

Important Update: Material Change for EN54 pt23 and UL1971 Standard Optics

Dear Customer,

We want to inform you of an upcoming material change affecting our EN54 pt23 and/or UL1971 standard optics.

Our current supplier of the Polycarbonate V2 clear optical grade (Caliber303EP-22), which we have used for several years, has unexpectedly ceased production due to a plant issue and has decided to decommission the facility. This means the material is no longer available for sourcing.

While working through our remaining stock, we have conducted extensive trials and optical checks on a wide range of alternative grades. Our priority has been to ensure long-term supply stability and maintain compliance with all relevant standards.

We are pleased to confirm that we have selected a new material: **Sabic LUX2180T**, a V2-rated Polycarbonate from a major global supplier. This material offers slightly improved optical performance thanks to its enhanced clarity. We can provide full documentation, including UL Yellow Cards, to support your compliance needs.

Although we cannot provide a firm date for the full changeover, we already have a selection of sample parts available for your own testing if required. Please contact us if you would like samples or additional support during this transition.

A large consignment of the new material is scheduled to arrive early in the New Year, ensuring a smooth changeover as our existing material stock runs out.

Thank you for your understanding and continued partnership. If you have any questions or require assistance, please do not hesitate to reach out.

Previous Material: Caliber303EP-22

New Material: Sabic LUX2180T

Parts that will be directly affected are outlined in the table on the following page.

POL Part No.	EN/UL	Description	Mount Poistion	Colour
351	EN54	Long range	Wall	Clear
361	EN54	Long range	Ceiling	Clear
405	UL1971	Ceiling Optics	Ceiling	Clear
414	EN54	Short range	Ceiling	Clear
415	EN54	Short range	Ceiling	Red
422	EN54	Short range	Wall	Clear
423	EN54	Short range	Wall	Red
437	EN54	120 Sector Long range	N/A	Clear
438	EN54	120 Sector Long range	N/A	Red
440	UL1971	Wall Optic	Wall	Clear
443	EN54	Long range	Wall	Red
953	EN54	Long Range Vertical	Wall	Clear
954	EN54	Long Range Vertical	Wall	Red
955	EN54	Short Range Vertical	Wall	Clear
956	EN54	Short Range Vertical	Wall	Red
1082	EN54	Ultra Short Range	Ceiling	Clear
1083	EN54	Ultra Short Range	Ceiling	Red

Kind regards,
Ian Bryant
Sales and Marketing Manager
Polymer Optics Ltd