

PHILIPS



Outdoor lighting

FastFlex
LED lenses
Gen2



Datasheet

Family overview FastFlex LED lenses Gen2

Variants

FastFlex lens 2x8/II-X Gen2



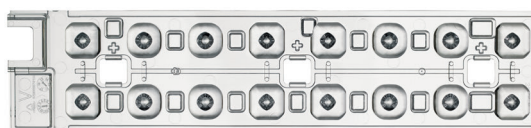
FastFlex lens 2x8/III-X Gen2



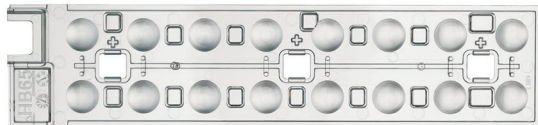
FastFlex lens 2x8/IV-X Gen2



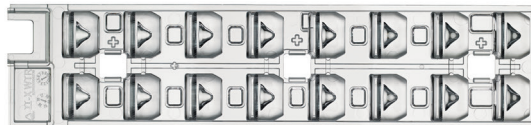
FastFlex lens 2x8/V Gen2



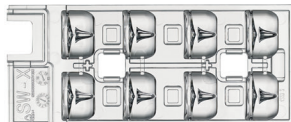
FastFlex lens 2x8/HB65 Gen2



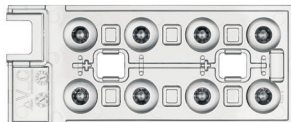
FastFlex lens 2x8/II-X WTR Gen2



FastFlex lens 2x4/SW-X Gen2



FastFlex lens 2x4/VC Gen2



FastFlex lensless mounting Gen2



Logistical data

Specification item (designed for the board)	12NC	EOC (European order code)
FastFlex lens 2x8/II-X Gen2	9290 008 73806	8718291 707950 00
FastFlex lens 2x8/III-X Gen2	9290 008 73906	8718291 707974 00
FastFlex lens 2x8/IV-X Gen2	9290 008 74006	8718291 707998 00
FastFlex lens 2x8/V Gen2	9290 008 74106	8718291 708018 00
FastFlex lens 2x8/HB65 Gen2	9290 008 96306	8718291 765530 00
FastFlex lens 2x8/II-X WTR Gen2	9290 009 06206	8718291 787969 00
FastFlex lens 2x4/SW-X Gen2	9290 008 97406	8718291 768920 00
FastFlex lens 2x4/VC Gen2	9290 008 97506	8718291 768944 00
FastFlex lensless mounting Gen2	9290 009 04506	871869 6416082 00

FastFlex lens product information

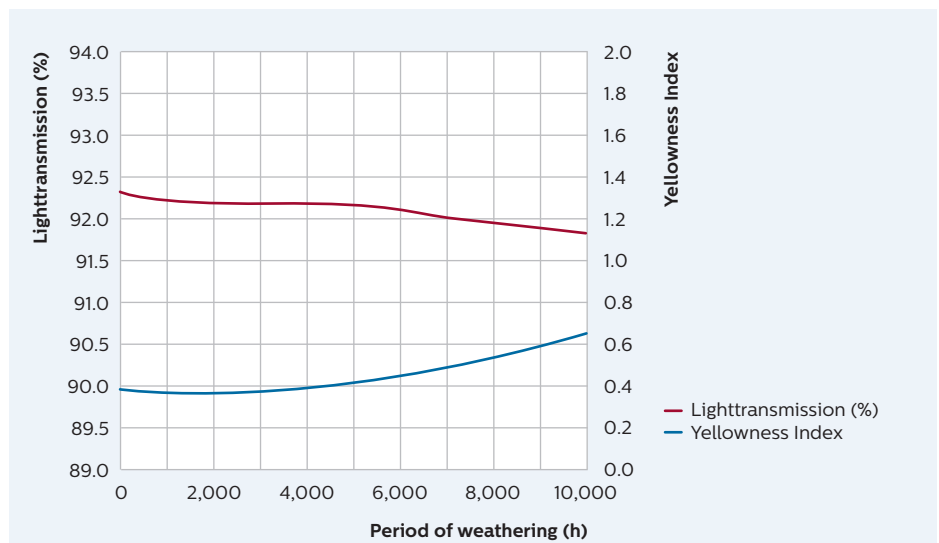
Analysis	Unit	0 hrs	1,000 hrs	5,000 hrs	7,500 hrs	10,000 hrs
Light transmission	%	92.31	92.22	92.15	91.97	91.85
Color coordinate L*	%	96.95	96.91	96.88	96.81	96.76
Color coordinate a*	%	0	-0.02	-0.03	-0.05	0
Color coordinate b*	%	0.2	0.18	0.18	0.3	0.31
Color coordinate x	%	0.3141	0.3141	0.3141	0.3143	0.3143
Color coordinate y	%	0.3313	0.3313	0.3313	0.3316	0.3315
Yellowness index	%	0.4	0.35	0.36	0.58	0.62
Visual examination	Comments	Colorless / clear	Unchanged	Marginally brighter, marginally noticeable yellowness, marginally noticeable haze.	Marginally brighter, marginally noticeable yellowness, marginally noticeable haze.	Marginally noticeable darkening, marginally noticeable yellowness, marginally noticeable haze.

Artificial weathering –
Material: PLEXIGLAS® 8N clear.

Xenon test in accordance with DIN EN ISO 4892-2, method A, cycle 1.

Measurement of optical properties in accordance with ISO13468, D65/10, transmission, 3 mm test piece dimensions.

The values in the included table need to be used as indication.

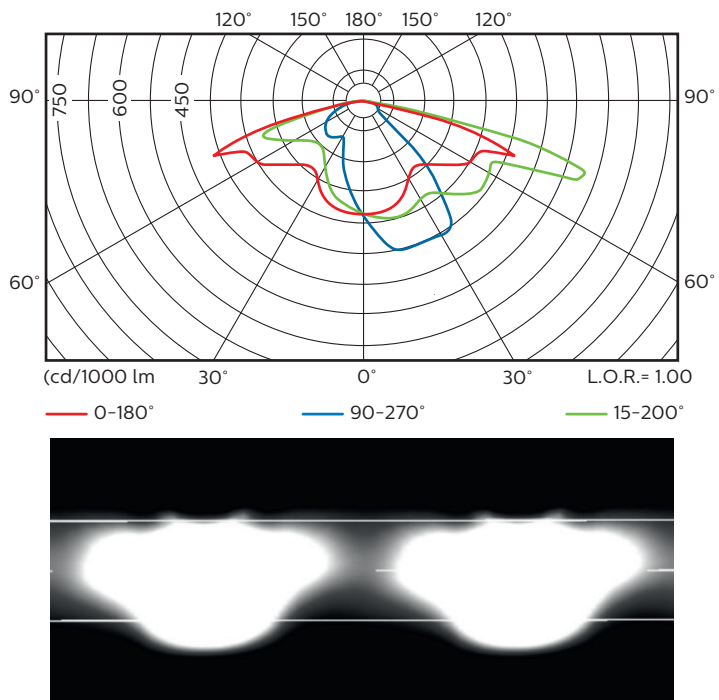
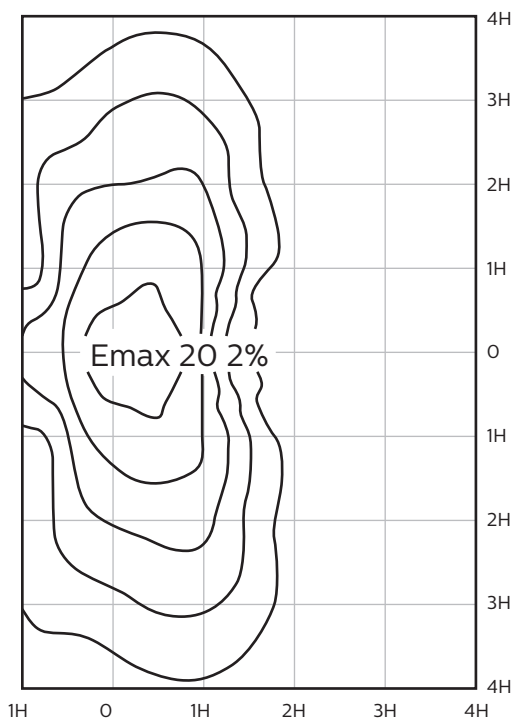


Optical data of the lenses (combined with the Fastflex Gen2 modules)

- Isolux diagram
- Polar intensity diagram
- Application rendering

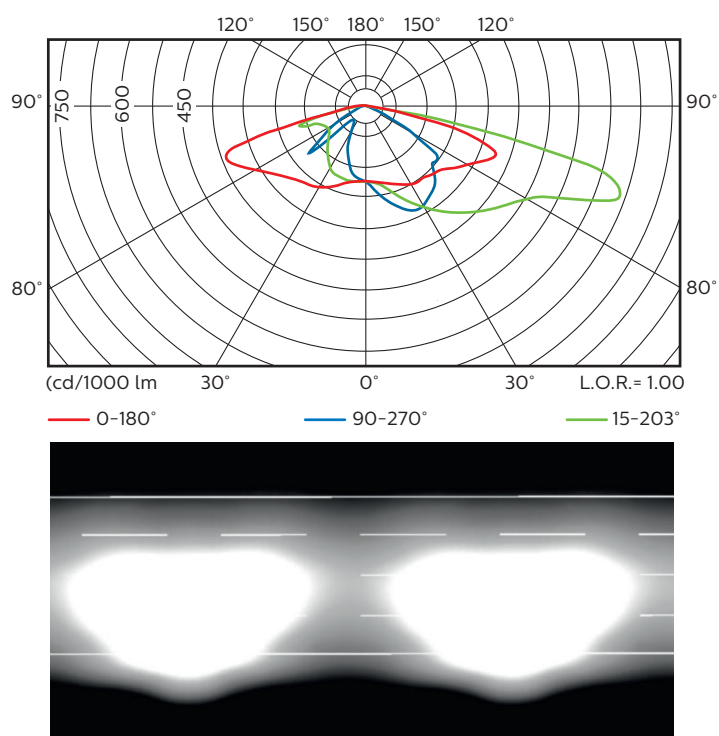
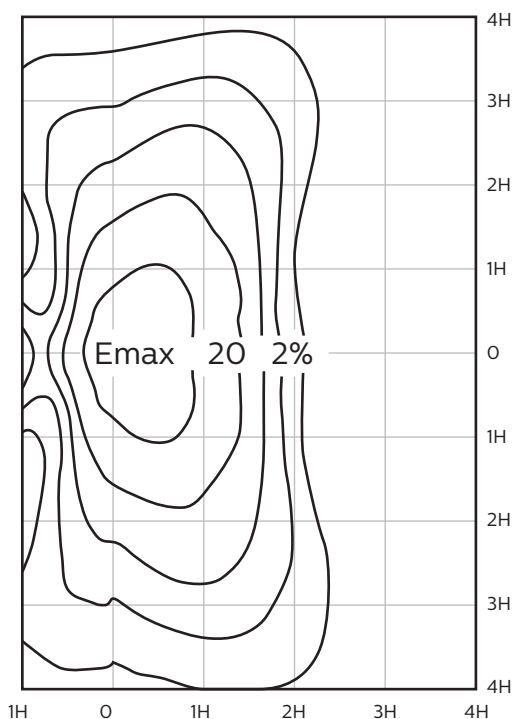
FastFlex lens 2x8/II-X Gen2

Designed for narrow roads and urban street lighting.



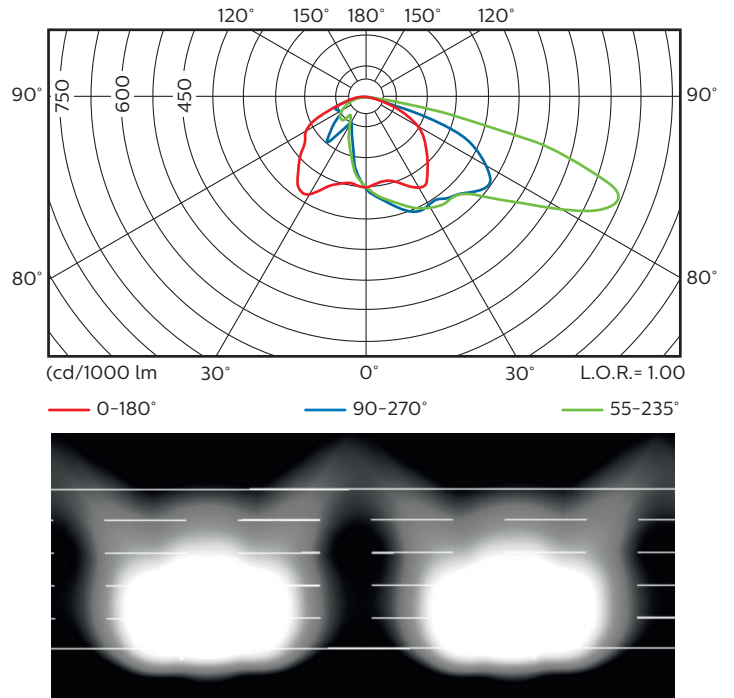
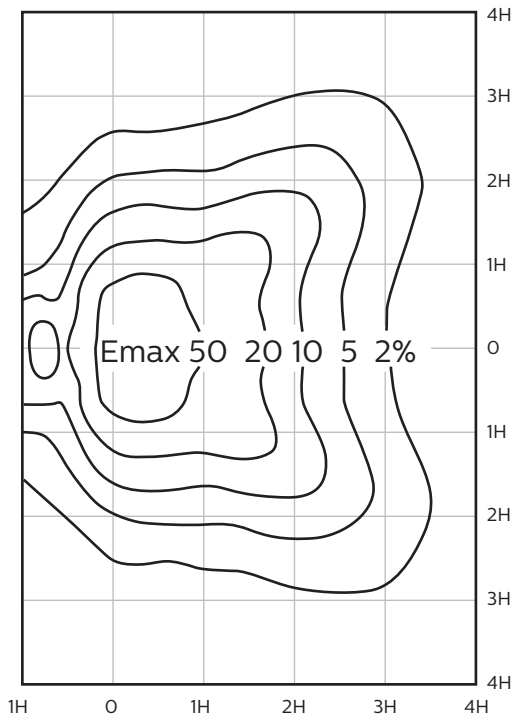
FastFlex lens 2x8/III-X Gen2

Designed for roads of medium width and urban street lighting.



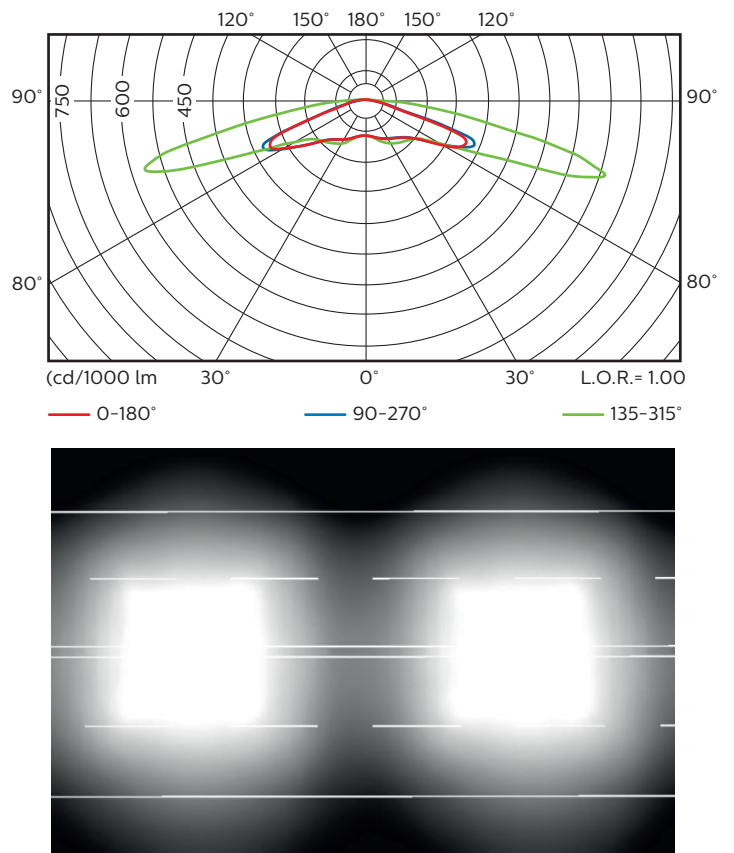
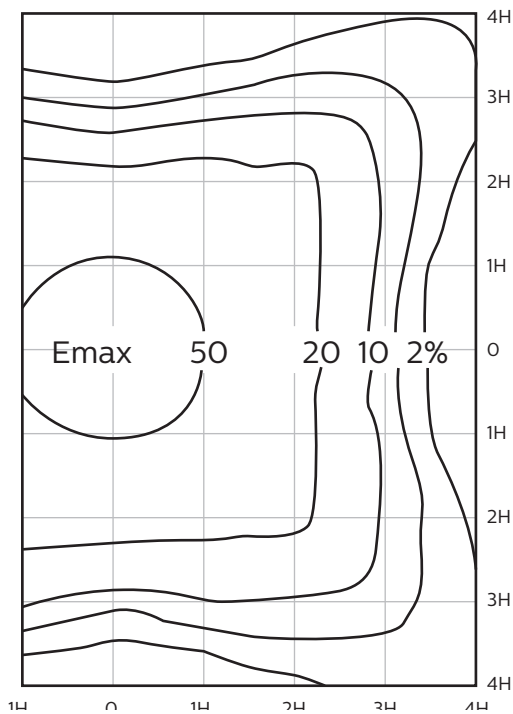
FastFlex lens 2x8/IV-X Gen2

Designed for wide roads and asymmetrical floodlighting.



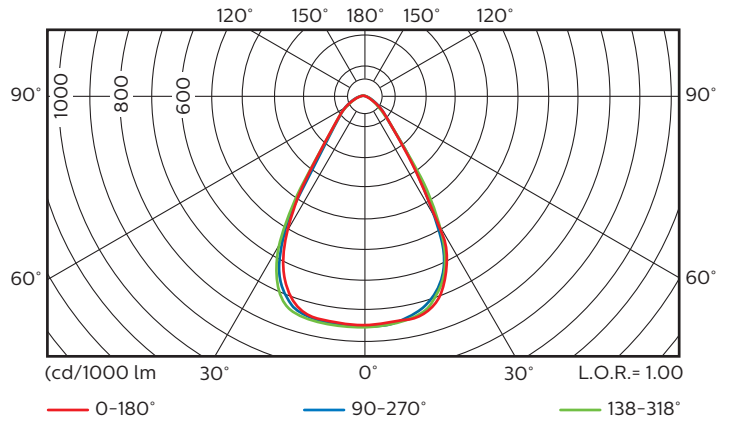
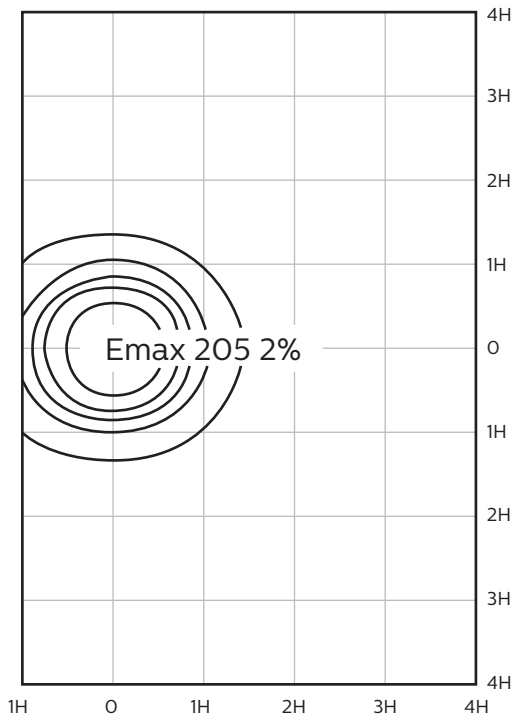
FastFlex lens 2x8/V Gen2

Designed for symmetrical lighting, e.g. high bays, parking lots, petrol stations.



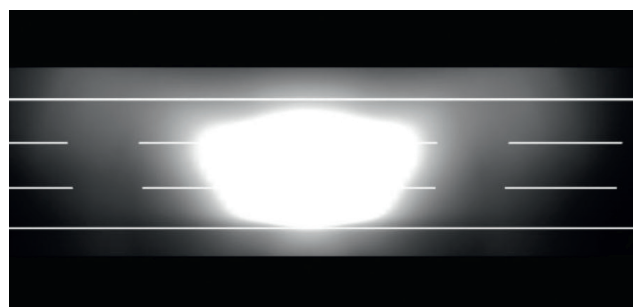
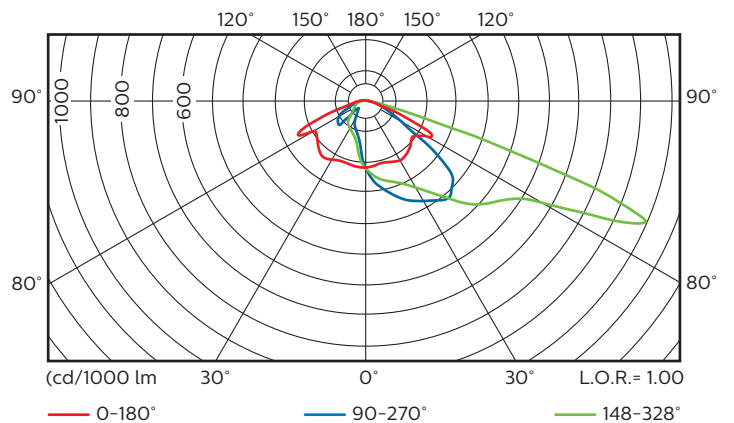
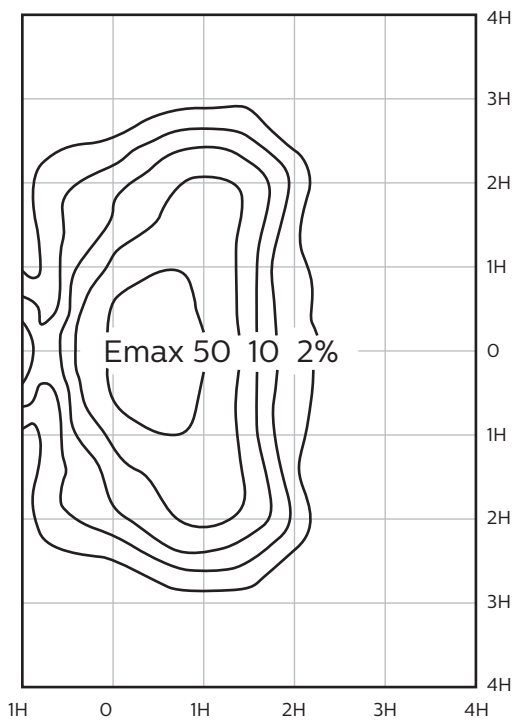
FastFlex lens 2x8/HB65 Gen2

Designed for high bay lighting.



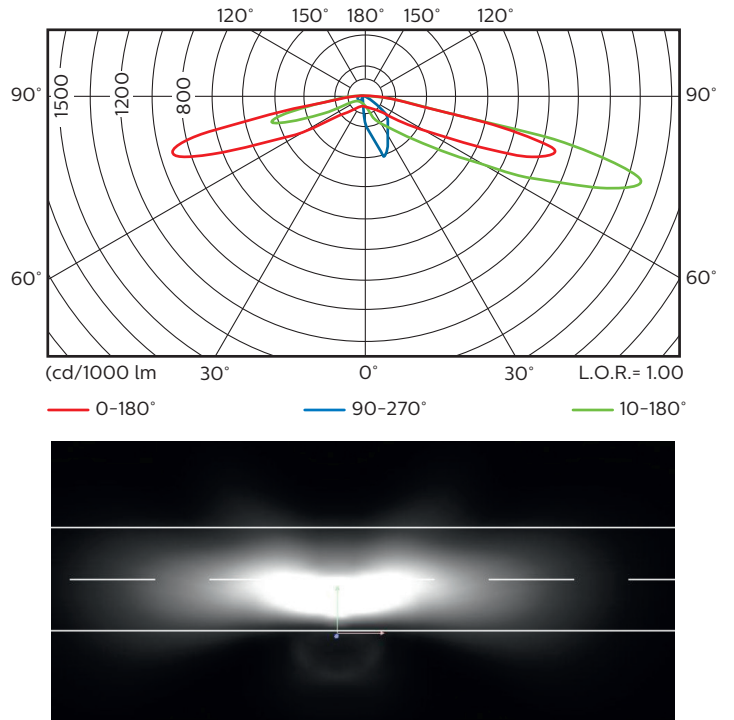
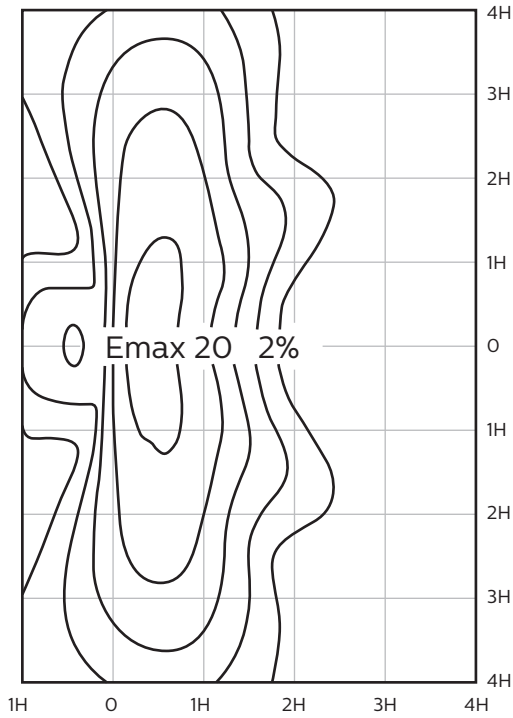
FastFlex lens 2x8/II-X WTR Gen2

Designed for wet road lighting.



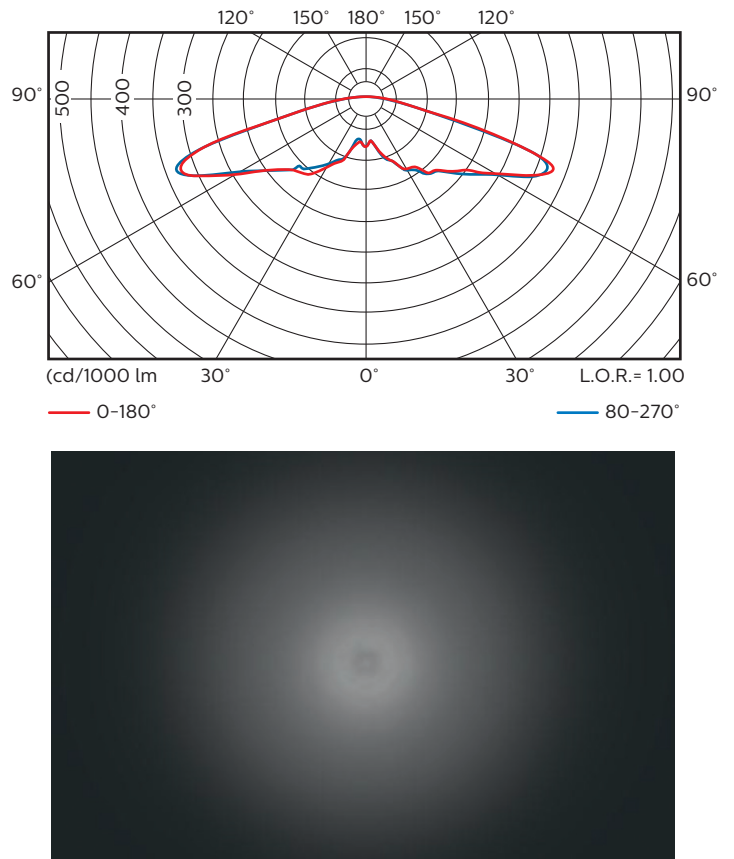
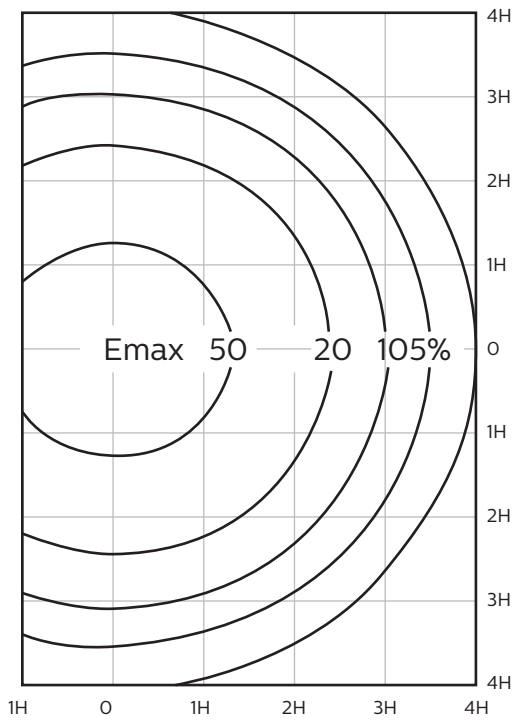
FastFlex lens 2x4/SW-X Gen2

Designed for Pedestrian Road and Bicycle lighting.

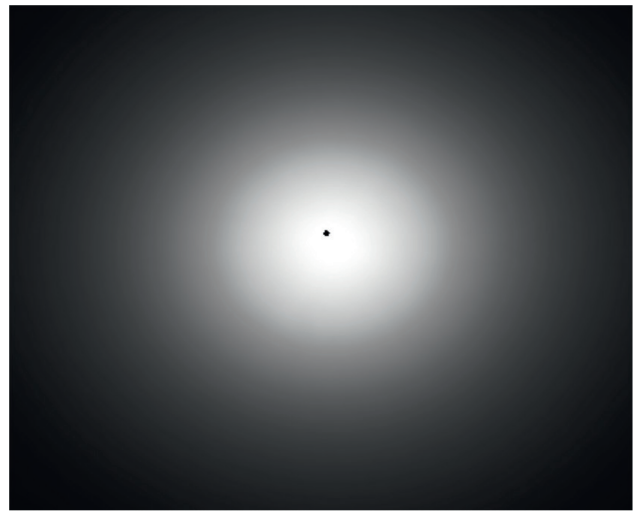
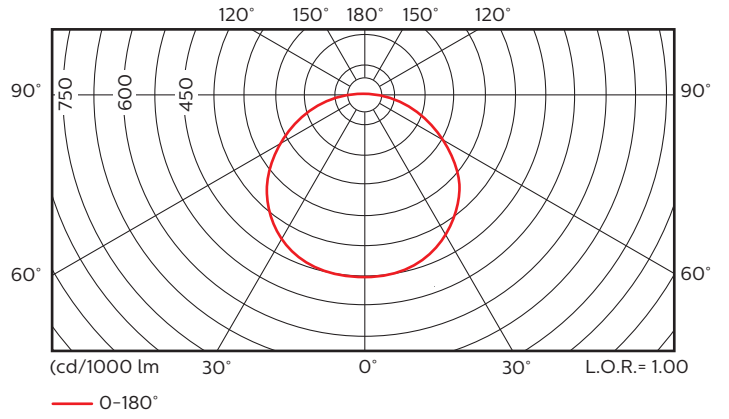
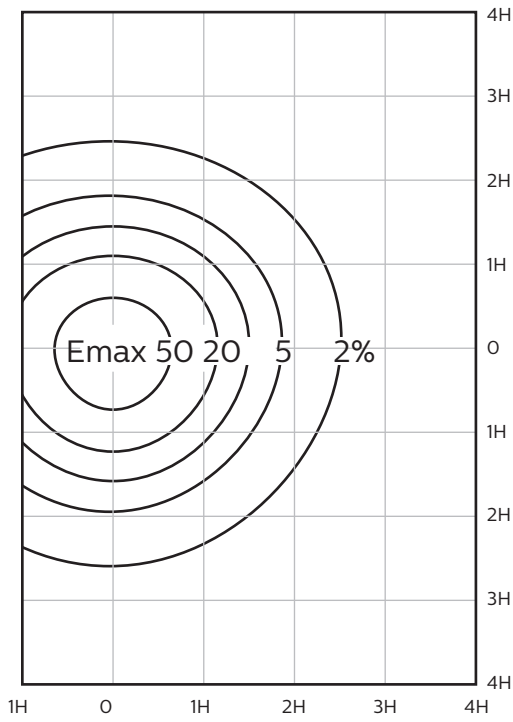


FastFlex lens 2x4/VC Gen2

Designed for park lighting.



FastFlex lensless mounting Gen2



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