSLF FSS-26T F/SU 21-02 LF F/TCW 05 WITH LABEL LF F/UCW 03 WITH LABEL LF F/UCW 06 WITH LABEL LF PKM22EPPH40S1-B0 PKM35-4A0 PL-35N29WQ PLD-27A35PQ PS-552Q CM-5 M2BJ-BH24E-D REF-202 LSC628ANR 5-100 PAL-328 03-810.001 RTO-1R07-001 PL-21N31PQ PF-27A25PSQ