LED Indicators ~ Panel ~ Dome Lens

SSI-LXH312XD-150 Series — T-3mm Black Panel Indicator, 6" Leads
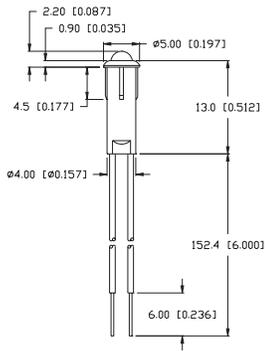
2.20 [0.087]
0.90 [0.035]
Ø5.00 [0.197]
4.5 [0.177]
13.0 [0.512]
Ø4.00 [0.157]
[152.4 [6.000]
6.00 [0.236]

PANEL CUTOUT: Ø0.170" - Ø0.174"
PANEL THICKNESS: 0.03" MIN
TERMINATION: 6" 26 AWG Leads

FEATURES / OPTIONS
▶ State-of-the-Art, High Brightness LED Chip Technology
▶ Choice of LED Colors and Lens Finishes
▶ Bi-Color Styles Optional
▶ Insulated Lead Lengths Optional
▶ Easy Installation Through Panel
▶ Small Volumes Acceptable
▶ Available Without Insulated Leads (Bare LED Pins)
▶ Blinking LED
▶ With Internal Resistor for 5V and 12V Operation
▶ With Connector

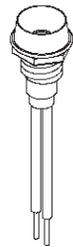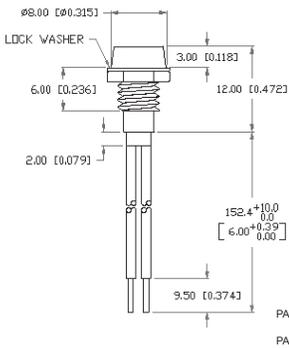### APPLICATIONS / USES
▶ Front Panel Status Indicators
▶ Alarm/Warning Indicators
▶ Front Panel Circuit Fault Indicators
▶ Instrument Control Panels
▶ Medical Diagnostics Indicators
▶ Industrial Automation Control Panels

Lumex Part Number	Die Material	Emitted Color	Peak (nm)	Lens	Operating Current (mA)	Operating TYP. Vf (V)	Brightness TYP. Mcd	@ mA	View Angle° 2θ	Component LED Used
HIGH BRIGHTNESS										
SSI-LXH312SID-150	AlInGaP	Super High Intensity Red	636	Red Diffused	5-25	2	100	20	60	SSL-LX3044SID
SSI-LXH312SOD-150	AlInGaP	Super Orange	610	Orange Diffused	5-25	2	100	20	60	SSL-LX3044SOD
SSI-LXH312SUGD-150	AlInGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	60	20	60	SSL-LX3044SUGD
SSI-LXH312SYD-150	AlInGaP	Super Yellow	590	Yellow Diffused	5-25	2	100	20	60	SSL-LX3044SYD
SSI-LXH312USBD-150	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	200	20	60	SSL-LX3044USBD
SSI-LXH312UWW-150	InGaN/SiC	Ultra White	-	White Diffused	5-25	3.5	500	20	30	SSL-LX3044UWW
STANDARD BRIGHTNESS										
SSI-LXH312GD-150	GaP	Green	565	Green diffused	5-25	2.2	40	20	60	SSL-LX3044GD
SSI-LXH312ID-150	GaAsP	High Intensity Red	635	Red Diffused	5-25	2	50	20	60	SSL-LX3044ID
SSI-LXH312SRD-150	GaAlAs	Super Red	660	Red Diffused	5-25	1.7	150	20	60	SSL-LX3044SRD
SSI-LXH312YD-150	GaAsP	Yellow	585	Yellow Diffused	5-25	2.1	40	20	60	SSL-LX3044YD

SSI-LXR1612XX-150 Series — T-3mm Chrome Indicator, Recessed LED, 6" Leads

Ø8.00 [0.315]
LOCK WASHER
3.00 [0.118]
6.00 [0.236]
12.00 [0.472]
2.00 [0.079]
152.4 +10.0 0.0 [6.00 +0.39 0.00]
9.50 [0.374]

PANEL CUTOUT: .244"
PANEL THICKNESS: 2.50mm Max

FEATURES / OPTIONS
▶ State-of-the-Art, High Brightness LED Chip Technology
▶ Choice of LED Colors and Lens Finishes
▶ Bi-Color Styles Optional
▶ Insulated Lead Lengths Optional
▶ Easy Installation Through Panel
▶ Small Volumes Acceptable
▶ Available Without Insulated Leads (Bare LED Pins)
▶ Black Anodized Holder Optional
▶ Blinking LED
▶ With Internal Resistor for 5V and 12V Operation
▶ With Connector

APPLICATIONS / USES
▶ Front Panel Status Indicators
▶ Alarm/Warning Indicators
▶ Front Panel Circuit Fault Indicators
▶ Instrument Control Panels
▶ Medical Diagnostics Indicators
▶ Industrial Automation Control Panels

Lumex Part Number	Die Material	Emitted Color	Peak (nm)	Lens	Operating Current (mA)	Operating TYP. Vf (V)	Brightness TYP. Mcd	@ mA	View Angle° 2θ	Component LED Used
HIGH BRIGHTNESS										
SSI-LXR1612SID-150	AlInGaP	Super High Intensity Red	636	Red Diffused	5-25	2	100	20	60	SSL-LX3054SID
SSI-LXR1612SOD-150	AlInGaP	Super Orange	610	Orange Diffused	5-25	2	100	20	60	SSL-LX3054SOD
SSI-LXR1612SUGD-150	AlInGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	180	20	60	SSL-LX3054SUGD
SSI-LXR1612SYD-150	AlInGaP	Super Yellow	590	Yellow Diffused	5-25	2	250	20	60	SSL-LX3054SYD
SSI-LXR1612USBD-150	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	80	20	60	SSL-LX3054USBD
SSI-LXR1612UWW-150	InGaN/SiC	Ultra White	-	White Diffused	5-25	3.5	500	20	30	SSL-LX3054UWW
STANDARD BRIGHTNESS										
SSI-LXR1612GD-150	GaP	Green	565	Green diffused	5-25	2.2	40	20	60	SSL-LX3054GD
SSI-LXR1612ID-150	GaAsP	High Intensity Red	635	Red Diffused	5-25	2	40	20	60	SSL-LX3054ID
SSR-LXR1612SRD-150	GaAlAs	Super Red	660	Red Diffused	5-25	1.7	80	20	60	SSL-LX3054SRD
SSI-LXR1612YD-150	GaAsP	Yellow	585	Yellow Diffused	5-25	2.1	12	20	60	SSL-LX3054YD

USA/Canada +1-800-278-5666
Europe +49-6081-964380
Asia +886-3-5821124

www.lumex.com

USA/Canada +1-847-359-8904
Europe +49-6081-964381
Asia +886-3-5821154

107

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29