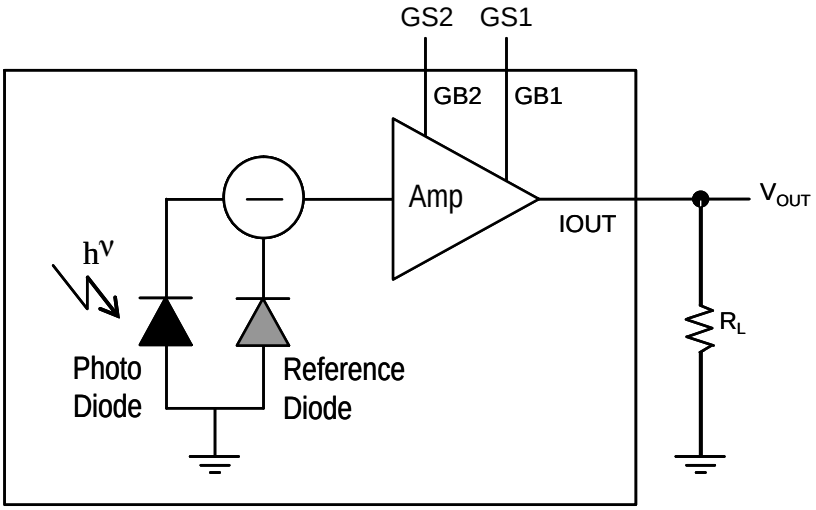



**Figure 2. Simplified Block Diagram**

**Table 1. PIN FUNCTION DESCRIPTION**G

**Table 3. ELECTRICAL CHARACTERISTICS**
(Unless otherwise specified, these specifications apply over VDD = 5.5 V, −40°

## TYPICAL CHARACTERISTICS

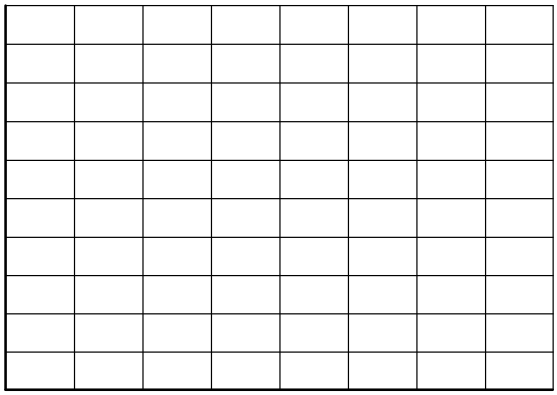


**Figure 3. Spectral Response (Normalized)**

**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)**

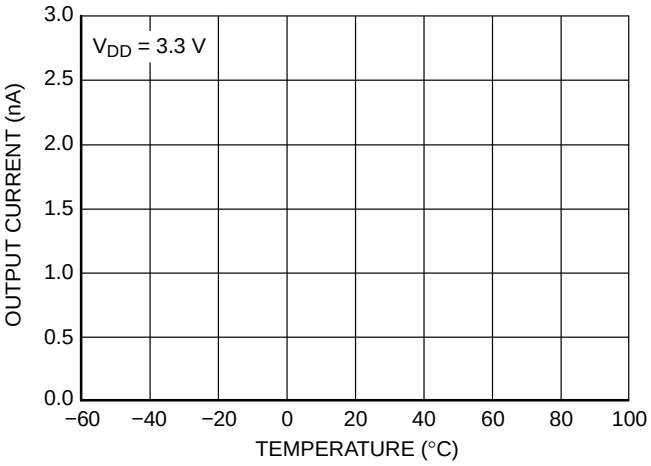



**Figure 10. Output Current vs. Angle (Side View, Normalized)**

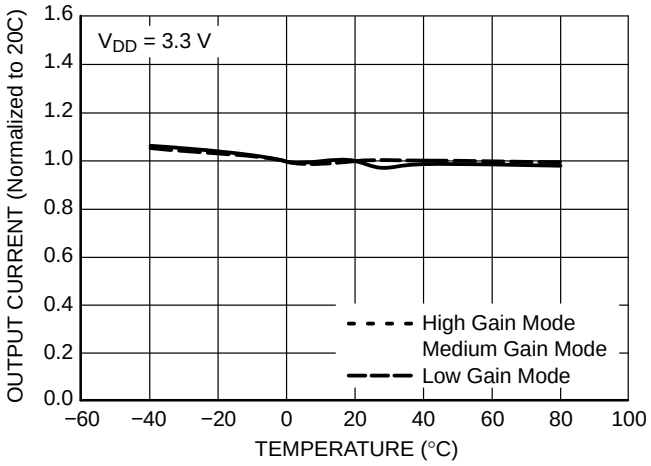



**Figure 11. Output Current at 0 lux vs. Temperature (High Gain Mode)**

**Figure 12. Output Current at 100 lux vs. Temperature**

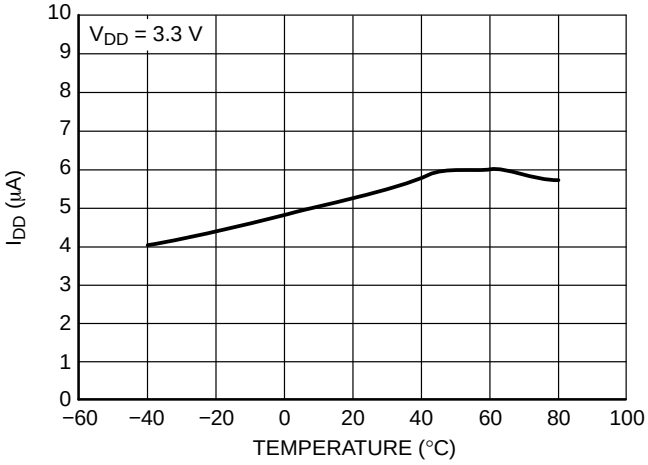



**Figure 13. Supply Current at 0 lux vs. Temperature (High Gain Mode)**

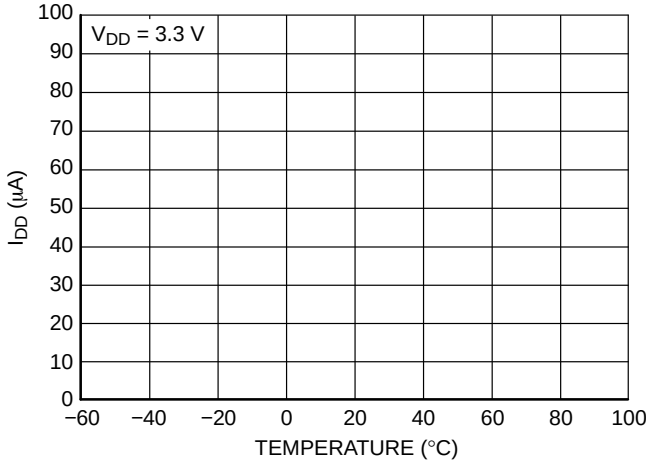


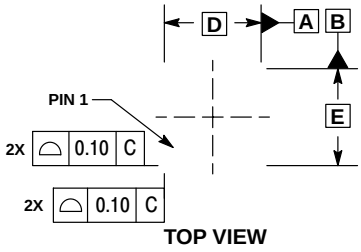

**Figure 14. Supply Current at 100 lux vs. Temperature (High Gain Mode)**

# NOA1212

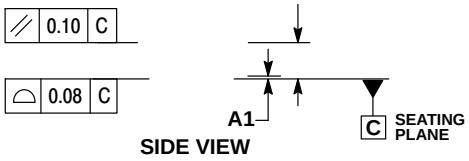
**CUDFN6 1.6x1.6, 0.5P**
CASE 505AL
ISSUE A

**SCALE 2:1**

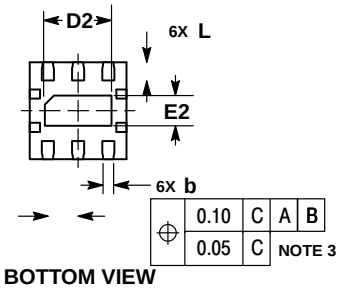
DATE 09 FEB 2017




**TOP VIEW**




**SIDE VIEW**




**BOTTOM VIEW**

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 |