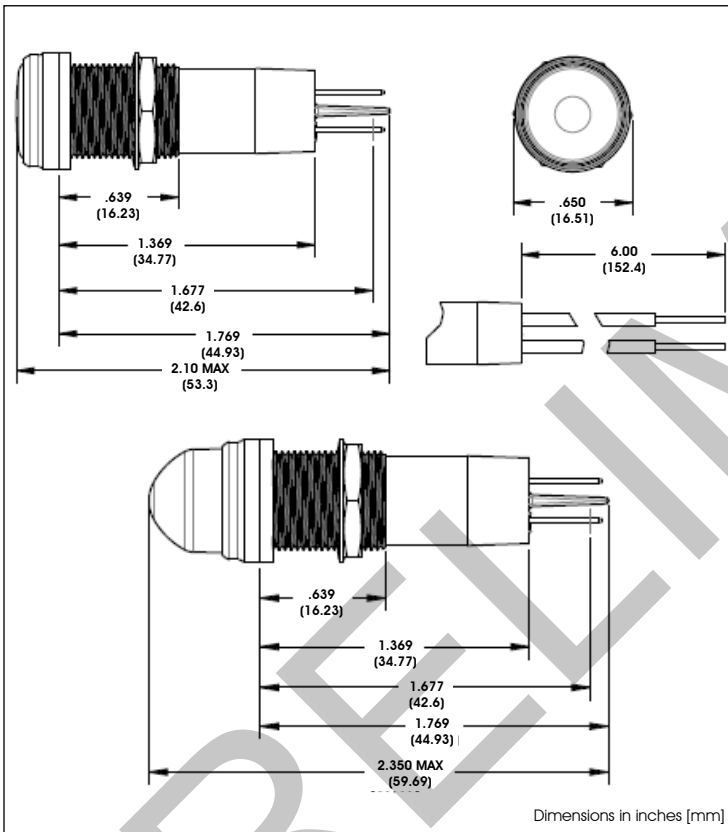# Dialight

656 Series
High Intensity LED
Panel Mount Indicators
For 1/2" Mounting Hole

Application:

The 656 Series ½" LED Panel Mount Indictors incorporate both In-GaN and AlInGap technologies to offer super bright intensities in a full range of colors and voltages. This is a highly durable package, designed to withstand outdoor applications susceptible to rain, dust and sunlight.

- Instrument panels
- Safety applications
- UL 508 panel Applications
- Power Generation
- Transportation – rail, bus, airline

...and many more!

.639 (16.23)
1.369 (34.77)
1.677 (42.6)
1.769 (44.93)
2.10 MAX (53.3)
.650 (16.51)
6.00 (152.4)

.639 (16.23)
1.369 (34.77)
1.677 (42.6)
1.769 (44.93)
2.350 MAX (59.69)

Dimensions in inches [mm]

Mechanical Information

Mounting Hole Size:	0.5" (12.7mm)
Max Panel Thickness:	.600" (15.24 mm)
Mounting Torque:	40 in-lbs torque

Electrical specifications

Operating Voltage:	12 to 125VDC and 125, 230VAC
Operating Temp:	-30°C to +85°C
Storage Temp:	-40°C to +100°C
Electrical connection:	110 Faston Quick connect terminals or 6" wire leads

Construction

Housing:	Nickel Plated Brass
Lens Material:	Transparent Polycarbonate (UL 94V-0)
Terminals:	Tin over Brass
Wire leads:	18 AWG
Lock washer:	Phosphor Bronze – White Nickel Plated
Nut:	Brass – White Nickel Plated

Certifications & Ratings
- UL1598
- NEMA 4x IP66
- RoHS Compliant - w/6C Exemption

Features and Benefits
- Long life – typically 100K hours
- Daylight viewable
- Tamperproof/Designed for high durability
- Available in red, yellow, green, and blue
- Low profile flat (viewing angle: 50)
- Wide angle domed (viewing angle: TBD)

RoHS COMPLIANT

A4703

UL REGISTERED FIRM
Dialight Corporation

ISO 9001

656 Series

High Intensity LED • Panel Mount Indicators

For 1/2" Mounting Hole

656-	XXXX	-	3	0	X	F
	LED Code				Connectors	

Connectors
3 = 6" WIRE LEAD (18 AWG)
4 = BLADE TERMINALS (110 FASTON QUICK CONNECTS)

LED Code	Lens Style*	Color	Voltage	Voltage Type	Current (MA)
1103	Flat	RED	12	VDC	18
1203	Flat	GREEN	12	VDC	16
1303	Flat	YELLOW	12	VDC	18
1403	Flat	BLUE	12	VDC	16
1104	Flat	RED	24	VDC	20
1204	Flat	GREEN	24	VDC	20
1304	Flat	YELLOW	24	VDC	20
1404	Flat	BLUE	24	VDC	20
1106	Flat	RED	28	VDC	19
1206	Flat	GREEN	28	VDC	18
1306	Flat	YELLOW	28	VDC	19
1406	Flat	BLUE	28	VDC	18
1105	Flat	RED	120	VDC/AC	5
1205	Flat	GREEN	120	VDC/AC	5
1305	Flat	YELLOW	120	VDC/AC	5
1405	Flat	BLUE	120	VDC/AC	5
1109	Flat	RED	230	VAC	3
1209	Flat	GREEN	230	VAC	3
1309	Flat	YELLOW	230	VAC	3
1409	Flat	BLUE	230	VAC	3

*For domed lens style: replace the 1st digit with "3". For example: **3**103

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