

■Description

- LED Kit contains pre-wired LEDs, resistors and mounting clips
- 160pcs are supplied in a storage box
- Easy to use and storage
- Widely applied to DIY projects, school science experiments, car decorations, etc.

■Features

- 5mm standard 30° LED with 200±10mm wire
- UV resistant epoxy
- Red/Yellow/Yellow Green/Blue/Warm White/Cool White
- Color diffused/Water clear
- Resistors are used to limit current flow
- Single part clips for mounting

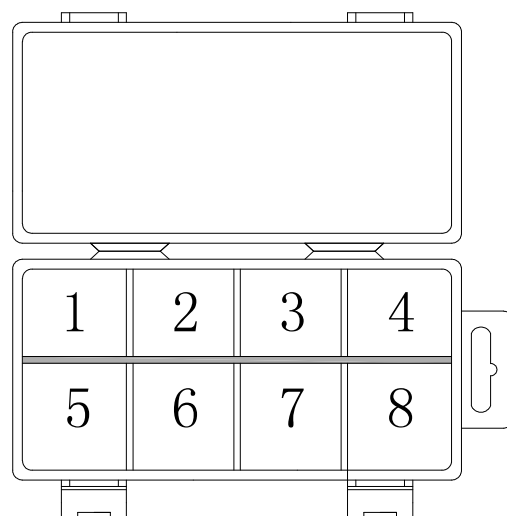
■ Product Picture

160pcs/Box (Dimensions: 200*135*45mm)



■Kit Contents

Section	Contents	Pcs	P/N	Spec
1	5mm Pre-wired LED, Red,	10	OSR65134A-W20	Page 2
2	5mm Pre-wire LED, Yellow	10	OSY55134A-W20	
3	5mm Pre-wired LED, Blue	10	OSB55134A-W20	
4	5mm Pre-wired LED, Yellow Green	10	OSG85134A-W20	
5	5mm Pre-wired LED, Warm White	10	OSM55131A-W20	
6	5mm Pre-wired LED, Cool White	10	OSW55131A-W20	
7	5mm LED Mounting Clip	60		Page 3
8	220Ω Carbon Film Resistor, 0.25W±0.5%	10		Page 4
	470Ω Carbon Film Resistor, 0.25W±0.5%	10		
	680Ω Carbon Film Resistor, 0.25W±0.5%	10		
	1000Ω Carbon Film Resistor, 0.25W±0.5%	10		





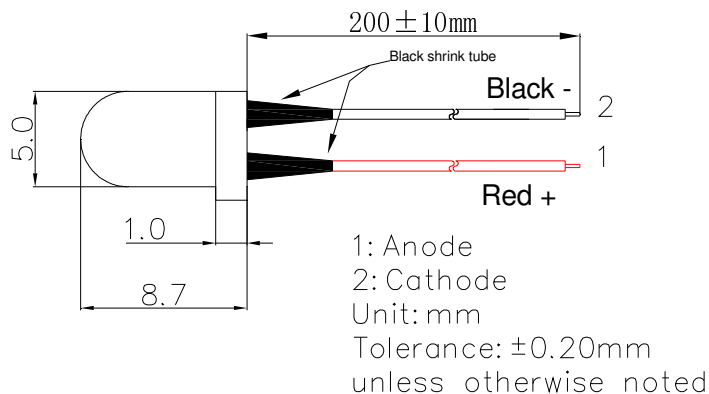
■Description

- Wire length:200±10mm
- 5mm round standard 30° directivity
- UV resistant epoxy
- Available in all colors

■Applications

- General purpose indicators
- Small area illuminations
- Christmas light
- Backlighting

■Outline Dimension

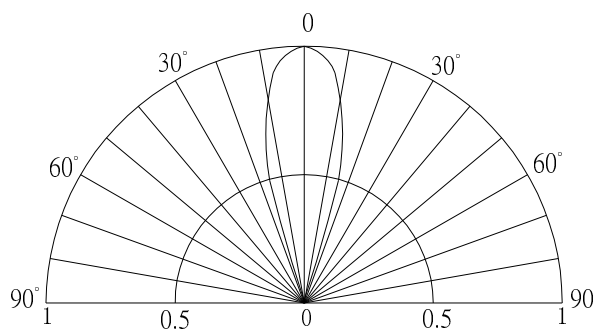


■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value		Value
		B/M/W	R/Y/YG	
DC Forward Current	I _F	30	30	mA
Pulse Forward Current#	I _{FP}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _D	102	72	mW
Operating Temperature	T _{opr}	-30 ~ +85		℃
Storage Temperature	T _{stg}	-40 ~ +100		℃
Lead Soldering Temperature	T _{sol}	260℃/5sec		-

#Pulse width Max.10ms Duty ratio max 1/10

■Directivity



■Electrical -Optical Characteristics (Ta=25℃)

5mm Pre-wired LED						
LED P/N	OSR65134A-W20	OSY55134A-W20	OSG85134A-W20	OSB55134A-W20	OSM55131A-W20	OSW55131A-W20
Light Color	Red	Yellow	Yellow Green	Blue	Warm White	Cool White
Lens Color	Red Diffused	Yellow Diffused	Green Diffused	Blue Diffused	Water Clear	Water Clear
Wavelength*1/Color Temperature*2	620-640nm	585-595nm	565-575nm	462.5-472.5nm	2700-3300K	8500-18000K
Luminous Intensity(typ.)*3	420mcd	420mcd	90mcd	2180mcd	19000mcd	19000mcd
Forward Voltage*4	1.8-2.4V	1.8-2.4V	1.8-2.4V	2.7-3.4V	2.7-3.4V	2.7-3.4V
Forward Current	20mA	20mA	20mA	20mA	20mA	20mA
Viewing Angle(typ.)	30°	30°	30°	30°	30°	30°
Wire length(mm)	200±10	200±10	200±10	200±10	200±10	200±10
Quantity(pcs)/Box	10	10	10	10	10	10

*1 Tolerance of measurements of dominant wavelength is ±1nm

*2 Tolerance of measurements of color temperature is ±10%

*3 Tolerance of measurements of luminous intensity is ±15%

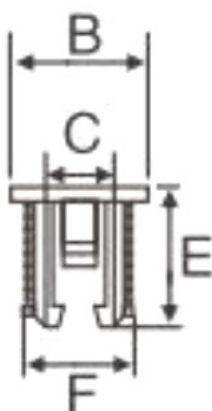
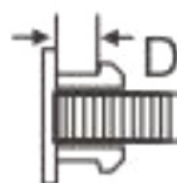
*4 Tolerance of measurements of forward voltage is ±0.1V

Material	NYLON66
Color	Black
Fireproofing Grade	94V-2
Tolerance	±0.2mm

■Product Information & Outline Dimension:

Item	A	B	C	D	E	F
3mm LED Mounting Clip	Φ4.5	Φ6.0	Φ3.1	1.4	6.0	Φ4.4
5mm LED Mounting Clip	Φ6.4	Φ7.8	Φ5.1	1.5	7.5	Φ6.0

Unit: mm



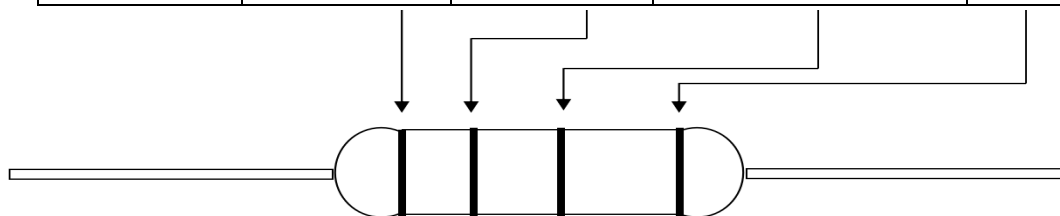
Drilling machine plate

■ Specifications

Power Rating	Maximum Working Voltage	Maximum Overload Voltage	Dimension (mm)					Resistance Range
			A	B	C	D	E	
1/4W	250V	500V	45±3	19.5±3	6.0±1	0.35±0.1	2.3±0.3	0.1E-22M

■ Color Coding

Color	1 st digit	2 nd digit	Multiplier	Tolerance
Black	0	0	1Ω	
Silver			0.01Ω	±10%
Golden			0.1Ω	±5%
Brown	1	1	10Ω	±1%
Red	2	2	100Ω	±2%
Orange	3	3	1KΩ	
Yellow	4	4	10KΩ	
Green	5	5	100KΩ	±0.5%
Blue	6	6	1MΩ	±0.25%
Violet	7	7	10MΩ	±0.1%
Gray	8	8		
White	9	9		



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Optosupply](#) manufacturer:

Other Similar products are found below :

[OSB5SA5111A-CRLED16](#) [OSB5SA83C1A](#) [OSX10201-YGR1](#) [OS5YKP5111A](#) [OS5YPM8131A](#) [OS5YAA5HA4D-1-ST](#) [OS6OGA5B61P](#)
[OSW5DK5A31A-CRLED18](#) [OSY5PA5A31A-1MA](#) [OSB4YU39B4B](#) [OSO5JA3FE1B-12V](#) [OKLEDT30606A](#) [OSPT9054X3A](#)
[OKLEDT5050RPW](#) [OSL10564-IB](#) [OSO5PA58A1B-12V](#) [OKLEDT8050G5W](#) [OKLEDT8050RPW](#) [OSGGD251A5A](#) [OKLEDT3050RBW](#)
[OSYYP251A5A](#) [OKLEDT5050B5W](#) [OSB5DA3HA1F](#) [OSYBP2A131A](#) [OKLEDT3050RBV](#) [OKLEDT3050WAW](#) [OSL12306-16-IRA](#)
[OSY5MP5A34A-6.8HZ](#) [OKLEDT5050RBV](#) [OKLEDT8050RBV](#) [OKLEDT3050RPW](#) [OKLEDT5050WAV](#) [OSWRP23962B](#)
[OKLEDT5050TAW](#) [OKLEDT8050G5V](#) [OKLEDT8050WAW](#) [OSY5MSA131A](#) [OSXD2201-AGA](#) [OKLEDT3050RPV](#) [OKLEDT5050RBW](#)
[OSL10601-IRA](#) [OSCM4TS4C1A](#) [OSM5XAHEE1E](#) [OS6OGA3131P](#) [OSL10564-IYG](#) [OSO5PA56A1A-CRLED14](#) [OSRGH23NE2A](#)
[OST1MCA132A](#) [OKLEDT31206A](#) [OSPTYJ53X2T](#)