

**Single-Chip LED**



**Multi-Chip LED**

**Multi-Chip LED**



**Multi-Chip LED**

**Midget Flanged**



**Multi-Chip LED**



**Bi-pin**



**Buzzer with Flashing**



**Super- Bright LED 22 mm.**



**Snap-Fit LED**

# SUPER-BRIGHT MULTI-CHIP LED

## SIGNAL LAMPS



### T-1-3/4 6V, 12V, 28V, 36V, 48V & 60V Multi-Chip LED Lamp

Data Sheet :  
SEL-MCL-001-HB

T-1-3/4 Midget Flanged Based	T-1-3/4 Midget Grooved Based	T-1-3/4 Bi-Pin (3.17mm)	T-1-3/4 Midget Screw Based	T-1-3/4 Midget Wedge
<b>Fig. A</b>	<b>Fig. B</b>	<b>Fig. C</b>	<b>Fig. D</b>	<b>Fig. E</b>

\*Note: All dimensions are in mm

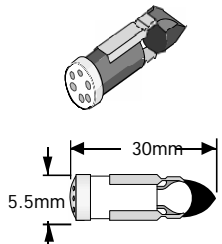
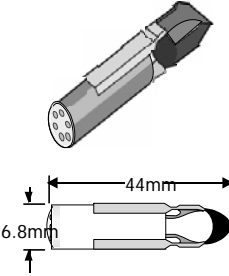
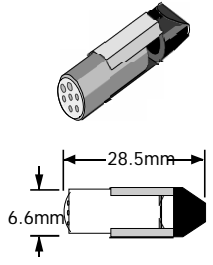
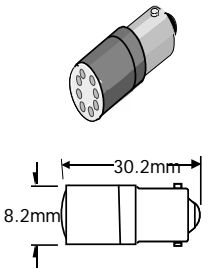
	Volts (V)	Current (mA)	Color	T-1-3/4 MF Based Fig. A	T-1-3/4 MG Based Fig. B	T-1-3/4 Bi-Pin Fig. C	T-1-3/4 E-5/8 Fig. D	T-1-3/4 Wedge Fig. E	Remark
1	6V AC/DC	45mA	Red	T5LDMFR6	T5LDMGR6	T5LDBPR6	T5LDESR6	T5LDWDR6	
2	6V AC/DC	45mA	Green	T5LDMFG6	T5LDMGG6	T5LDBPG6	T5LDESG6	T5LDWDG6	
3	6V AC/DC	45mA	Orange	T5LDMFO6	T5LDMGO6	T5LDBPO6	T5LDESO6	T5LDWDO6	
4	6V AC/DC	45mA	Yellow	T5LDMFY6	T5LDMGY6	T5LDBPY6	T5LDESY6	T5LDWDY6	
5	6V AC/DC	45mA	Blue	T5LDMFB6	T5LDMGB6	T5LDBPB6	T5LDESB6	T5LDWDB6	
6	12V AC/DC	45mA	Red	T5LDMFR12	T5LDMGR12	T5LDBPR12	T5LDESR12	T5LDWDR12	
7	12V AC/DC	45mA	Green	T5LDMFG12	T5LDMGG12	T5LDBPG12	T5LDESG12	T5LDWDG12	
8	12V AC/DC	45mA	Orange	T5LDMFO12	T5LDMGO12	T5LDBPO12	T5LDESO12	T5LDWDO12	
9	12V AC/DC	45mA	Yellow	T5LDMFY12	T5LDMGY12	T5LDBPY12	T5LDESY12	T5LDWDY12	
10	12V AC/DC	45mA	Blue	T5LDMFB12	T5LDMGB12	T5LDBPB12	T5LDESB12	T5LDWDB12	
11	24V AC/DC	15mA	Red	T5LDMFR24	T5LDMGR24	T5LDBPR24	T5LDESR24	T5LDWDR24	
12	24V AC/DC	15mA	Green	T5LDMFG24	T5LDMGG24	T5LDBPG24	T5LDESG24	T5LDWDG24	
13	24V AC/DC	15mA	Orange	T5LDMFO24	T5LDMGO24	T5LDBPO24	T5LDESO24	T5LDWDO24	
14	24V AC/DC	15mA	Yellow	T5LDMFY24	T5LDMGY24	T5LDBPY24	T5LDESY24	T5LDWDR24	
15	24V AC/DC	15mA	Blue	T5LDMFB24	T5LDMGB24	T5LDBPB24	T5LDESB24	T5LDWDB24	
16	28V AC/DC	15mA	Red	T5LDMFR28	T5LDMGR28	T5LDBPR28	T5LDESR28	T5LDWDR28	
17	28V AC/DC	15mA	Green	T5LDMFG28	T5LDMGG28	T5LDBPG28	T5LDESG28	T5LDWDG28	
18	28V AC/DC	15mA	Orange	T5LDMFO28	T5LDMGO28	T5LDBPO28	T5LDESO28	T5LDWDO28	
19	28V AC/DC	15mA	Yellow	T5LDMFY28	T5LDMGY28	T5LDBPY28	T5LDESY28	T5LDWDY28	
20	28V AC/DC	15mA	Blue	T5LDMFB28	T5LDMGB28	T5LDBPB28	T5LDESB28	T5LDWDB28	
21	36V AC/DC	15mA	Red	T5LDMFR36	T5LDMGR36	T5LDBPR36	T5LDESR36	T5LDWDR36	
22	36V AC/DC	15mA	Green	T5LDMFG36	T5LDMGG36	T5LDBPG36	T5LDESG36	T5LDWDG36	
23	36V AC/DC	15mA	Orange	T5LDMFO36	T5LDMGO36	T5LDBPO36	T5LDESO36	T5LDWDO36	
24	36V AC/DC	15mA	Yellow	T5LDMFY36	T5LDMGY36	T5LDBPY36	T5LDESY36	T5LDWDY36	
25	36V AC/DC	15mA	Blue	T5LDMFB36	T5LDMGB36	T5LDBPB36	T5LDESB36	T5LDWDB36	
26	48V AC/DC	10mA	Red	T5LDMFR48	T5LDMGR48	T5LDBPR48	T5LDESR48	T5LDWDR48	
27	48V AC/DC	10mA	Green	T5LDMFG48	T5LDMGG48	T5LDBPG48	T5LDESG48	T5LDWDG48	
28	48V AC/DC	10mA	Orange	T5LDMFO48	T5LDMGO48	T5LDBPO48	T5LDESG48	T5LDWDO48	
29	48V AC/DC	10mA	Yellow	T5LDMFY48	T5LDMGY48	T5LDBPY48	T5LDESY48	T5LDWDY48	
30	48V AC/DC	10mA	Blue	T5LDMFB48	T5LDMGB48	T5LDBPB48	T5LDESB48	T5LDWDB48	
31	60V AC/DC	10mA	Red	T5LDMFR60	T5LDMGR60	T5LDBPR60	T5LDESR60	T5LDWDR60	
32	60V AC/DC	10mA	Green	T5LDMFG60	T5LDMGG60	T5LDBPG60	T5LDESG60	T5LDWDG60	
33	60V AC/DC	10mA	Orange	T5LDMFO60	T5LDMGO60	T5LDBPO60	T5LDESO60	T5LDWDO60	
34	60V AC/DC	10mA	Yellow	T5LDMFY60	T5LDMGY60	T5LDBPY60	T5LDESY60	T5LDWDY60	
35	60V AC/DC	10mA	Blue	T5LDMFB60	T5LDMGB60	T5LDBPB60	T5LDESB60	T5LDWDB60	

Remarks: Prices quoted are for 6-chip super-bright Red, Green, Amber and Yellow LEDs. 2-chip super-bright Blue LED is not yet available.

8-chip normal-bright Red, Green, Amber & Yellow LEDs at 20-30% lower price are also available. E-mail us for price-list of normal-bright LEDs

# SUPER-BRIGHT MULTI-CHIP LED SIGNAL LAMPS



T-5.5, T-6.8 DIN, PSB & MB Multi-Chip LED Lamp							Data Sheet : SEL-MCL-003-HB	
T- 5.5x30mm Slide Based		T-6.8x44mm DIN Slide Based		USA PSB Slide Based		USA MB BA9s Based		Features
6-Chips 		6-Chips 		6-Chips 		8-Chips 		<ul style="list-style-type: none"> <li>• High quality industrial grade</li> <li>• Fine workmanship</li> <li>• Coloured body coding</li> </ul> <p><b>*Note:</b> All dimensions are in mm</p>
Fig. A		Fig. B		Fig. C		Fig. D		
Volts (V)	Current (mA)	Colour	T-5.5x30mm Slide Based Fig-A	T-6.8x44mm Slide Based Fig-B	USA PSB Slide Based Fig-C	USA MB BA9s Base Fig-D	Remark	
6V AC/DC	45mA	Red Green Amber Yellow	T5530-R-6V T5530-G-6V T5530-A-6V T5530-Y-6V	T6844-R-6V T6844-G-6V T6844-A-6V T6844-Y-6V	PSB-R-6V PSB-G-6V PSB-A-6V PSB-Y-6V	MB-R-6V (60mA) MB-G-6V (60mA) MB-A-6V (60mA) MB-Y-6V (60mA)		
12V AC/DC	45mA	Red Green Amber Yellow	T5530-R-12V T5530-G-12V T5530-A-12V T5530-Y-12V	T6844-R-12V T6844-G-12V T6844-A-12V T6844-Y-12V	PSB-R-12V PSB-G-12V PSB-A-12V PSB-Y-12V	MB-R-12V (60mA) MB-G-12V (60mA) MB-A-12V (60mA) MB-Y-12V (60mA)		
24V AC/DC	15mA	Red Green Amber Yellow	T5530-R-24V T5530-G-24V T5530-A-24V T5530-Y-24V	T6844-R-24V T6844-G-24V T6844-A-24V T6844-Y-24V	PSB-R-24V PSB-G-24V PSB-A-24V PSB-Y-24V	MB-R-24V (12mA) MB-G-24V (12mA) MB-A-24V (12mA) MB-Y-24V (12mA)		
28V AC/DC	15mA	Red Green Amber Yellow	T5530-R-28V T5530-G-28V T5530-A-28V T5530-Y-28V	T6844-R-28V T6844-G-28V T6844-A-28V T6844-Y-28V	PSB-R-28V PSB-G-28V PSB-A-28V PSB-Y-28V	MB-R-28V (12mA) MB-G-28V (12mA) MB-A-28V (12mA) MB-Y-28V (12mA)		
36V AC/DC	15mA	Red Green Amber Yellow	T5530-R-36V T5530-G-36V T5530-A-36V T5530-Y-36V	T6844-R-36V T6844-G-36V T6844-A-36V T6844-Y-36V	PSB-R-36V PSB-G-36V PSB-A-36V PSB-Y-36V	MB-R-36V (12mA) MB-G-36V (12mA) MB-A-36V (12mA) MB-Y-36V (12mA)		
48V AC/DC	10mA	Red Green Amber Yellow	T5530-R-48V T5530-G-48V T5530-A-48V T5530-Y-48V	T6844-R-48V T6844-G-48V T6844-A-48V T6844-Y-48V	PSB-R-48V PSB-G-48V PSB-A-48V PSB-Y-48V	MB-R-48V (10mA) MB-G-48V (10mA) MB-A-48V (10mA) MB-Y-48V (10mA)		
60V AC/DC	10mA	Red Green Amber Yellow	T5530-R-60V T5530-G-60V T5530-A-60V T5530-Y-60V	T6844-R-60V T6844-G-60V T6844-A-60V T6844-Y-60V	PSB-R-60V PSB-G-60V PSB-A-60V PSB-Y-60V	MB-R-60V (10mA) MB-G-60V (10mA) MB-A-60V (10mA) MB-Y-60V (10mA)		
120V AC/DC	10mA	Red Green Amber Yellow			PSB-R-120V PSB-G-120V PSB-A-120V PSB-Y-120V	MB-R-120V (10mA) MB-G-120V (10mA) MB-A-120V (10mA) MB-Y-120V (10mA)		

**Remarks:** Prices quoted are for 6-chip or 8-chip super-bright LEDs. 6-chip or 8-chip normal-bright LEDs at 20-30% cheaper are also available

# SUPER - BRIGHT MULTI - CHIP LED SIGNAL LAMPS



T-10x25mm BA9s Based	T-10x25mm E-10 Based	T-10x28mm BA9s Based	T-10x28mm E-10 Based	Features
<p>8-Chips</p> <p>Fig. A</p>	<p>8-Chips</p> <p>Fig. B</p>	<p>8-Chips</p> <p>Fig. C</p>	<p>8-Chips</p> <p>Fig. D</p>	<ul style="list-style-type: none"> <li>• <b>High quality industrial grade</b></li> <li>• <b>Nickel-plated Brass Heat-Sink</b></li> <li>• <b>Colour Ring coding</b></li> </ul> <p>Fig. E</p>

\*Note: All dimensions are maximum in mm

No.	Volts.	Current (mA)	Colour	T-10x25mm. BA9s Based Fig-A	T-10x25mm. E-10 Based Fig-B	T-10x28mm. BA9s Based Fig-C	T-10x28mm. E-10 Based Fig-D	Remark
1	6 V AC/DC	60mA	Red	T1025B-R6	T1025E-R6	T1028B-R6	T1028E-R6	
2	6 V AC/DC	60mA	Green	T1025B-G6	T1025E-G6	T1028B-G6	T1028E-G6	
3	6 V AC/DC	60mA	Amber	T1025B-A6	T1025E-A6	T1028B-A6	T1028E-A6	
4	6 V AC/DC	60mA	Yellow	T1025B-Y6	T1025E-Y6	T1028B-Y6	T1028E-Y6	
5	6 V AC/DC	60mA	Blue	T1025B-B6	T1025E-B6	T1028B-B6	T1028E-B6	
6	12 V AC/DC	60mA	Red	T1025B-R12	T1025E-R12	T1028B-R12	T1028E-R12	
7	12 V AC/DC	60mA	Green	T1025B-G12	T1025E-G12	T1028B-G12	T1028E-G12	
8	12 V AC/DC	60mA	Amber	T1025B-A12	T1025E-A12	T1028B-A12	T1028E-A12	
9	12 V AC/DC	60mA	Yellow	T1025B-Y12	T1025E-Y12	T1028B-Y12	T1028E-Y12	
10	12 V AC/DC	60mA	Blue	T1025B-B12	T1025E-B12	T1028B-B12	T1028E-B12	
11	24 V AC/DC	10mA	Red	T1025B-R24	T1025E-R24	T1028B-R24	T1028E-R24	
12	24 V AC/DC	10mA	Green	T1025B-G24	T1025E-G24	T1028B-G24	T1028E-G24	
13	24 V AC/DC	10mA	Amber	T1025B-A24	T1025E-A24	T1028B-A24	T1028E-A24	
14	24 V AC/DC	10mA	Yellow	T1025B-Y24	T1025E-Y24	T1028B-Y24	T1028E-Y24	
15	24 V AC/DC	10mA	Blue	T1025B-B24	T1025E-B24	T1028B-B24	T1028E-B24	
16	48 V AC/DC	10mA	Red	T1025B-R48	T1025E-R48	T1028B-R48	T1028E-R48	
17	48 V AC/DC	10mA	Green	T1025B-G48	T1025E-G48	T1028B-G48	T1028E-G48	
18	48 V AC/DC	10mA	Amber	T1025B-A48	T1025E-A48	T1028B-A48	T1028E-A48	
19	48 V AC/DC	10mA	Yellow	T1025B-Y48	T1025E-Y48	T1028B-Y48	T1028E-Y48	
20	48 V AC/DC	10mA	Blue	T1025B-B48	T1025E-B48	T1028B-B48	T1028E-B48	
21	110 V AC/DC	10mA	Red	T1025B-R110	T1025E-R110	T1028B-R110	T1028E-R110	
22	110 V AC/DC	10mA	Green	T1025B-G110	T1025E-G110	T1028B-G110	T1028E-G110	
23	110 V AC/DC	10mA	Amber	T1025B-A110	T1025E-A110	T1028B-A110	T1028E-A110	
24	110 V AC/DC	10mA	Yellow	T1025B-Y110	T1025E-Y110	T1028B-Y110	T1028E-Y110	
25	110 V AC/DC	10mA	Blue	T1025B-B110	T1025E-B110	T1028B-B110	T1028E-B110	
26	220 V AC/DC	10mA	Red	T1025B-R220	T1025E-R220	T1028B-R220	T1028E-R220	
27	220 V AC/DC	10mA	Green	T1025B-G220	T1025E-G220	T1028B-G220	T1028E-G220	
28	220 V AC/DC	10mA	Amber	T1025B-A220	T1025E-A220	T1028B-A220	T1028E-A220	
29	220 V AC/DC	10mA	Yellow	T1025B-Y220	T1025E-Y220	T1028B-Y220	T1028E-Y220	
30	220 V AC/DC	10mA	Blue	T1025B-B220	T1025E-B220	T1028B-B220	T1028E-B220	

**Remark:** Prices quoted are for 8-chip super-bright Red, Green, Amber and Yellow LEDs and 2-chip super-bright Blue LED.  
8-chip normal-bright Red, Green, Amber & Yellow LEDs at 20-30% lower price are also available. E-mail us for price-lis

# Super-Bright Multi-Chip-LED



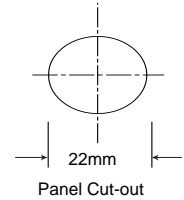
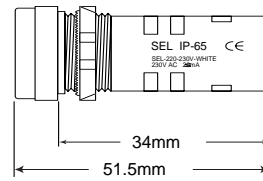
## 22Ømm Super-Bright Multi-Chip-LED General Purpose

Pilot Lights for 130V AC/DC and 230V & 380V AC only

22Ømm LED Pilot Lights

Part Number : SEL-22D-XXXV-XXXXX

130VAC/DC & 230VAC & 380V AC Operating-Current I<sub>o</sub>=18-20mA#



EDA Instruments & Systems Co.,Ltd. E-mail: info@eda.co.th

### Features & Application

- 22mmØ Super-Bright Multi-chip LED Pilot Lights with Diffuser/Legend-insert
- For direct 130V AC/DC 50/60Hz & 230V 50/60Hz AC only Mains operation
- Available in Super-Bright Red, Amber, Green, Blue, White and Standard Bright Low

EDA Part No.	Operating Voltage	Current##	No. of Chips	Colour	Remark
SEL-22D-130V-Red	130V AC/DC	20mA Max.	12-chips	Super-Brightness Red	
SEL-22D-130V-Amber	130V AC/DC	20mA Max.	12-chips	Super-Brightness Amber	
SEL-22D-130V-Green+	130V AC/DC	20mA Max.	2-chips InGaN	Super-Brightness Green	
SEL-22D-130V-Blue	130V AC/DC	20mA Max.	4-chips InGaN	Super-Brightness Blue	
SEL-22D-130V-White+	130V AC/DC	20mA Max.	3-chips InGaN	Super-Brightness White	
#SEL-22D-130V-Green	130V AC/DC	20mA Max.	12-chips	Standard-Brightness Green	
#SEL-22D-130V-White	130V AC/DC	20mA Max.	12-chips	Standard-Brightness White	
SEL-22D-230V-Red	230V AC only	20mA Max.	12-chips	Super-Brightness Red	
SEL-22D-230V-Amber	230V AC only	20mA Max.	12-chips	Super-Brightness Amber	
SEL-22D-230V-Green+	230V AC only	20mA Max.	2-chips InGaN	Super-Brightness Green	
SEL-22D-230V-Blue	230V AC only	20mA Max.	4-chips InGaN	Super-Brightness Blue	
SEL-22D-230V-White+	230V AC only	20mA Max.	3-chips InGaN	Super-Brightness White	
#SEL-22D-230V-Green	230V AC only	20mA Max.	12-chips	Standard-Brightness Green	
#SEL-22D-230V-White	230V AC only	20mA Max.	12-chips	Standard-Brightness White	
SEL-22D-380V-Red	380V AC only	20mA Max.	12-chips	Super-Brightness Red	
SEL-22D-380V-Amber	380V AC only	20mA Max.	12-chips	Super-Brightness Amber	
SEL-22D-380V-Green+	380V AC only	20mA Max.	2-chips InGaN	Super-Brightness Green	
SEL-22D-380V-Blue	380V AC only	20mA Max.	4-chips InGaN	Super-Brightness Blue	
SEL-22D-380V-White+	380V AC only	20mA Max.	3-chips InGaN	Super-Brightness White	
#SEL-22D-380V-Green	380V AC only	20mA Max.	12-chips	Standard-Brightness Green	
#SEL-22D-380V-White	380V AC only	20mA Max.	12-chips	Standard-Brightness White	

# Low-cost, alternative types for Super-Bright Green & Super-Bright White, for use in low-ambient light environment and other non-critical applications.

Super-bright Green, Super-bright Blue and Super-Bright White types use hi-tech patented super-bright InGaN LED chips from USA or Japan.

## Approximate Current

Remarks: Due to continuous development and improvement, all specifications and availability are subject to change without notice.

# Super-Bright Multi-Chip-LED

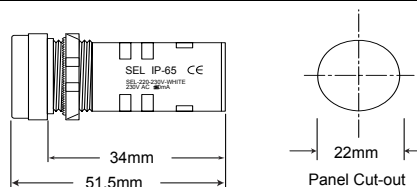


## 22Ømm Super-Bright Multi-Chip-LED General Purpose Pilot Lights for 12V, 24V, 36V & 48V AC/DC Operation

22Ømm LED Pilot Lights

Part Number : SEL-22D-XXXV-XXXXX

12V-48V AC/DC Operating-Current  $I_o = 20mA - 80mA##$



EDA Instruments & Systems Co.,Ltd. E-mail:

### Features & Application

- 22mmØ Super-Bright Multi-chip LED pilot lamps with Polycarbonate Lens & White diffuser/Legend-insert.
- Available in Super-Bright Red, Amber, Green, Blue, White and Low-cost Standard-Bright Green and Pseudo-White
- Shock-resi

EDA Part No.	Operating Voltage	Current##	No. of Chips	Colour	Remark
SEL-22D-12V-Red	12V AC/DC	≤80mA	12-chips	Super-Brightness Red	
SEL-22D-12V-Amber	12V AC/DC	≤80mA	12-chips	Super-Brightness Amber	
SEL-22D-12V-Green+	12V AC/DC	≤20mA	2-chips InGaN	Super-Brightness Green	
SEL-22D-12V-Blue	12V AC/DC	≤20mA	4-chips InGaN	Super-Brightness Blue	
SEL-22D-12V-White+	12V AC/DC	≤20mA	3-chips InGaN	Super-Brightness White	
#SEL-22D-12V-Green	12V AC/DC	≤80mA	12-chips	Standard-Brightness Green	
#SEL-22D-12V-White	12V AC/DC	≤80mA	12-chips	Standard-Brightness White	
SEL-22D-24V-Red	24V AC/DC	≤80mA	12-chips	Super-Brightness Red	
SEL-22D-24V-Amber	24V AC/DC	≤80mA	12-chips	Super-Brightness Amber	
SEL-22D-24V-Green+	24V AC/DC	≤20mA	2-chips InGaN	Super-Brightness Green	
SEL-22D-24V-Blue	24V AC/DC	≤20mA	4-chips InGaN	Super-Brightness Blue	
SEL-22D-24V-White+	24V AC/DC	≤20mA	3-chips InGaN	Super-Brightness White	
#SEL-22D-24V-Green	24V AC/DC	≤80mA	12-chips	Standard-Brightness Green	
#SEL-22D-24V-White	24V AC/DC	≤80mA	12-chips	Standard-Brightness White	
SEL-22D-36V-Red	36V AC/DC	≤20mA	12-chips	Super-Brightness Red	
SEL-22D-36V-Amber	36V AC/DC	≤20mA	12-chips	Super-Brightness Amber	
SEL-22D-36V-Green+	36V AC/DC	≤20mA	2-chips InGaN	Super-Brightness Green	
SEL-22D-36V-Blue	36V AC/DC	≤20mA	4-chips InGaN	Super-Brightness Blue	
SEL-22D-36V-White+	36V AC/DC	≤20mA	3-chips InGaN	Super-Brightness White	
#SEL-22D-36V-Green	36V AC/DC	≤20mA	12-chips	Standard-Brightness Green	
#SEL-22D-36V-White	36V AC/DC	≤20mA	12-chips	Standard-Brightness White	
SEL-22D-48V-Red	48V AC/DC	≤20mA	12-chips	Super-Brightness Red	
SEL-22D-48V-Amber	48V AC/DC	≤20mA	12-chips	Super-Brightness Amber	
SEL-22D-48V-Green+	48V AC/DC	≤20mA	2-chips InGaN	Super-Brightness Green	
SEL-22D-48V-Blue	48V AC/DC	≤20mA	4-chips InGaN	Super-Brightness Blue	
SEL-22D-48V-White+	48V AC/DC	≤20mA	3-chips InGaN	Super-Brightness White	
#SEL-22D-48V-Green	48V AC/DC	≤20mA	12-chips	Standard-Brightness Green	
#SEL-22D-48V-White	48V AC/DC	≤20mA	12-chips	Standard-Brightness White	

# Low-cost, alternative types for Super-Bright Green & Super-Bright White, for use in low-ambient light environment and other non-critical applications.

Super-bright Green, Super-bright Blue and Super-Bright White types use hi-tech patented super-bright InGaN LED chips from USA or Japan. ## Approximate Current

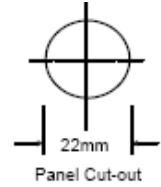
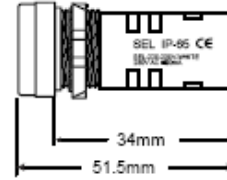
Remarks: Due to continuous development and improvement, all specifications and availability are subject to change without notice.

# Super-Bright Multi-Chip-LED



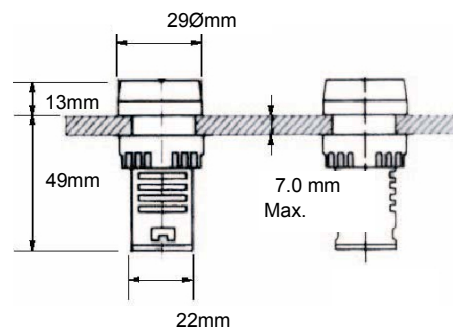
**22Ømm Super-Bright Multi-Chip-LED General Purpose  
Pilot Lights for 12V, 24V, 48V, 130V & 220 AC/DC Operation**

Part Number :  
ADD22-22DS-XXV-  
XXXXX



Part Number	Operating Voltage	Current##	No. of Chips	Colour	Remark
AD22-22DS-12V-Blue	12V AC/DC	≤20mA	4-chips InGaN	Super-Brightness Blue	
AD22-22DS-12V-Green	12V AC/DC	≤20mA	12-chips	Super-Brightness Green	
AD22-22DS-12V-Red	12V AC/DC	≤80mA	12-chips	Super-Brightness Red	
AD22-22DS-12V-White	12V AC/DC	≤20mA	3-chips InGaN	Super-Brightness White	
AD22-22DS-12V-Yellow	12V AC/DC	≤80mA	12-chips	Super-Brightness Yellow	
AD22-22DS-24V-Blue	24V AC/DC	≤20mA	4-chips InGaN	Super-Brightness Blue	
AD22-22DS-24V-Green	24V AC/DC	≤20mA	12-chips	Super-Brightness Green	
AD22-22DS-24V-Red	24V AC/DC	≤80mA	12-chips	Super-Brightness Red	
AD22-22DS-24V-White	24V AC/DC	≤20mA	3-chips InGaN	Super-Brightness White	
AD22-22DS-24V-Yellow	24V AC/DC	≤80mA	12-chips	Super-Brightness Yellow	
AD22-22DS-48V-Blue	48V AC/DC	≤20mA	4-chips InGaN	Super-Brightness Blue	
AD22-22DS-48V-White	48V AC/DC	≤20mA	2-chips InGaN	Super-Brightness White	
AD22-22DS-48V-Green	48V AC/DC	≤20mA	12-chips	Super-Brightness Green	
AD22-22DS-48V-Red	48V AC/DC	≤20mA	3-chips InGaN	Super-Brightness Red	
AD22-22DS-48V-Yellow	48V AC/DC	≤20mA	12-chips	Super-Brightness Yellow	
AD22-22DS-130V-Blue	130V AC/DC	20mA.Max.	4-chips InGaN	Super-Brightness Blue	
AD22-22DS-130V-Green	130V AC/DC	20mA.Max.	12-chips	Super-Brightness Green	
AD22-22DS-130V-Red	130V AC/DC	20mA.Max.	12-chips	Super-Brightness Red	
AD22-22DS-130V-White	130V AC/DC	20mA.Max.	3-chips InGaN	Super-Brightness White	
AD22-22DS-130V-Yellow	130V AC/DC	20mA.Max.	12-chips	Super-Brightness Yellow	
AD22-22DS-220V-Green	220V AC/DC	20mA.Max.	4-chips InGaN	Super-Brightness Green	
AD22-22DS-220V-Blue	220V AC/DC	20mA.Max.	12-chips	Super-Brightness Blue	
AD22-22DS-220V-Red	220V AC/DC	20mA.Max.	12-chips	Super-Brightness Red	
AD22-22DS-220V-White	220V AC/DC	20mA.Max.	3-chips InGaN	Super-Brightness White	
AD22-22DS-220V-Yellow	220V AC/DC	20mA.Max.	12-chips	Super-Brightness Yellow	
AD22-22DS-380V-Red	380V AC	20mA.Max.	12-chips	Super-Brightness Red	
AD22-22DS-380V-Yellow	380V AC	20mA.Max.	12-chips	Super-Brightness Yellow	
AD22-22DS-380V-Green	380V AC	20mA.Max.	12-chips	Super-Brightness Green	
AD22-22DS-380V-Blue	380V AC	20mA.Max.	4-chips InGaN	Super-Brightness Blue	
AD22-22DS-380V-White	380V AC	20mA.Max.	12-chips	Super-Brightness White	

## 22Ømm Flashing & Buzzer with Flashing Pilot Light



AD22-22SM 24V	22 mm Flashing Pilot Light 24VAC/DC - 2xLED Red	
AD22-22SM 130V	22 mm Flashing Pilot Light 130VAC - 2xLED Red	
AD22-22SM 230V	22 mm Flashing Pilot Light 230VAC - 2xLED Red	

# 22Ømm Flashing Pilot-light only, Buzzer only



## & Buzzer with Flashing Pilot Light

**SEL 22mmØ Pilot Light & Matching Accessories**

**Part Number : SEL-22D-XX-XXXV**

### Matching panel mount device for SEL Multi-chip LED Pilot Lights

Figure 1	Figure 2	Figure 3	
<p>Buzzer + Self-Flashing Pilot</p> <p>80db at 10 cm Current: 15-20mA</p>	<p>Panel Mount Buzzer</p> <p>80db at 10cm Current: 15-20mA</p>	<p>Self-Flashing Pilot Lamp</p> <p>Flash Rate: 2Hz Current: 15-20mA</p>	

*Available with matching 22Ømm Multi-chip Pilot Lights in Red, Green, Blue, Amber & White  
Please e-mail to [info@eda.co.th](mailto:info@eda.co.th) for data sheet for matching multi-chip Pilot lights*

Cooper Part No.	Operating Volts	Device-1 Buzzer	Device-2 Flashing Indicator	Figure No. and Colour	Remark
SEL-22D-FS-24V	24V AC/DC	N.A.	2x LED Red	Fig. 1 Red Lens	
SEL-22D-FS-36V	36V AC/DC	N.A.	2x LED Red	Fig. 1 Red Lens	
SEL-22D-FS-48V	48V AC/DC	N.A.	2x LED Red	Fig. 1 Red Lens	
SEL-22D-FS-130V	110-130V AC/DC	N.A.	2x LED Red	Fig. 1 Red Lens	
SEL-22D-FS-230V	230V AC only	N.A.	2x LED Red	Fig. 1 Red Lens	
SEL-22D-FS-380V	380V AC only	N.A.	2x LED Red	Fig. 1 Red Lens	
SEL-22D-BZ-24V	24V AC/DC	Buzzer	N.A.	Fig. 2 Black	
SEL-22D-BZ-36V	36V AC/DC	Buzzer	N.A.	Fig. 2 Black	
SEL-22D-BZ-48V	48V AC/DC	Buzzer	N.A.	Fig. 2 Black	
SEL-22D-BZ-130V	110-130V AC/DC	Buzzer	N.A.	Fig. 2 Black	
SEL-22D-BZ-230V	230V AC only	Buzzer	N.A.	Fig. 2 Black	
SEL-22D-BZ-380V	380V AC only	Buzzer	N.A.	Fig. 2 Black	
SEL-22D-BF-24V	24V AC/DC	Buzzer	2x LED Red	Fig. 3 Red Lens	
SEL-22D-BF-36V	36V AC/DC	Buzzer	2x LED Red	Fig. 3 Red Lens	
SEL-22D-BF-48V	48V AC/DC	Buzzer	2x LED Red	Fig. 3 Red Lens	
SEL-22D-BF-130V	110-130V AC/DC	Buzzer	2x LED Red	Fig. 3 Red Lens	
SEL-22D-BF-230V	230V AC only	Buzzer	2x LED Red	Fig. 3 Red Lens	
SEL-22D-BF-380V	380V AC only	Buzzer	2x LED Red	Fig. 3 Red Lens	

**Remarks:**

- a) Due to continuous development and improvement, all specifications & availability are subject to change without notice
- b) Flashing or Blinking Rate: approx. 2 Hz.
- c) Buzzer Tone may vary slightly from unit to unit..

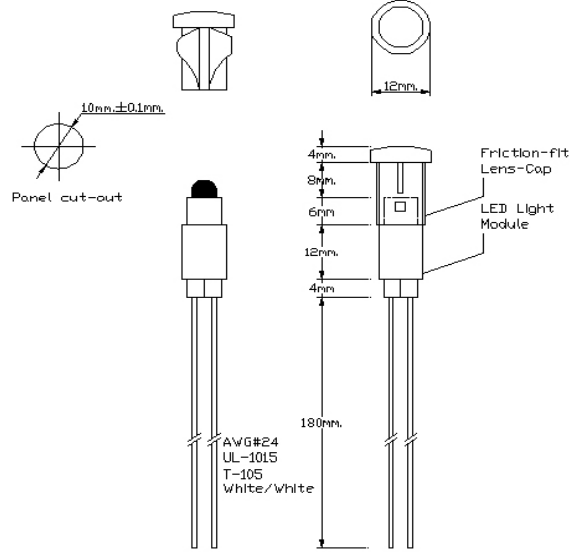


# High-Bright Snap-fit LED Indicator



High-Bright Snap-fit LED Indicator for  
10Ø mm Panel cut-out

Part Number  
**SDL - NI09 - XXX**



Mounting: 10Ømm hole  
Panel thickness: 0.8-2.5mm

Lens-cap Material: Polycarbonate  
Lamp-module: Polycarbonate or Nylon 66  
PVC wire: AWG#24 UL/CSA Approved  
UL-1015T-105°C 500V Rated

Cooper Model	Operating Voltage & Current	Lens Colour	LED Colour	Typ. mcd	Remark
SDL-NI09-R12	12-14V AC/DC 8-15 mA	RED	Super-Bright Red 660nm	1007-1890	
SDL-NI09-G12	12-14V AC/DC 8-15 mA	#GREEN	Super-Bright Green 525nm	1080-2025	
SDL-NI09-Y12	12-14V AC/DC 8-15 mA	YELLOW	Super-Bright Yellow 586nm	960-1800	
SDL-NI09-B12	12-14V AC/DC 8-15 mA	#BLUE	Super-Bright Blue 470nm	900-1687	
SDL-NI09-R24	24-30V AC/DC 6-10 mA	RED	Super-Bright Red 660nm	757-1262	
SDL-NI09-G24	24-30V AC/DC 6-10 mA	#GREEN	Super-Bright Green 525nm	810-1350	
SDL-NI09-Y24	24-30V AC/DC 6-10 mA	YELLOW	Super-Bright Yellow 586nm	720-1200	
SDL-NI09-B24	24-30V AC/DC 6-10 mA	#BLUE	Super-Bright Blue 470nm	657-1125	
SDL-NI09-R130	110-130 AC 3.0 mA	RED	Super-Bright Red 660nm	370	
SDL-NI09-G130	110-130 AC 3.0 mA	#GREEN	Super-Bright Green 525nm	405	
SDL-NI09-Y130	110-130 AC 3.0 mA	YELLOW	Super-Bright Yellow 586nm	360	
SDL-NI09-B130	110-130 AC 3.0 mA	#BLUE	Super-Bright Blue 470nm	337	
SDL-NI09-R230	200-230 AC 3.0 mA	RED	Super-Bright Red 660nm	370	
SDL-NI09-G230	200-230 AC 3.0 mA	#GREEN	Super-Bright Green 525nm	405	
SDL-NI09-Y230	200-230 AC 3.0 mA	YELLOW	Super-Bright Yellow 586nm	360	
SDL-NI09-B230	200-230 AC 3.0 mA	#BLUE	Super-Bright Blue 470nm	337	

**NOTE:** Items marked with # sign are sensitive to electrostatic electricity.  
Recommend use of 470K bleeding resistor across indicator terminals.