



# NOA1212

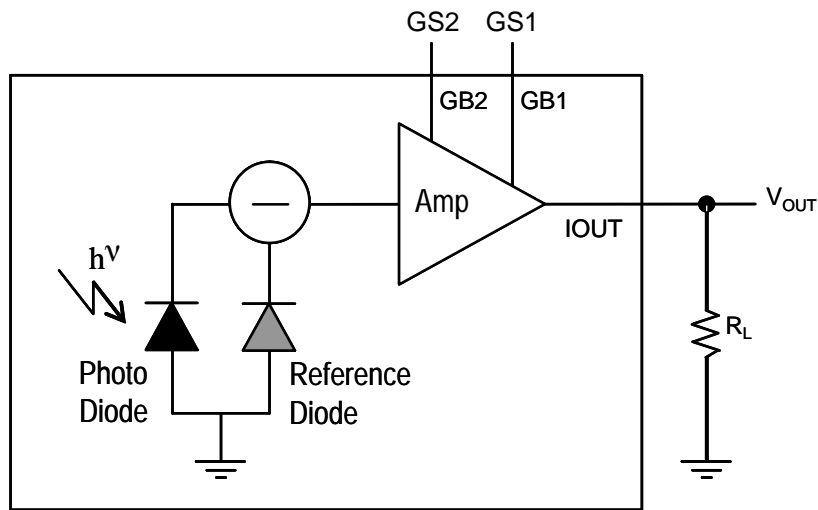


Figure 2. Simplified Block Diagram

Table 1. PIN FUNCTION DESCRIPTION

**Table 3. ELECTRICAL CHARACTERISTICS**

(Unless otherwise specified, these specifications apply over VDD = 5.5 V, -40°

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## TYPICAL CHARACTERISTICS

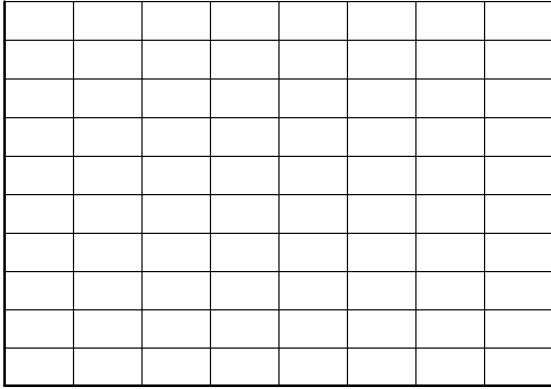


Figure 3. Spectral Response (Normalized)

Figure 4. Light Source Dependency  
(Normalized to Fluorescent Light)

Figure 5. Output Current vs. Ev

Figure 6. Output Current vs. Ev  
(High Gain Mode)

TYPICAL CHARACTERISTICS

Figure 9. Output Current vs. Angle  
(End View, Normalized)

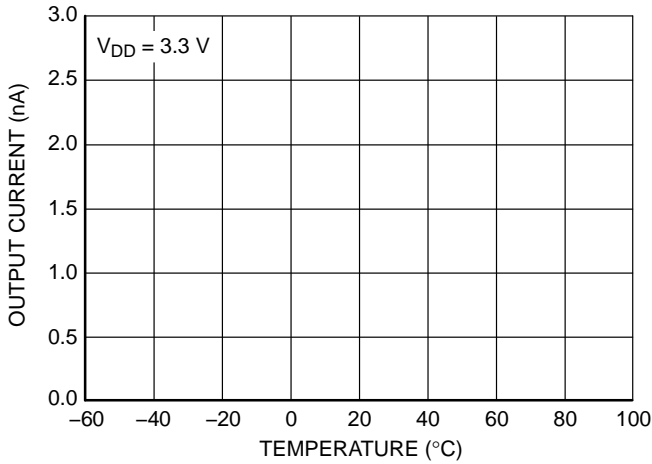


Figure 10. Output Current vs. Angle  
(Side View, Normalized)

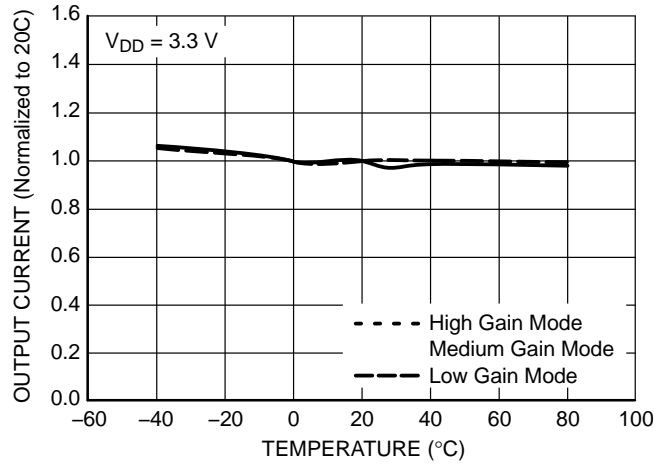


Figure 11. Output Current at 0 lux vs.  
Temperature (High Gain Mode)

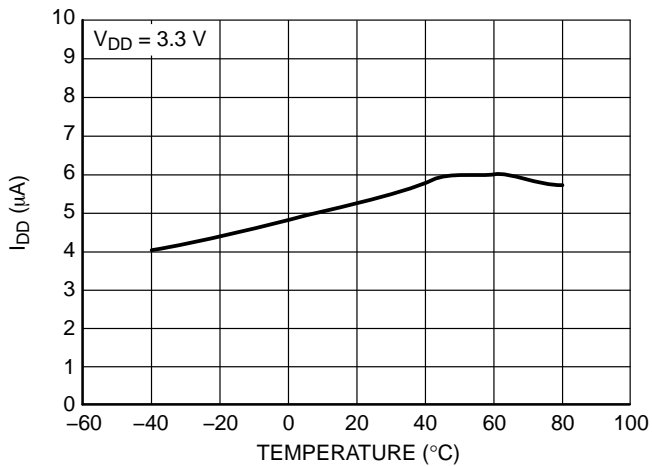


Figure 12. Output Current at 100 lux vs.  
Temperature

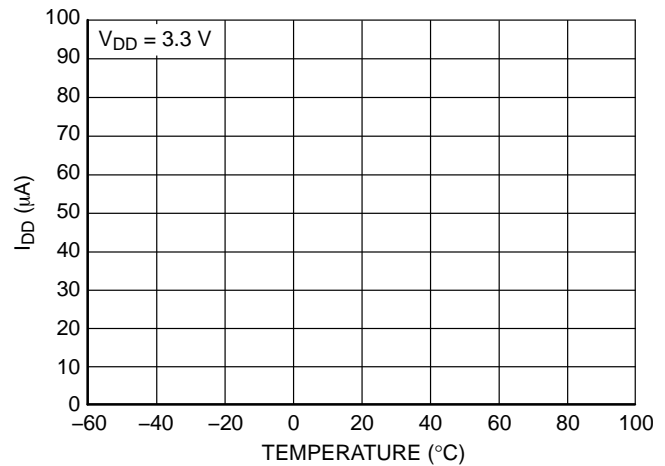


Figure 13. Supply Current at 0 lux vs.  
Temperature (High Gain Mode)

Figure 14. Supply Current at 100 lux vs.  
Temperature (High Gain Mode)

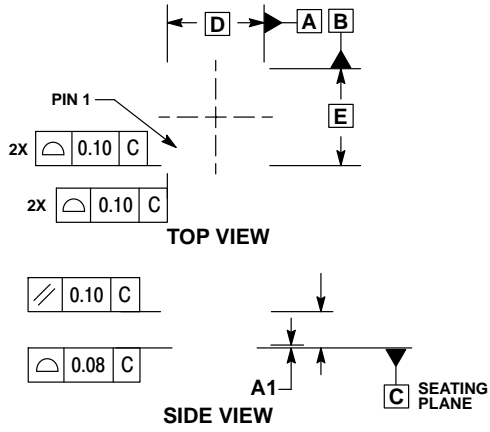


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**CUDFN6 1.6x1.6, 0.5P**  
**CASE 505AL**  
**ISSUE A**

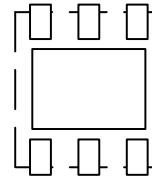
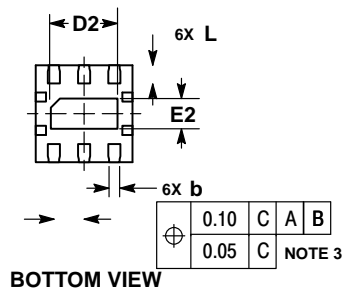
SCALE 2:1

DATE 09 FEB 2017



- NOTES:
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
  2. CONTROLLING DIMENSION: MILLIMETERS.
  3. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.10 AND 0.20MM FROM THE TERMINAL TIP.
  4. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.

MILLIMETERS		
DIM	MIN	MAX
A	0.55	0.65



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