



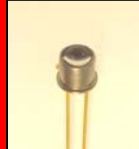













VISIBLE LEDs

Metal Can Products

These products are RoHS compliant.

Other wavelengths and special selections available. Contact Clairex.

<p>VIOLET 390nm</p> 	<p>BLUE 465nm</p> 	<p>GREEN 530nm</p> 	<p>RED 660nm</p> 	<p>< 0.1% IR RED 660nm</p> 	<p>WHITE</p> 
<p>CLE501</p> <ul style="list-style-type: none"> • Cathode common to case. • TO-46, dome lens • Down-hole drilling • Currency validation • Security • Water purification • Biomedical equip. • UV epoxy curing • -40°C to +125°C • P_D = 200mW (max) • V_F = 3.0V (typ) • P_O = 1.5mW (min) • I_R = 10µA @ 5V • ± 35° emission angle. 	<p>CLE536</p> <ul style="list-style-type: none"> • Cathode common to case. • TO-46, dome lens • -65°C to +125°C • P_D = 200mW (max) • V_F = 3.2V (typ) • I_V = 750mcd (typ) • Φ_V = 87.5mlm (typ) • I_R = 10µA @ 5V • ± 11° emission angle 	<p>CLE535</p> <ul style="list-style-type: none"> • Cathode common to case. • TO-46, dome lens • -65°C to +125°C • P_D = 200mW (max) • V_F = 3.2V (typ) • I_V = 10.5cd (typ) • Φ_V = 1.20lm (typ) • I_R = 10µA @ 5V • ± 11° emission angle. 	<p>CLE435</p> <ul style="list-style-type: none"> • Anode common to case. • TO-46, dome lens • -65°C to +125°C • P_D = 200mW (max) • V_F = 1.8V (typ) • I_V = 650mcd (typ) • Φ_V = 72mlm (typ) • I_R = 10µA @ 5V • ± 11° emission angle. 	<p>CLE436</p> <ul style="list-style-type: none"> • Emission above 750nm is < 0.1% of emission at 660nm • Anode common to case. • TO-46, dome lens • -65°C to +125°C • P_D = 200mW (max) • V_F = 2.2V (max) • I_V = 650mcd (typ) • Φ_V = 72mlm (typ) • I_R = 10µA @ 5V • ± 11° emission angle. 	<p>CLE539</p> <ul style="list-style-type: none"> • Cathode common to case. • TO-46, dome lens • -65°C to +125°C • P_D = 200mW (max) • V_F = 3.2V (typ) • I_V = 10.5cd (typ) • Φ_V = 1.20lm (typ) • I_R = 10µA @ 5V • ± 11° emission angle.
<p>CLE509</p> <ul style="list-style-type: none"> • Nine chip array • P_D = 350mW • V_F = 3.0V (typ) • P_O = 13.5mW (min) • I_R = 10µA @ 5V • ± 35° emission angle. 	<p>CLE536W</p> <ul style="list-style-type: none"> • TO-46, flat window • Φ_V = 87.5mlm (typ) • ± 35° emission angle  <p>CLE546W</p> <ul style="list-style-type: none"> • Cathode common to case. • Co-ax, flat window • Φ_V = 113mlm (typ) • P_D = 150mW (max) • ± 50° emission angle 	<p>CLE535W</p> <ul style="list-style-type: none"> • TO-46, flat window • Φ_V = 1.20lm (typ) • ± 35° emission angle  <p>CLE545W</p> <ul style="list-style-type: none"> • Cathode common to case. • Co-ax, flat window • Φ_V = 1.50lm (typ) • P_D = 150mW (max) • ± 50° emission angle 	<p>CLE435W</p> <ul style="list-style-type: none"> • TO-46, flat window • Φ_V = 72mlm (typ) • ± 35° emission angle  <p>CLE445W</p> <ul style="list-style-type: none"> • Cathode common to case. • Co-ax, flat window • Φ_V = 95mlm (typ) • P_D = 150mW (max) • ± 50° emission angle 	<p>CLE436W</p> <ul style="list-style-type: none"> • TO-46, flat window • Φ_V = 72mlm (typ) • ± 35° emission angle 	<p>CLE539W</p> <ul style="list-style-type: none"> • TO-46, flat window • Φ_V = 650mlm (typ) • ± 35° emission angle  <p>CLE549W</p> <ul style="list-style-type: none"> • Cathode common to case. • Co-ax, flat window • Φ_V = 860mlm (typ) • P_D = 200mW (max) • ± 50° emission angle 

Clairex reserves the right to make changes at any time to improve design and to provide the best possible product.