

Single Lens

XP-C
XP-E
XP-G
XT-E
XB-D

Single Lens

XP-C
XP-E
XP-G
XT-E
XB-D

Part Number	Pictures	FOV (Full Degree)	Dimensions (Unit: MM)	Material	For LEDs	Note
HX-12-10 Polishing Surface		10°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-12-15 Polishing Surface		15°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-12-20 Polishing Surface		20°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-12-20L Beads Surface		20°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-12-30L Beads Surface		30°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-12-38M Matte Surface		38°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-12-45 Polishing Surface		45°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-12-45R Polishing*Matte Surface		45°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-12-50L Beads Surface		50°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-12-60L Beads Surface		60°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-12-60M Matte Surface		60°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-12-60R Polishing*Matte Surface		60°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-12-70L Beads Surface		70°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-12-80M Matte Surface		80°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-12-90L Beads Surface		90°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-12-2060 Stripes Surface		20°x 60°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-12-4060 Stripes Surface		40°x 60°	Φ 13.1 H 7.58 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-PM09 Matte Surface		80°	Φ 12.5 H 7.40 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	

Single Lens
XP-PC
XP-PM
XT-PC
XB-D
XM-L
MX-3
MX-6

Single Lens
XP-C
XP-G
XT-E
XB-D

Part Number	Pictures	FOV (Full Degree)	Dimensions (Unit: MM)	Material	For LEDs	Note
HX-PM07 Polishing Surface		25°	Φ 15.5 H 10.1	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-PM08 Beads Surface		60°	Φ 15.5 H 10.1	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G CREE Xlamp XT-E CREE Xlamp XB-D	
HX-DN-50 Polishing Surface		50°	10.0 x 10.0 H 7.80	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L CREE Xlamp MX-3 CREE Xlamp MX-6	
HX-DN-60 Polishing Surface		60°	10.0 x 10.0 H 7.80	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L CREE Xlamp MX-3 CREE Xlamp MX-6	
HX-DN-70 Polishing Surface		70°	10.0 x 10.0 H 7.80	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L CREE Xlamp MX-3 CREE Xlamp MX-6	
HX-DN-80 Polishing Surface		80°	10.0 x 10.0 H 7.80	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L CREE Xlamp MX-3 CREE Xlamp MX-6	
HX-15-15 Polishing Surface		15°	Φ 17.0 H 10.0 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-15-15L Beads Surface		15°	Φ 17.0 H 10.0 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G CREE Xlamp XT-E CREE Xlamp XB-D	
HX-15-15M Matte Surface		15°	Φ 17.0 H 10.0 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G CREE Xlamp XT-E CREE Xlamp XB-D	
HX-15-25 Polishing Surface		25°	Φ 17.0 H 10.0 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-15-25L Beads Surface		25°	Φ 17.0 H 10.0 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G CREE Xlamp XT-E CREE Xlamp XB-D	
HX-15-25M Matte Surface		25°	Φ 17.0 H 10.0 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G CREE Xlamp XT-E CREE Xlamp XB-D	
HX-15-30 Polishing Surface		30°	Φ 17.0 H 10.0 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-15-30L Beads Surface		30°	Φ 17.0 H 10.0 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G CREE Xlamp XT-E CREE Xlamp XB-D	
HX-15-30M Matte Surface		30°	Φ 17.0 H 10.0 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G CREE Xlamp XT-E CREE Xlamp XB-D	
HX-15-45 Polishing Surface		45°	Φ 17.0 H 10.0 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-15-45L Beads Surface		45°	Φ 17.0 H 10.0 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G CREE Xlamp XT-E CREE Xlamp XB-D	
HX-15-45M Matte Surface		45°	Φ 17.0 H 10.0 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G CREE Xlamp XT-E CREE Xlamp XB-D	

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 Zipcode: 518109

Single Lens
XP-C
XP-D
XT-E
XB-D
XM-L

Part Number	Pictures	FOV (Full Degree)	Dimensions (Unit: MM)	Material	For LEDs	Note
HX-CREEXM-30 Polishing Surface		30°	16.0 x 16.0 H 8.0	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-CS-30 Matte Surface		30°	Φ 19.2 H 15.0	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CS-25L Beads Surface		25°	Φ 19.65 H 14.65	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CS-30L Beads Surface		30°	Φ 19.65 H 14.65	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CS-45L Beads Surface		45°	Φ 19.65 H 14.65	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CS-60L Beads Surface		60°	Φ 19.65 H 14.65	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CS-60LB Beads Surface		60°	Φ 19.85 H 11.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-XXM-15 Polishing Surface		15°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-XXM-15L Beads Surface		15°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-XXM-15M Matte Surface		15°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-XXM-25 Polishing Surface		25°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-XXM-25L Beads Surface		25°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-XXM-25M Matte Surface		25°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-XXM-38 Polishing Surface		38°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-XXM-38L Beads Surface		38°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-XXM-38M Matte Surface		38°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-XXM-45 Polishing Surface		45°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-XXM-45L Beads Surface		45°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	

Single Lens
XM-L

Single Lens

XP-C
XP-E
XP-G
XT-E
XB-D
XM-L

Part Number	Pictures	FOV (Full Degree)	Dimensions (Unit: MM)	Material	For LEDs	Note
HX-XMX-45M Matte Surface		45°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-XMX-50FW FW Surface		50°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-XMX-70FW FW Surface		70°	Φ 19.65 H 12.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L	
HX-CSP-15 Polishing Surface		15°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-CSP-15L Beads Surface		15°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CSP-15M Matte Surface		15°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CSP-25 Polishing Surface		25°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-CSP-25L Beads Surface		25°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CSP-25M Matte Surface		25°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CSP-30 Polishing Surface		30°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-CSP-30L Beads Surface		30°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CSP-30M Matte Surface		30°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CSP-38 Polishing Surface		38°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-CSP-38L Beads Surface		38°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CSP-38M Matte Surface		38°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CSP-45 Polishing Surface		45°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-CSP-45L Beads Surface		45°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CSP-45M Matte Surface		45°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	

Single Lens

XP-C
XP-E
XP-G
XT-E
XB-D

Single Lens

XP-C
XP-E
XP-G
XT-E
XB-D

Single Lens

XP-C
XP-E
XP-G
XT-E
XB-D
XM-L
MC-E

Part Number	Pictures	FOV (Full Degree)	Dimensions (Unit: MM)	Material	For LEDs	Note
HX-CSP-60 Polishing Surface		60°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-CSP-60L Beads Surface		60°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D
HX-CSP-60M Matte Surface		60°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D
HX-CSP-75 Polishing Surface		75°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-CSP-75L Beads Surface		75°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D
HX-CSP-75M Matte Surface		75°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D
HX-CSP-1045 Stripes Surface		10°x 45°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D
HX-CSP-2060 Stripes Surface		20°x 60°	Φ 21.5 H 13.2 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D
HX-CSV-25L Beads Surface		25°	Φ 23.4 H 15.8 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D
HX-CSV-30L Beads Surface		30°	Φ 23.4 H 15.8 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D
HX-CSV-45L Beads Surface		45°	Φ 23.4 H 15.8 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D
HX-CSV-60L Beads Surface		60°	Φ 23.4 H 15.8 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D
HX-C26-45L Beads Surface		45°	Φ 26.0 H 15.0	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XM-L CREE Xlamp MC-E	
HX-70F Beads Surface		15°	Φ 26.9 H 16.8	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D CREE Xlamp MC-E
HX-70E Beads Surface		40°	Φ 28.78 H 16.7	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D CREE Xlamp MC-E
HX-70G Beads Surface		25°	Φ 26.9 H 16.8	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D CREE Xlamp MC-E
HX-70H Beads Surface		45°	Φ 26.9 H 16.8	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	CREE Xlamp XT-E CREE Xlamp XB-D CREE Xlamp MC-E
HX-25C Matte+Beads Surface		25°	Φ 45.0 H 25.2	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp MC-E	

Single Lens

XP-C
XP-G
XT-E
XB-D
MC-E
MP-L
MT-G

Part Number	Pictures	FOV (Full Degree)	Dimensions (Unit: MM)	Material	For LEDs	Note
HX-45C Matte+Beads Surface		45°	Φ 45.0 H 25.2	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp MC-E	
HX-COB-30 Polishing+Beads Surface		30°	Φ 45.0 H 24.9	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp MP-L CREE Xlamp MT-G	
HX-COB-45 Polishing+Beads Surface		45°	Φ 45.0 H 24.9	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp MP-L CREE Xlamp MT-G	
HX-COB Polishing Surface		5°	Φ 53.4 H 33.0	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp MP-L CREE Xlamp MT-G	
HX-SD-A Polishing Surface		60° x 130°	L 17.9 W 9.30 H 5.90	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-SD-B Polishing Surface		60° x 130°	L 18.1 W 10.1 H 6.08	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-SD-C Stripes Surface		20° x 60°	L 32.0 W 24.0 H 11.5	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-SD135 Polishing Surface		60° x 106°	L 23.0 W 16.0 H 7.60	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-SD142 Polishing Surface		70° x 135°	L 210.0 W 37.0 H 7.0	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-PM05 Polishing Surface		8°	Φ 13.9 H 8.45	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XR	XR
HX-CREE-10 Polishing+Matte Surface		10°	Φ 15.55 H 10.4	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XR	
HX-CREE-30 Matte Surface		30°	Φ 20.0 H 11.9	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XR	
HX-CREE30-8 Polishing Surface		8°	Φ30.0 H 15.94	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XR	
HX-CREEMR16-8 Polishing Surface		8°	Φ 35.8 H 16.24	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XR	
HX-70XR Polishing Surface		5°	Φ 29.0 H 14.6	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XR	
HX-70AXR Polishing Surface		8° ~ 55°	Φ 29.0 H 14.5	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XR	
HX-SD22 Polishing Surface		35°	Φ 22.0 H 13.55 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XR	
HX-CREE-8 Polishing Surface		8°	Φ 23.38 H 15.48 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XR	

Single Lens

XR

Single Lens
XR

Multi Lenses
XP-C
XP-E
XP-G
XT-E
XB-D

Part Number	Pictures	FOV (Full Degree)	Dimensions (Unit: MM)	Material	For LEDs	Note
HX-CREE-15L Beads Surface		15°	Φ 23.38 H 15.48 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XR	
HX-CREE-30L Beads Surface		30°	Φ 23.38 H 15.48 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XR	
HX-CREE-45 Matte Surface		45°	Φ 22.2 H 15.55 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XR	
HX-CREE-60 Polishing+Matte Surface		60°	Φ 22.2 H 15.55 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XR	
HX-CREE-70 Polishing Surface		70°	Φ 20.96 H 10.7 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XR	
HX-CREE-80 Polishing Surface		80°	Φ 20.96 H 9.10 With White Holder or Black Holder	Lens: Optical Grade PMMA PC Holder: ABS Transmittance: 93%	CREE Xlamp XR	XR
HX-SD63-15 Polishing Surface		15°	Φ 23.0 H 11.0	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-SD63-30L Beads Surface		30°	Φ 23.0 H 11.0	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-SD63-30M Matte Surface		30°	Φ 23.0 H 11.0	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CS25x3-30 Polishing Surface		30°	Φ 25.0 H 7.58	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-CS25x3-30M Matte Surface		30°	Φ 25.0 H 7.58	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CS25x3-45L Beads Surface		45°	Φ 25.0 H 7.58	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CS25x3-60M Matte Surface		60°	Φ 25.0 H 7.58	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CS25x3-70L Beads Surface		70°	Φ 25.0 H 7.58	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-CS25x4-30 Polishing Surface		30°	Φ 25.0 H 7.95	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XP-E CREE Xlamp XP-G	
HX-CS32x4B-45 Beads Surface		45°	Φ 32.0 H 7.28	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-SD144-15M Matte Surface		15°	Φ 25.0 H 10.4	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	
HX-SD144-30L Beads Surface		30°	Φ 25.0 H 10.4	Lens: Optical Grade PMMA PC Holder: N/A Transmittance: 93%	CREE Xlamp XP-C CREE Xlamp XT-E CREE Xlamp XP-E CREE Xlamp XB-D CREE Xlamp XP-G	

