

Matching the lenses with LED modules, pay attention for:

- LED symbol, for which the lens is dedicated,
- Lens code, needed when ordering the lens,
- LED module name, for which it is possible to match the lens.

The "x" marks, that the lens from specific row matches with the LED module from corresponding column.
Signs "xx" or "xxx" in lens code are connected with lens angle.

Table 1. Matching the LED modules with lenses dedicated for CREE power LED XP XLamp series (part 1)

No.	LED diode ¹⁾	Lens code ²⁾	Angle ³⁾	LED module name				
				LUMO 1XP ALU	mLUMO XP	LUMO 3XP D35	LUMO 3XP D48	LUMO 4XP D35
1	XP-E	OPT-LD-XP-10-xx-O	16°, 24°, 10°x32°, 40°					
2		OPT-LD-XP-11-19-O	19°	x	x		x	
3		OPT-LD-XP-16-xx-O	11°, 13°, 30°, 40°, 14°x34°	x				
4		OPT-LD-XP-21-xx-O	6°, 12°, 22°, 22°x40°, 10°x42°, 46°	x	x			
5		OPT-LD-XP-22-xx-K	6°, 10°, 12°, 30°, 34°, 14°x46°	x				
6		OPT-LD-XP-25x130-ST	25°x130°	x				
7		OPT-LD-XP-44x116-ST	44°x116°	x				
8		OPT-LD-XP-124-ST	124°					
9		OPT-LD-XP-12x96-F	12°x96°					
10		OPT-CR-XP-17-08-SE	8°	x				
11		OPT-CR-XP-19-xxx-O	120°, 130°	x				
12		OPT-LD-XP-35-xx-3X-O	10°, 22°, 40°			x		
13		OPT-LD-XP-35-xx-4X-O	17°, 26°, 38°, 54°					x
14		OPT-LD-XP-50-xx-3X-O	10°, 18°, 54°				x	

Table 2. Matching the LED modules with lenses dedicated for CREE power LED XP XLamp series (part 2)

No.	LED diode ¹⁾	Lens code ²⁾	Angle ³⁾	LED module name					
				LUMO 4XP D55	LUMO 6XP	MEGA 1XP	STAR XP	LEDIS 3XP	LEDIS 6XP
1	XP-E	OPT-LD-XP-10-xx-O	16°, 24°, 10°x32°, 40°					x	
2		OPT-LD-XP-11-19-O	19°	x	x	x	x	x	x
3		OPT-LD-XP-16-xx-O	11°, 13°, 30°, 40°, 14°x34°	x	x			x	x
4		OPT-LD-XP-21-xx-O	6°, 12°, 22°, 21°x38°, 16°x41°, 46°	x	x			x	x
5		OPT-LD-XP-22-xx-K	6°, 10°, 12°, 30°, 34°, 14°x46°		x			x	x

Table 3. Matching the LED modules with lenses dedicated for CREE power LED XR XLamp series

No.	LED diode ¹⁾	Lens code ²⁾	Angle ³⁾	LED module name			
				LUMO 1XR	LUMO 1XR ALU	mLUMO 1XR	LUMO 3XR
1	XR-E	OPT-LD-XR-21-xx-O	6°, 10°, 28°, 22°x42°, 54°	x	x	x	
2		OPT-LD-XR-26-xx-O	8°, 26°, 6°x40°, 38°	x			
3		OPT-LD-XR-22-xx-K	12°, 14°, 28°, 12°x48°, 62°	x	x		
4		OPT-LD-XR-22-xx-TW	20°, 28°	x	x		
5		OPT-LD-XR-8x90-F	8°x90°	x	x		
6		OPT-LD-XR-104x66-ST	104°x66°	x	x		
7		OPT-LD-XR-80x126-ST	80°x126°	x	x		
8		OPT-LD-XR-98-ST	98°	x	x		
9		OPT-LD-XR-36x84-ST	36°x84°	x	x		
10		OPT-LD-XR-50-xx-O-3X	14°, 20°, 40°				x

Table 4. Matching the LED modules with lenses dedicated for CREE power LED MC XLamp series

No.	LED diode ¹⁾	Lens code ²⁾	Angle ³⁾	LED module name		
				LUMO 1MC ALU	ROUND MC	STAR MC
1	MC-E	OPT-LD-MC-21-xx-O	21°, 20°, 24°, 24°x38°	x		
2		OPT-LD-MC-35-xx-O	16°, 22°, 36°, 47°	x	x	x
3		OPT-LD-MC-38-xx-O	11°, 30°	x		
4		OPT-LD-MC-31-xx-O-RGB	16°, 26°, 32°x48°	x		
5		OPT-LD-MC-22-xx-K	20°, 20°, 30°, 20°x42°, 36°	x		
6		OPT-LD-MC-22-xx-R	20°, 38°, 48°	x		

1) Lenses matched to: XP-E, XP-C, XP-G, XR-E, XR-C, and MC-E.

2) Example: lens OPT-LD-MC-21-xx-O with angle 24° is named in ordering: OPT-LD-MC-21-**24**-O

3) Given angle values are specified for white XP-E, XR-E and MC-E CREE diods.
For other types of diods, angle values can be little different.