

## Avago's 4mm / 5mm Oval Red / Green / Blue Through-Hole LEDs for Full Color Sign Applications



## Product Overview

5mm Extra Bright Oval 40x100 degrees LEDs

**HLMP-HD61- TXTZZ**

**HLMP-HM61- Y30ZZ**

**HLMP-HB61- QU0ZZ**

5mm Extra Bright Oval 30x70 degrees LEDs

**HLMP-AD61-X1TZZ**

**HLMP-AM61-Z30ZZ**

**HLMP-AB61-RU0ZZ**

4mm Extra Bright Oval 50x100 degrees LEDs

**HLMP-LD63- SWTZZ**

**HLMP-LM63- X20ZZ**

**HLMP-LB63- PT0ZZ**

These new Product-Families offer the same package for the red, green and blue LEDs. The new brightness ratio is 1:1.2 compared to previous 1:1.3



## 4mm Red / Green / Blue Oval LED Color Uniformity

346 Blue

346 Green

346 Red

