

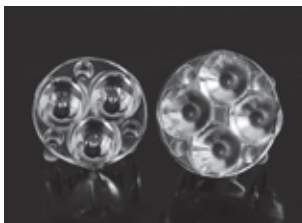


Lens Application

Indoor Lighting

Multi Lens

DM/DN Series

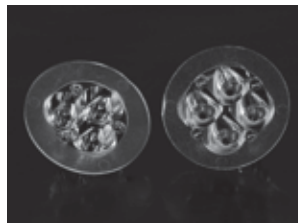


LED:

Cree XPE/ XPG
Edison Federal
Lumileds Rebel / Luxeon A
Nichia NVS19A
Osram Oslon 80
Seoul Z5

Part Number	Type	DxH(mm)	FWHM
LL03LU-DMxxL06	3 in 1	23.1x11	15° 25° 40°
LL04LU-DNxxL06	4 in 1	25.4x10.5	

QQ Series



LED:

Cree XPE/ XPG
Edison Federal 3045
Lumileds Rebel / Rebel ES
Nichia NVS19A / NVS19B
Osram Oslon 80
Seoul Z5

Part Number	Type	DxH(mm)	FWHM
LL03NI-QQxxL06	3 in 1	35x10.5	15°
LL04NI-QQxxL06	4 in 1	35x10.5	

DO Series



LED:

Cree XPE/ XPG
Edison Federal
Lumileds Rebel / Luxeon A
Nichia NVS19A
Osram Oslon 80 / Square
Seoul Z5

Part Number	Type	DxH(mm)	FWHM
LL03LU-DOxxL06	3 in 1	35x10.6	15° 25° 40°
LL04LU-DOxxL06	4 in 1	35x10.4	

BFR Series



LED:

Cree XTE
Nichia NVS19B / 757A

Part Number	Type	DxH(mm)	FWHM
LL05CR-BFRxxL06	5in1	35.8x6.3	25° 40° 60°
LL07CR-BFRxxL06	7in1		

RX Series

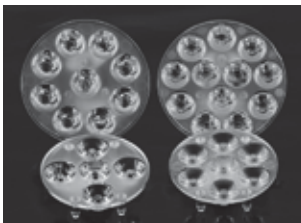


Part Number	Type	DxH(mm)	FWHM
LL03CR-RXxxL06	3in1	35x9.6	25° 40° 60°
LL04CR-RXxxL06	4in1	35x9.7	
LL06CR-RXxxL06	6in1	50x9.65	
LL07CR-RXxxL06	7in1	50x10.3	40° 60°
LL09CR-RXxxL06	9in1	70x10.3	
LL12CR-RXxxL06	12in1	70x10.3	

LED:

Cree XPE/ XPG/ XPG2 / XTE/ XBD
Edison Federal 3045/3535
Lumileds Rebel / Rebel ES / Luxeon A
Nichia NCS19A/NVS19B
Osram Oslon 80

FR Series

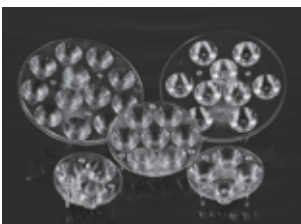


Part Number	Type	DxH(mm)	FWHM
LL05CR-FRxxL06	5in1	35.8x6.5	25° 40° 60°
LL07CR-FRxxL06	7in1	35.8x6.5	
LL09CR-FRxxL06	9in1	45x7 / 45X6.8(60°)	
LL12CR-FRxxL06	12in1	45x7 / 45X6.8(60°)	

LED:

Cree XPE
Edison Federal

ED-GK Series

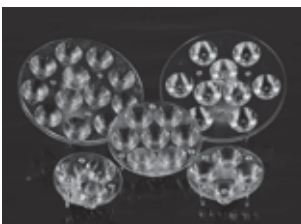


Part Number	Type	DxH(mm)	FWHM
LL03ED-GKxxL06	3in1	33.2x10.2	25° 40° 60°
LL04ED-GKxxL06	4in1	37x10.3	
LL07ED-GKxxL06	7in1	47x10.5 / 47x10.2(25°)	
LL09ED-GKxxL06	9in1	67x10.8 / 67x10.2(25°)	
LL12ED-GKxxL06	12in1	67x10.8 / 67x10.2(25°)	

LED:

Cree XPE/ XPG
Edison Federal 3045
Lumileds Rebel / Rebel ES
Nichia NCS19A/NVS19A/NVS19B

OS-GK Series

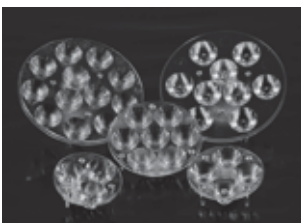


Part Number	Type	DxH(mm)	FWHM
LL03OS-GKxxL06	3in1	33.2x9.8	25° 40° 60° 80°
LL04OS-GKxxL06	4in1	37x9.8	40° 60° 80°
LL07OS-GKxxL06	7in1	47x9.8	
LL09OS-GKxxL06	9in1	67x9.8	
LL12OS-GKxxL06	12in1	67x9.8	

LED:

Lumileds Luxeon T
Nichia NCS19A/NVS19A
Osram Oslon 80 / Square

UY Series



Part Number	Type	DxH(mm)	FWHM
LL03ED-UYxxL06	3in1	33.2x10.3	40° 60°
LL04ED-UYxxL06	4in1	37x10.3	
LL07ED-UYxxL06	7in1	47x10.3	
LL09ED-UYxxL06	9in1	67x10.3	
LL12ED-UYxxL06	12in1	67x10.3	

LED:

Cree XPE/ XPG
Edison Federal 3045
Lumileds Rebel / Rebel ES
Nichia NCS19A/NVS19A/NVS19B