

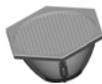


*Our Focus is in Plastics*

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### Luxeon K Optics - L XKx-PWxx-0004, L XKx-PWxx-0008, L XKx-PWxx-0012

Product #	Description	Size (mm)	Beam Angle	Product Image
265/202	Medium Beam Reflector – free mounting	37.5 x 16	32deg FWHM*	
266/202	Wide Beam Reflector – free mounting	37.5 x 16	38deg FWHM*	
267/202	Elliptical Beam Reflector – free mounting	37.5 x 16	20x38deg FWHM*	
365/202	Diffuse 30mm Reflector – free mounting	37.5 x 16	20deg FWHM*	

### Luxeon K Optics - L XKx-PWxx-0016, L XKx-PWxx-0024

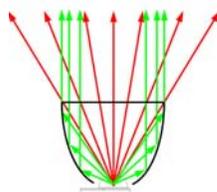
Product #	Description	Size (mm)	Beam Angle	Product Image
270	Diffuse 60mm Reflector – free mounting	65 x 31.7	35deg FWHM*	
364	Diffuse 60mm Reflector – Zhaga compliant base fitting	65 x 37.7	35deg FWHM*	

\* Final beam angle dependant on particular Luxeon K array used with reflector and mounting configuration

### POL Hybrid Reflector Products – *More Light, on the Spot*



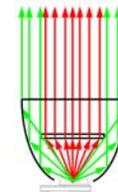
Conventional reflector optics can only control the light that reflects from their surface, so only around 50-60% of the light is controlled into the focal spot.



Conventional Reflector



The POL Hybrid Reflector design uses a central lens to collect and collimate the on-axis light from the LED and therefore increases the light collection efficiency up to >90%.



POL Hybrid Reflector