



LED LIGHT BAR & BAR GRAPH ARRAYS

| Digit Size | Part No. | | Chip | | Absolute Maximum Ratings | | | | Electro-optical Data(At 10mA) | | | Drawing No. |
|--------------------------|--------------|----------------------|------------------------|-----------------------------------|--------------------------|---------|---------|----------|-------------------------------|------|-------------------------|-------------|
| | Common Anode | Common Cathode | Material/Emitted Color | Peak Wave Length λ_p (nm) | $\Delta \lambda$ (nm) | Pd (mw) | If (mA) | Ifp (mA) | Vf (v) | | Iv. Typ. Per.Seg. (mcd) | |
| | | | | | | | | | Typ. | Max. | | |
| 7.50*13.9mm Light Bar | BA-2R2UW | | GaAsP/Red | 655 | 40 | 80 | 40 | 200 | 1.7 | 2.0 | 3.0 | AD-07 |
| | BA-2H2UW | | GaP/ Bright Red | 700 | 90 | 40 | 15 | 50 | 2.2 | 2.5 | 4.0 | |
| | BA-2G2UW | | GaP/ Green | 568 | 30 | 80 | 30 | 150 | 2.2 | 2.5 | 9.0 | |
| | BA-2Y2UW | | GaAsP/GaP/ Yellow | 585 | 35 | 80 | 30 | 150 | 2.1 | 2.5 | 8.0 | |
| | BA-2E2UW | | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 80 | 30 | 150 | 2.0 | 2.5 | 9.0 | |
| | | | GaAsP/GaP/ Orange | | | | | | | | | |
| | BA-2S2UW | | GaAlAs/ SH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 15.0 | |
| BA-2D2UW | | GaAlAs/ DH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 18.0 | | |
| 10.0*20.2mm Light Bar | BA-8R6UW | | GaAsP/Red | 655 | 40 | 80 | 40 | 200 | 1.7 | 2.0 | 5.0 | AD-08 |
| | BA-8H6UW | | GaP/ Bright Red | 700 | 90 | 40 | 15 | 50 | 2.2 | 2.5 | 6.0 | |
| | BA-8G6UW | | GaP/ Green | 568 | 30 | 80 | 30 | 150 | 2.2 | 2.5 | 12.0 | |
| | BA-8Y6UW | | GaAsP/GaP/ Yellow | 585 | 35 | 80 | 30 | 150 | 2.1 | 2.5 | 10.0 | |
| | BA-8E6UW | | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 80 | 30 | 150 | 2.0 | 2.5 | 12.0 | |
| | | | GaAsP/GaP/ Orange | | | | | | | | | |
| | BA-8S6UW | | GaAlAs/ SH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 16.0 | |
| BA-8D6UW | | GaAlAs/ DH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 20.0 | | |
| | BA-4R7UW | | GaAsP/Red | 655 | 40 | 80 | 40 | 200 | 1.7 | 2.0 | 3.0 | AD-09 |
| | BA-4H7UW | | GaP/ Bright Red | 700 | 90 | 40 | 15 | 50 | 2.2 | 2.5 | 6.0 | |
| | BA-4G7UW | | GaP/ Green | 568 | 30 | 80 | 30 | 150 | 2.2 | 2.5 | 8.0 | |
| | BA-4Y7UW | | GaAsP/GaP/ Yellow | 585 | 35 | 80 | 30 | 150 | 2.1 | 2.5 | 7.0 | |
| | BA-4E7UW | | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 80 | 30 | 150 | 2.0 | 2.5 | 8.0 | |
| | | | GaAsP/GaP/ Orange | | | | | | | | | |
| | BA-4S7UW | | GaAlAs/ SH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 12.0 | |
| BA-4D7UW | | GaAlAs/ DH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 15.0 | | |
| | BA-4R7UW-A | | GaAsP/Red | 655 | 40 | 80 | 40 | 200 | 1.7 | 2.0 | 3.0 | AD-10 |
| | BA-4H7UW-A | | GaP/ Bright Red | 700 | 90 | 40 | 15 | 50 | 2.2 | 2.5 | 6.0 | |
| | BA-4G7UW-A | | GaP/ Green | 568 | 30 | 80 | 30 | 150 | 2.2 | 2.5 | 8.0 | |
| | BA-4Y7UW-A | | GaAsP/GaP/ Yellow | 585 | 35 | 80 | 30 | 150 | 2.1 | 2.5 | 7.0 | |
| | BA-4E7UW-A | | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 80 | 30 | 150 | 2.0 | 2.5 | 8.0 | |
| | | | GaAsP/GaP/ Orange | | | | | | | | | |
| | BA-4S7UW-A | | GaAlAs/ SH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 12.0 | |
| BA-4D7UW-A | | GaAlAs/ DH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 15.0 | | |
| 15.0*15.0mm Light Bar | BA-4R7UW-B | | GaAsP/Red | 655 | 40 | 160 | 40 | 200 | 3.4 | 4.0 | 3.0 | AD-11 |
| | BA-4H7UW-B | | GaP/ Bright Red | 700 | 90 | 80 | 15 | 50 | 4.4 | 5.0 | 6.0 | |
| | BA-4G7UW-B | | GaP/ Green | 568 | 30 | 160 | 30 | 150 | 4.4 | 5.0 | 8.0 | |
| | BA-4Y7UW-B | | GaAsP/GaP/ Yellow | 585 | 35 | 160 | 30 | 150 | 4.2 | 5.0 | 7.0 | |
| | BA-4E7UW-B | | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 160 | 30 | 150 | 4.0 | 5.0 | 8.0 | |
| | | | GaAsP/GaP/ Orange | | | | | | | | | |
| | BA-4S7UW-B | | GaAlAs/ SH Super Red | 660 | 20 | 160 | 30 | 150 | 3.4 | 5.0 | 12.0 | |
| BA-4D7UW-B | | GaAlAs/ DH Super Red | 660 | 20 | 160 | 30 | 150 | 3.4 | 5.0 | 15.0 | | |
| | BA-4R7UW-C | | GaAsP/Red | 655 | 40 | 80 | 40 | 200 | 1.7 | 2.0 | 6.0 | AD-12 |
| | BA-4H7UW-C | | GaP/ Bright Red | 700 | 90 | 40 | 15 | 50 | 2.2 | 2.5 | 12.0 | |
| | BA-4G7UW-C | | GaP/ Green | 568 | 30 | 80 | 30 | 150 | 2.1 | 2.5 | 16.0 | |
| | BA-4Y7UW-C | | GaAsP/GaP/ Yellow | 585 | 35 | 80 | 30 | 150 | 2.1 | 2.5 | 14.0 | |
| | BA-4E7UW-C | | GaAsP/GaP/ Hi-Eff.Red | 635 | 45 | 80 | 30 | 150 | 2.0 | 2.5 | 16.0 | |
| | | | GaAsP/GaP/ Orange | | | | | | | | | |
| | BA-4S7UW-C | | GaAlAs/ SH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 20.0 | |
| BA-4D7UW-C | | GaAlAs/ DH Super Red | 660 | 20 | 80 | 30 | 150 | 1.7 | 2.5 | 24.0 | | |

LED LIGHT BAR & BAR GRAPH ARRAYS

| AD-07 BA- 2x2UW | AD-08 BA- 8x6UW |
|------------------|-------------------|
| | |
| AD-09 BA- 4x7UW | AD-10 BA- 4x7UW-A |
| | |
| AD-11 BA-4x7UW-B | AD-12 BA- 4x7UW-C |
| | |

NOTES: 1.All Dimensions are in millimeters(inches).
3.Specifications are subject to change without notice.

2.Tolerance is $\pm 0.25\text{mm}(.010")$.
4.NP:No Pin. 5.NC:No Connect.