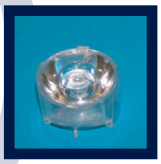
LUMILEDS LUXEON®
20mm LENSES AND HOLDERS



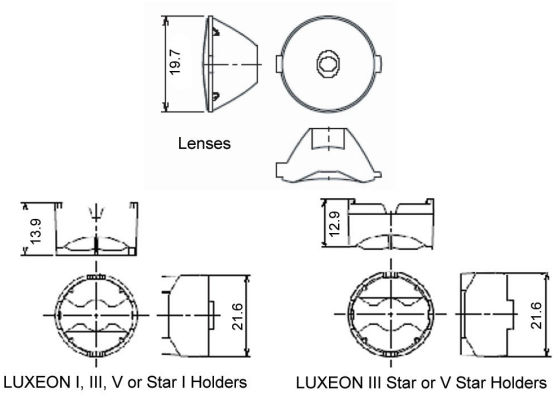
OPERATING CONDITIONS

▲ 105°C max temperature

MATERIALS/FINISH

▲ Lenses are optical grade PMMA acrylic
▲ Holders are made of durable polycarbonate

MECHANICAL DIMENSIONS



FEATURES / BENEFITS

▲ For LUXEON I, III and V emitters & Stars

▲ Available in spot, medium, wide and oval lenses

▲ Snap-in optics

▲ Greater than 85% efficiency

ORDERING INFORMATION

HOLDERS		
Dialight P/N	**Reference P/N**	**Description**
OHES1WH	OH-ES1-WH	LUXEON I, III, V & Star I - Direct PCB Mount (White)
OHES1BK	OH-ES1-BK	LUXEON I, III, V & Star I - Direct PCB Mount (Black)
OHES1CL	OH-ES1-CL	LUXEON I, III, V & Star I - Direct PCB Mount (Clear)
OHS35WH	OH-S35-WH	For Drop-Through Mount & LUXEON Star III & V (White)
OHS35BK	OH-S35-BK	For Drop-Through Mount & LUXEON Star III & V (Black)
OHS35CL	OH-S35-CL	For Drop-Through Mount & LUXEON Star III & V (Clear)

LENS			
Dialight P/N	**Reference P/N**	**Description**	**Degree***
OP005	OP-005	Spot Lens	5º
OP015	OP-015	Medium Lens	15º
OP025	OP-025	Wide Lens	25º
OP520	OP-520	Oval Lens	5º X 20º

*All angles refer to half divergence

Dialight reserves the right to make changes at any time in order to supply the best product possible.

Dialight Corporation
1501 Route 34 South • Farmingdale, NJ 07727 USA
Tel: (1) 732-919-3119 • Fax: (1) 732-751-5778 • www.dialight.com

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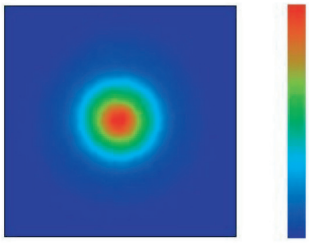
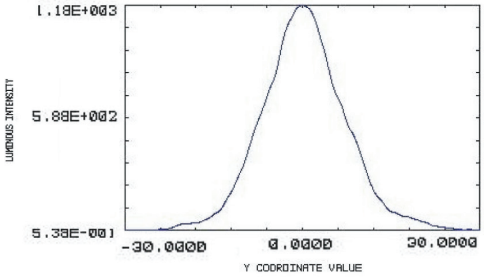
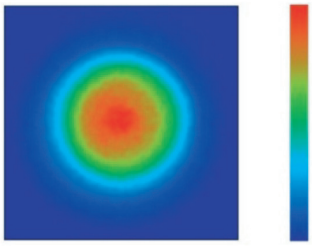
PHOTOMETRIC DATA



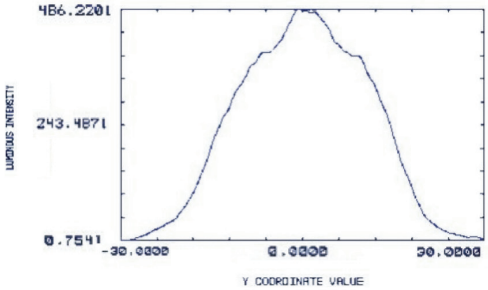
Spot Lens



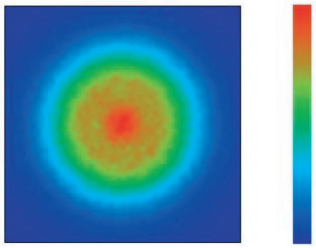
Typical half-angle divergence 5º when using LUXEON I Cool White



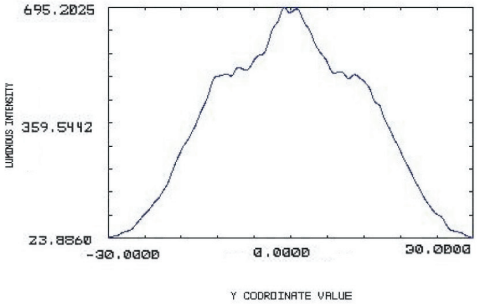
Medium Lens



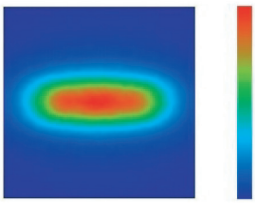
Typical half-angle divergence 15º when using LUXEON I Cool White



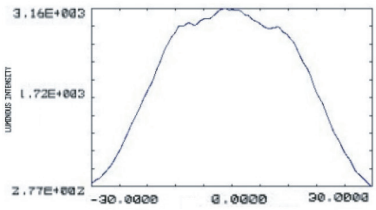
Wide Lens



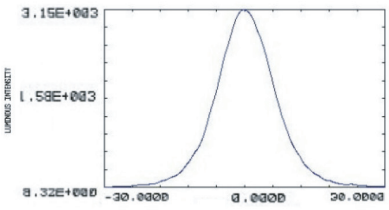
Typical half-angle divergence 25º when using LUXEON I Cool White



Oval Lens



Horizontal



Vertical

Typ. half-angle divergence 5º X 20º LUXEON I Cool White

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