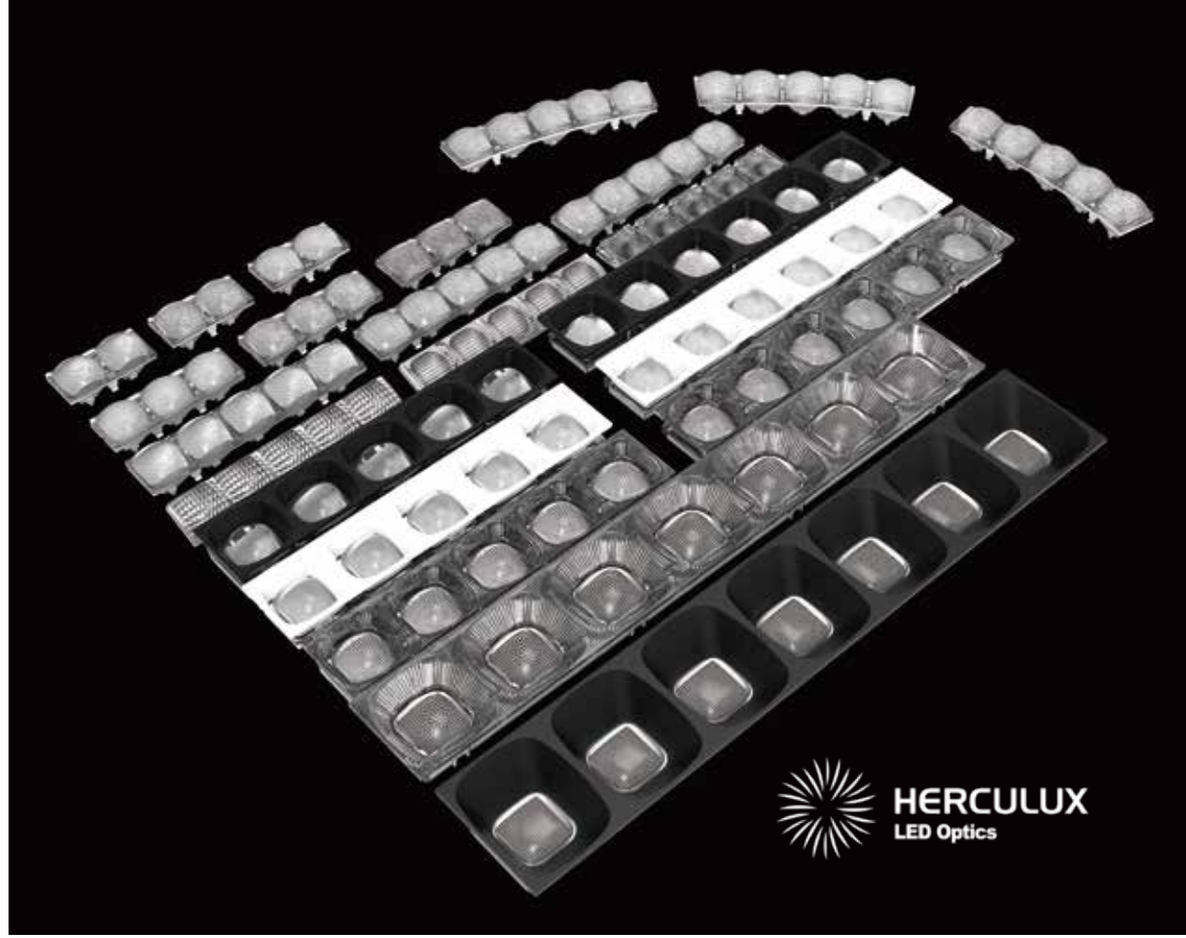


HERCULUX
STARRY OPTICAL PLATFORM

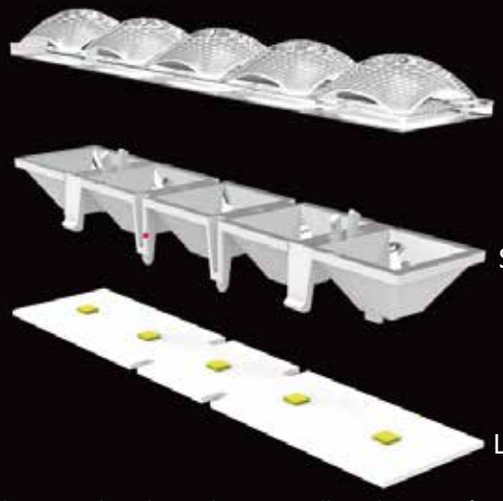
Chengdu HERCULUX Photoelectric Technology Co., Ltd. is a national "little giant" high-tech enterprise committed to providing optical system solutions for LED lighting, UV LED curing, laser projection Film, AOI machine vision detection and other applications

《2026/09 Version》

Chengdu HercuLux Photoelectric Technology Co., Ltd.

Website WeChat LinkedIn

Add: Room 501-510, Comprehensive Service Building, Innovation Industrial Park, Nanshan Cloud Valley, Nanshan District, Shenzhen City, Guangdong P.R China, Zip code: 518055
Tel: +86 755 2640 6841 Fax: +86 755 2907 5140
Email: sales@herculux.com
Website: http://www.herculux.com



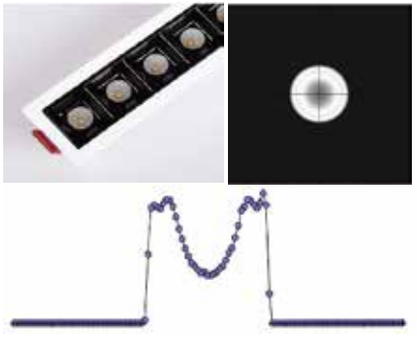
Grille-free design, ultra-low glare, excellent lens surfaceillumination uniformity.

Development Background

Currently, linear light on the market are all in the form of lens + grille, or reflector + grille, which are combined by buckles.



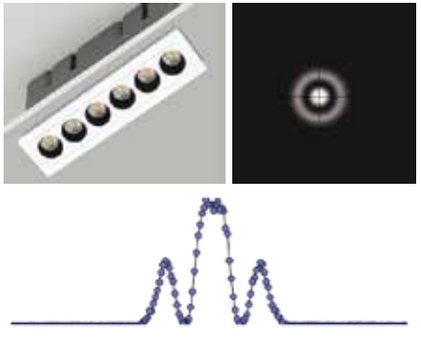
Reflector + Louver



D20 Reflector@100lm
Illumination:640000

Disadvantage： the center light is uncontrollable, the design height is very high, and the center of the surface illumination is sunken.

Lens + Louver



D20 lens@100lm
Illumination:1800000

Disadvantage: the surface uniformity is very low, the center brightness is huge, and not anti-glare.

FIREFLY SERIES

New Solution Design Principles





D20 New Design@100lm
Illumination: 310000

First optics： Collect light and blend it together.
Second optics:Re-adjust the light correction to achieve even light distribution.

Surface Illumination Comparison



Regular solutions on the market

Ordinary lens or reflector with grille. The surface brightness is not uniform. The lens/reflector is blinding when seen over the grille.



HercuLux solution

Firefly series lens, precise light control at the same time, the surface illumination uniformity is very good, when you look directly at the lens is not glare.

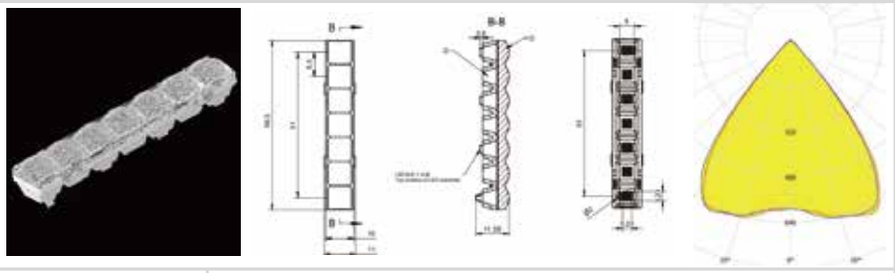
Firefly-Starry-10



√ Ultra low glare
√ High CBCP
√ Extremely narrow size
√ Excellent color mixing

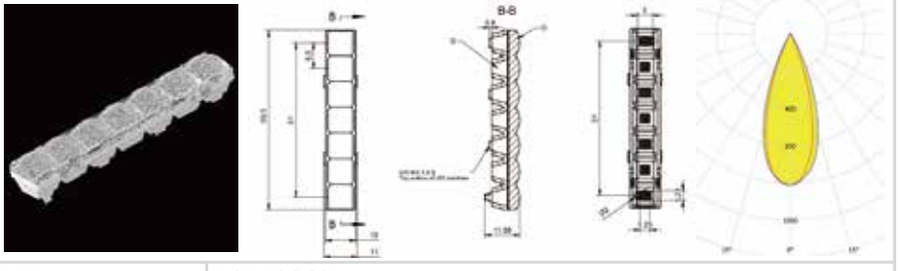
Application: Cabinet lighting, Commercial lighting, Smart home lighting ,Museum lighting, Display lighting

Firefly-Starry-10-7 IN 1-80



MN	1.01.44028
PN	HK-YHXK-59@12-80-3030-#0-1g-7 ASM
Dimension	59.3×11×11.59
LED	3030
FWHM	80° **(Equiluminous Design)**
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

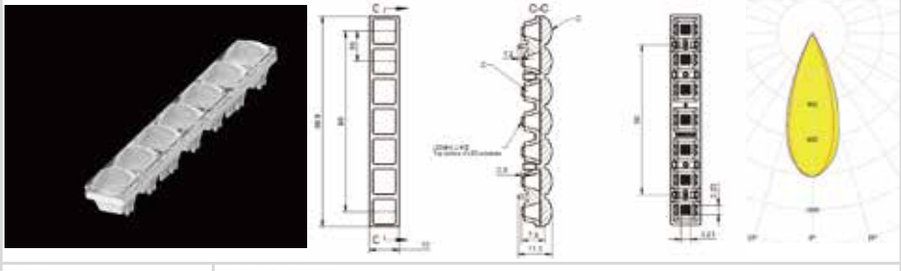
Firefly-Starry-10-7 IN 1-45



MN	1.01.43968
PN	HK-YHXK-59@12-45-3030-#0-1g-7_ASM
Dimension	59.3×11×11.59
LED	3030
FWHM	45°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

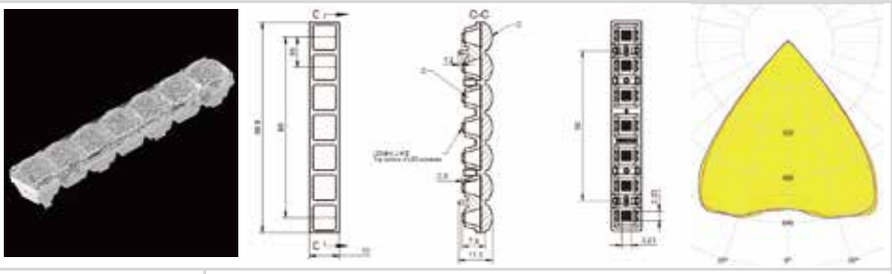
Firefly-Starry-10-7 IN 1-45-B

ZHAGA Regular Member



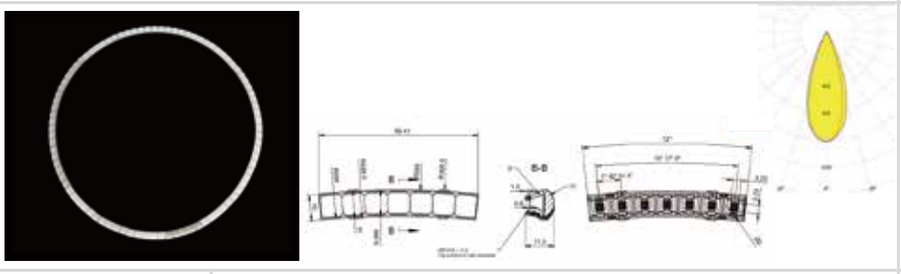
MN	1.01.54621
PN	HK-YHXK-70@12-45-3030-#0-1g-7_ASM
Dimension	69.9×10×11.3
LED	3030
FWHM	45°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-7 IN 1-80-B



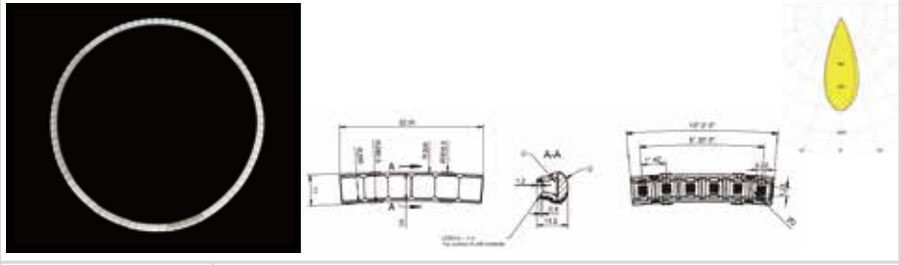
MN	1.01.64810
PN	HK-YHXK-70@11-80-303-#0-1g-7_ASM
Dimension	69.9×10×11.3
LED	3030
FWHM	80°
LENS： PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.54630) Color: Black/White/Clear	

Firefly-Starry-10-CRV-7 IN 1-45



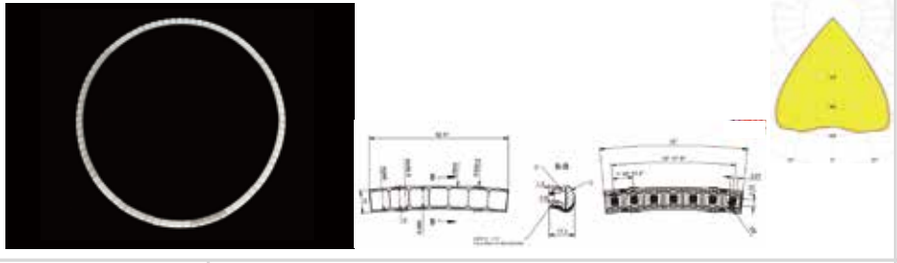
MN	1.01.44169
PN	HK-YHXK-63@12-45-3030-#0-1g-7_ASM
Dimension	62.41×10×11.3
LED	3030
FWHM	45°
LENS： PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-CRV-6 IN 1-45



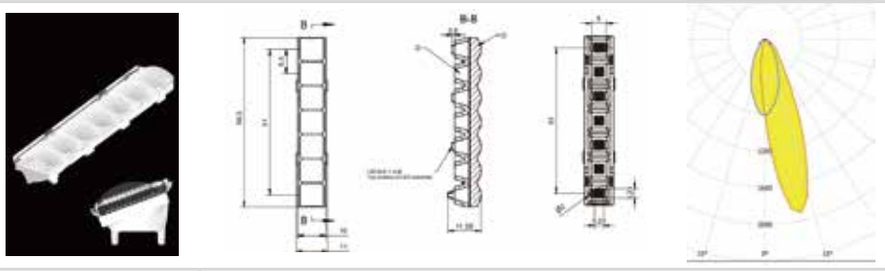
MN	1.01.44072
PN	HK-YHXK-52@12-45-3030-#0-1g-6_ASM
Dimension	59.3×11×11.3
LED	3030
FWHM	45°
LENS： PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-CRV-7 IN 1-80



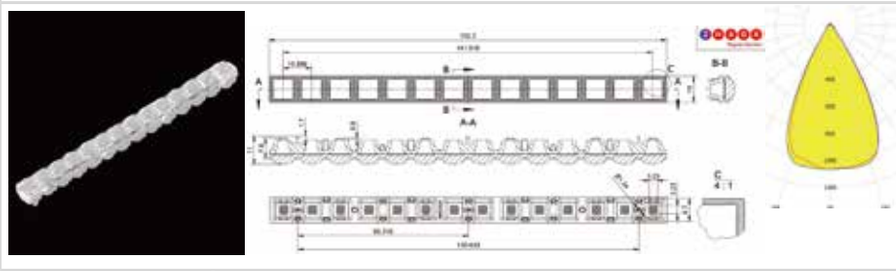
MN	1.01.44323
PN	HK-YHXK-62@12-80-3030-#0-1g-7_ASM
Dimension	62.41×10×11.3
LED	3030
FWHM	80° **(Equiluminous Design)**
LENS： PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-7 IN 1-WW



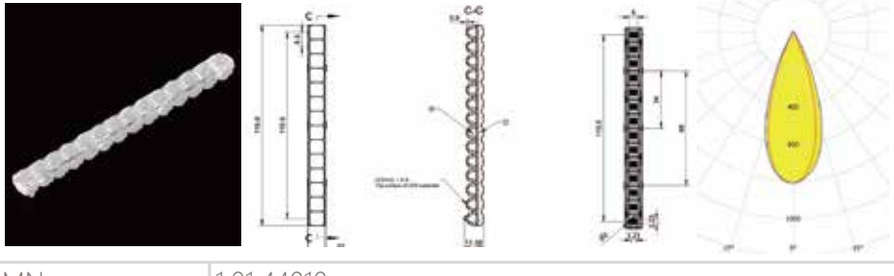
MN	1.01.44220
PN	HK-YHXK-59@09-XQ-3030-#0-1g-7_ASM
Dimension	59.3×11×11.59
LED	3030
FWHM	Washing
LENS： PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-14 IN 1-60-C



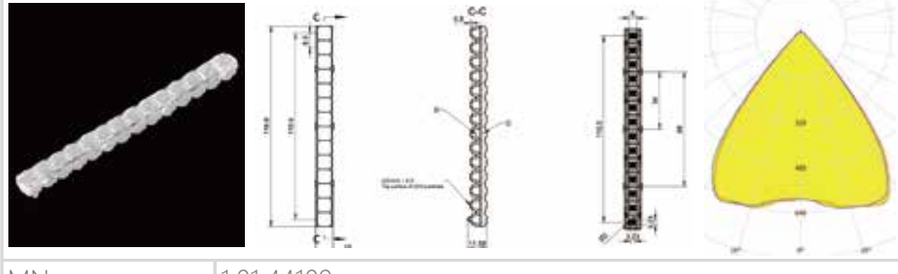
MN	1.01.54731
PN	HK-YHXK-152@11-60-3030-#0-1g-14_ASM
Dimension	152.2×10×11
LED	3030
FWHM	60°
LENS： PMMA	Reflector:Vaccum Aluminum Plating PC
7 IN 1 Louver (1.07.54733) Color: Black/White/Claer	

Firefly-Starry-10-14 IN 1-45



MN	1.01.44010
PN	HK-YHXK-119@12-45-3030-#0-1g-14_ASM
Dimension	118.8×110×11.59
LED	3030
FWHM	45°
LENS： PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-14 IN 1-80



MN	1.01.44109
PN	HK-YHXK-119@12-80-3030-#0-1g-14_ASM
Dimension	118.8×10×11.59
LED	3030
FWHM	80° **(Equiluminous Design)**
LENS： PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-15

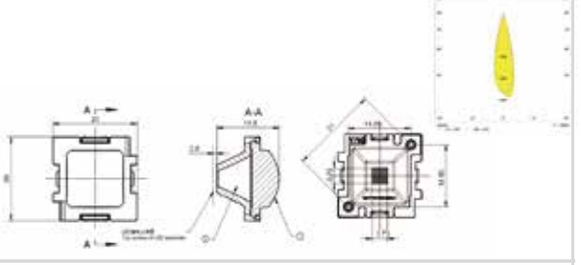
√ Ultra low glare
√ Extremely narrow size
√ High CBCP
√ Mix CCT RGB,Excellent color mixing
√ ▲CCT < 50K



Application：Commercial lighting，Smart home lighting ,Museum lighting，Office lighting

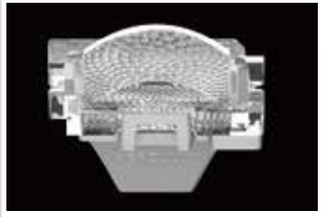
Firefly-Starry-15-1 IN 1-24

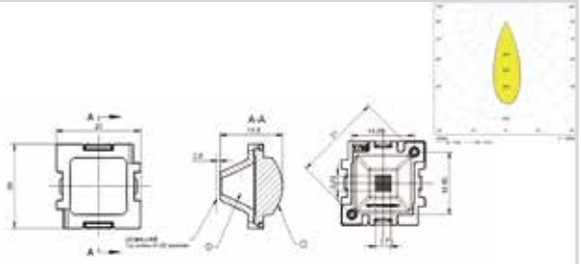




MN	1.01.43958
PN	HK-YHXK-20@15-24-3030-#0-1g-1_ASM
Dimension	20×20×14.8
LED	3030, 3535
FWHM	24°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.43962)	

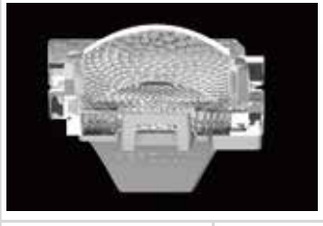
Firefly-Starry-15-1 IN 1-40

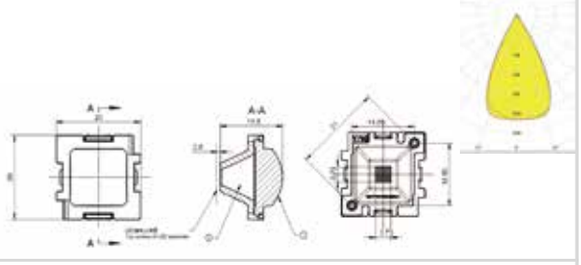




MN	1.01.43959
PN	HK-YHXK-20@15-40-3030-#0-1g-1_ASM
Dimension	20×20×14.8
LED	3030, 3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.43962)	

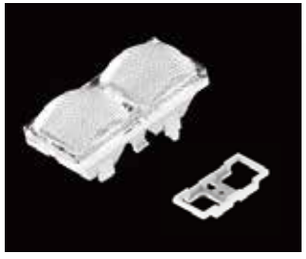
Firefly-Starry-15-1 IN 1-60

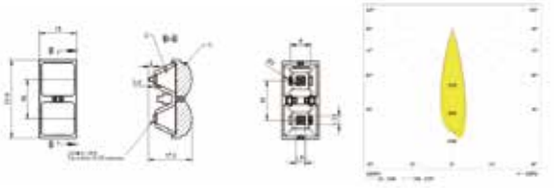




MN	1.01.43960
PN	HK-YHXK-20@15-60-3030-#0-1g-1_ASM
Dimension	20×20×14.8
LED	3030, 3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.43962)	

Firefly-Starry-15-2 IN 1-24

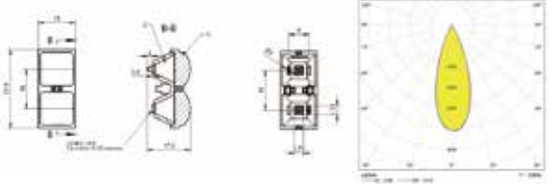




MN	1.01.33917
PN	HK-YHXK-32@17-24-3030-#0-1g-2_ASM-Y
Dimension	31.8×15×17.6
LED	3030，3535
FWHM	24°
LENS：PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.43941)	

Firefly-Starry-15-2 IN 1-40

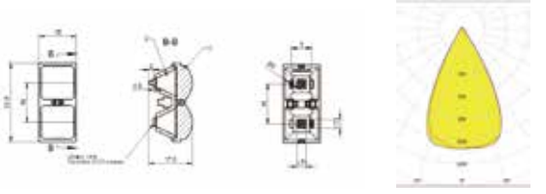




MN	1.01.33918
PN	HK-YHXK-32@17-40-3030-#0-1g-2_ASM
Dimension	31.8×15×17.6
LED	3030，3535
FWHM	40°
LENS：PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.43941)	

Firefly-Starry-15-2 IN 1-60

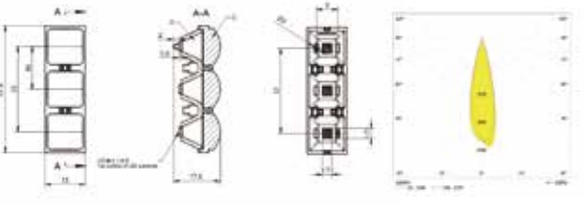




MN	1.01.33919
PN	HK-YHXK-32@17-60-3030-#0-1g-2_ASM
Dimension	31.8×15×17.6
LED	3030，3535
FWHM	60°
LENS：PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.43941)	

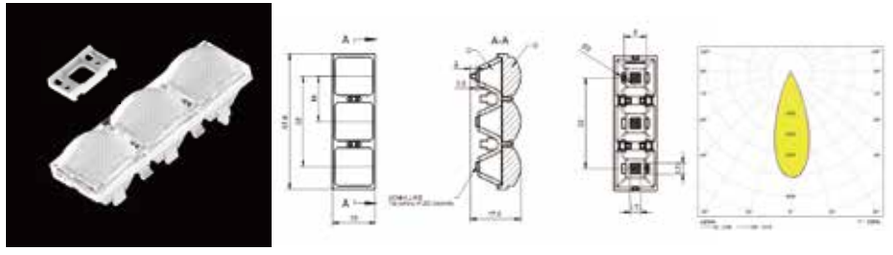
Firefly-Starry-15-3 IN 1-24





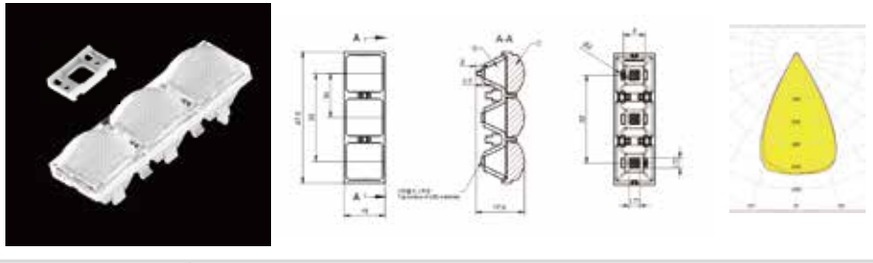
MN	1.01.33920
PN	HK-YHXK-48@17-24-3030-#0-1g-3_ASM-Y
Dimension	47.8×15×17.6
LED	3030，3535
FWHM	24°
LENS：PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.43942)	

Firefly-Starry-15-3 IN 1-40



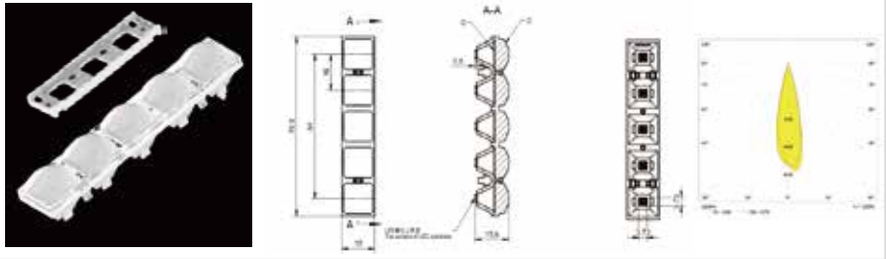
MN	1.01.33921
PN	HK-YHXK-48@17-40-3030-#0-1g-3_ASM
Dimension	47.8×15×17.6
LED	3030，3535
FWHM	40°
LENS：PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.43942)	

Firefly-Starry-15-3 IN 1-60



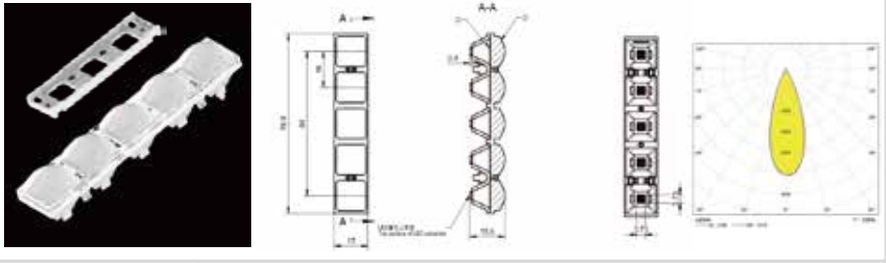
MN	1.01.33922
PN	HK-YHXK-48@17-60-3030-#0-1g-3_ASM
Dimension	47.8×15×17.6
LED	3030，3535
FWHM	60°
LENS：PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.43942)	

Firefly-Starry-15-5 IN 1-24



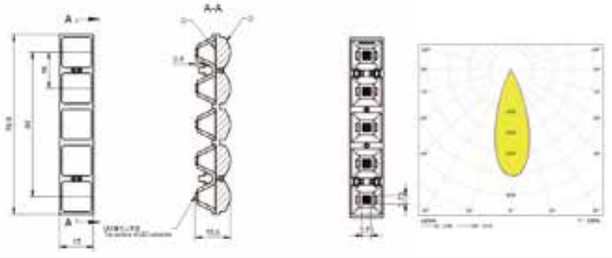
MN	1.01.33928
PN	HK-YHXK-80@17-24-3030-#0-1g-5_ASM-Y
Dimension	79.8×15×15.6
LED	3030，3535
FWHM	24°
LENS：PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder (1.07.43943) 5 IN 1 Louver (1.07.44407)	

Firefly-Starry-15-5 IN 1-40



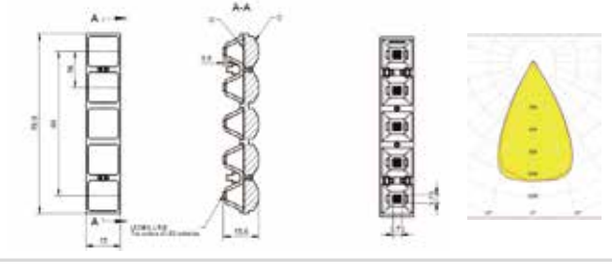
MN	1.01.33929
PN	HK-YHXK-80@17-40-3030-#0-1g-5_ASM
Dimension	79.8×15×15.6
LED	3030，3535
FWHM	40°
LENS：PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder (1.07.43943) 5 IN 1 Louver (1.07.44407)	

Firefly-Starry-15-5 IN 1-40 (2×3030, 1×5050)

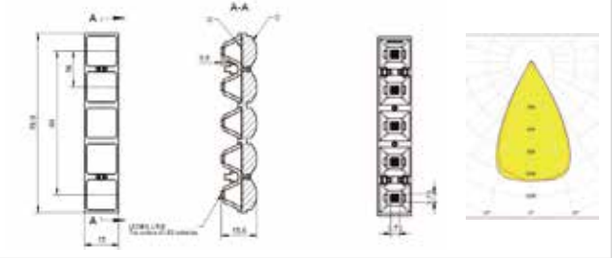
MN	1.01.33929_2K
PN	HK-YHXK-80@17-40-2X3030-#0-1g-5_ASM_2K
Dimension	79.8×15×15.6
LED	2×3030，1×5050
FWHM	40°
LENS：PMMA　　Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.43943)　5 IN 1 Holder-2 (1.07.44370)　5 IN 1 Louver (1.07.44407)	

Firefly-Starry-15-5 IN 1-60

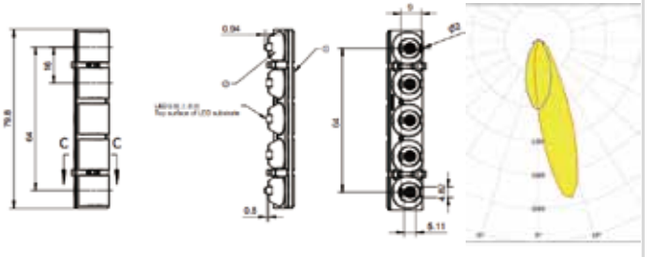
MN	1.01.33930
PN	HK-YHXK-80@17-60-3030-#0-1g-5_ASM
Dimension	79.8×15×15.6
LED	3030，3535
FWHM	60°
LENS：PMMA　　Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.43943)　5 IN 1 Holder-2 (1.07.44370)　5 IN 1 Louver (1.07.44407)	

Firefly-Starry-15-5 IN 1-60 (2×3030, 1×5050)

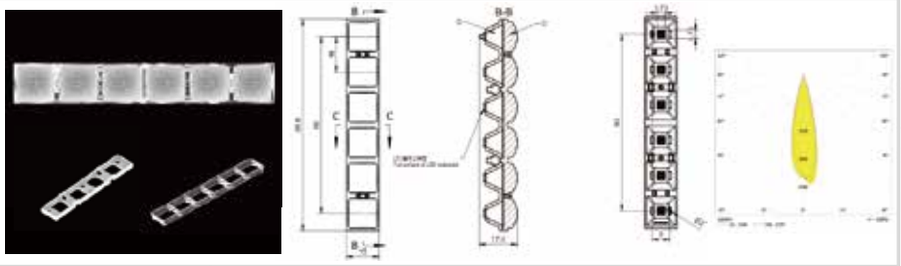
MN	1.01.33930_2K
PN	HK-YHXK-80@17-60-2X3030-#0-1g-5_ASM_2K
Dimension	79.8×15×15.6
LED	2×3030，1×5050
FWHM	60°
LENS：PMMA　　Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.43943)　5 IN 1 Holder-2 (1.07.44370)　5 IN 1 Louver (1.07.44407)	

Firefly-Starry-15-5 IN 1-WW

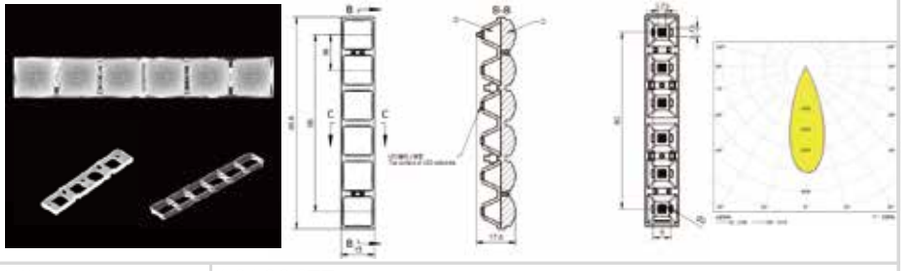
MN	1.01.44139
PN	HK-YHXK-80@13-XQ-3030-#0-1g-5_ASM
Dimension	79.8×15×13
LED	3030，3535
FWHM	Washing
LENS：PMMA　　Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Washing Holder (1.07.44174)	

Firefly-Starry-15-6 IN 1-24



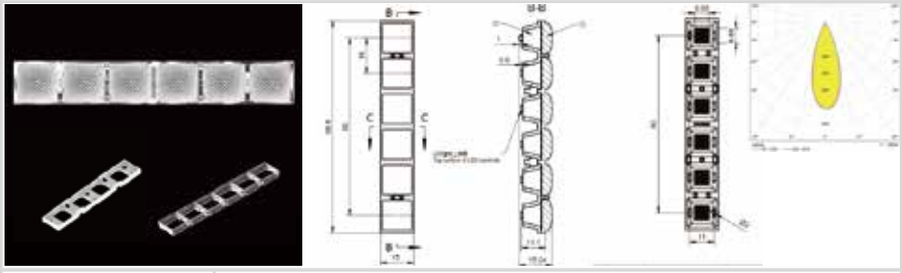
MN	1.01.33662
PN	HK-YHXK-96@17-24-3030-#0-1g-6_ASM
Dimension	95.8×15×17.6
LED	3030，3535
FWHM	24°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder (1.07.33801)	6 IN 1 Louver (1.07.33803)

Firefly-Starry-15-6 IN 1-40



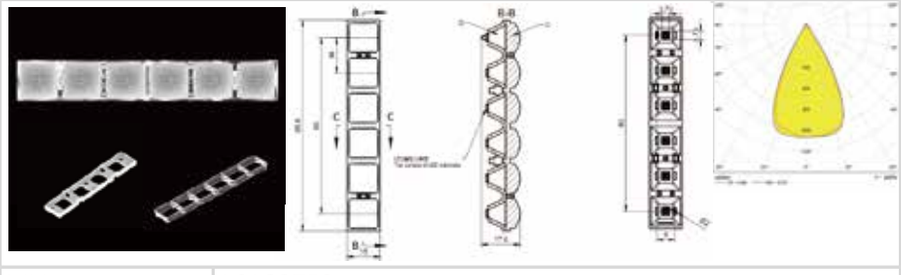
MN	1.01.33677
PN	HK-YHXK-96@17-40-3030-#0-1g-6_ASM
Dimension	95.8×15×17.6
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder (1.07.33801)	6 IN 1 Louver (1.07.33803)

Firefly-Starry-15-6 IN 1-40 (2×3030, 1×5050)



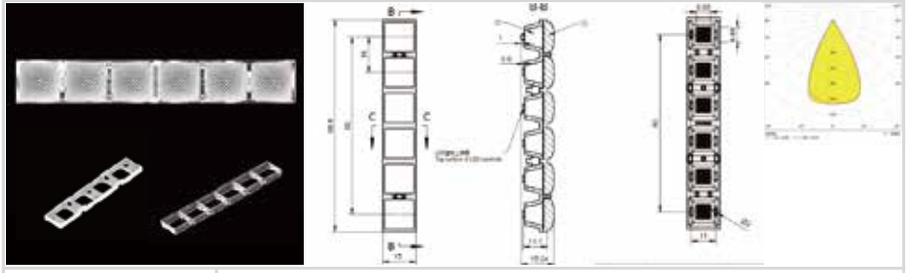
MN	1.01.33677_2K
PN	HK-YHXK-96@17-40-2X3030-#0-1g-6_ASM_2K
尺寸	95.8×15×15.04
LED	2×3030，1×5050
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.33801)	6 IN 1 Holder-2 (1.07.44370) 6 IN 1 Louver (1.07.33803)

Firefly-Starry-15-6 IN 1-60



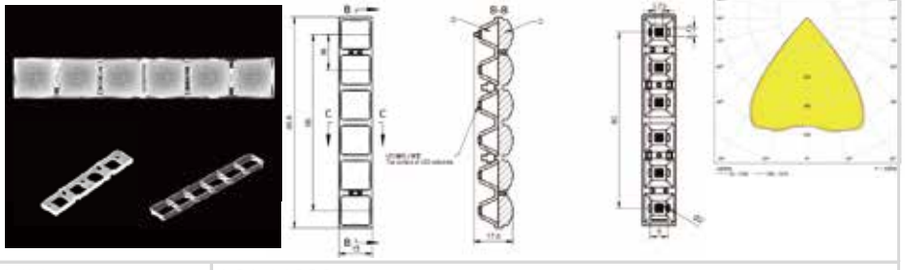
MN	1.01.33752
PN	HK-YHXK-96@17-60-3030-#0-1g-6_ASM
Dimension	95.8×15×17.6
LED	3030，3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN1 Holder (1.07.33801)	6 IN 1 Louver (1.07.33803)

Firefly-Starry-15-6 IN 1-60 (2×3030，1×5050)



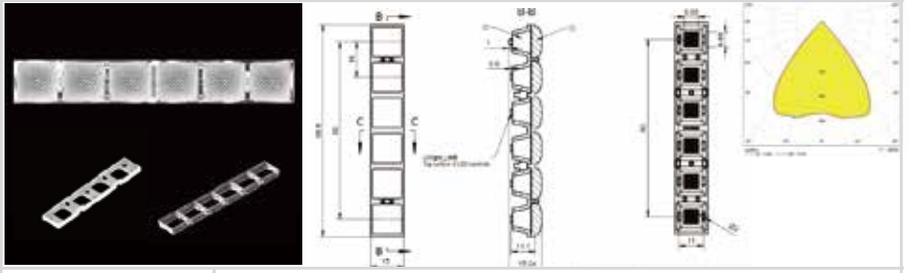
MN	1.01.33752_2K
PN	HK-YHXK-96@17-60-2X3030-#0-1g-6_ASM_2K
Dimension	95.8×15×15.04
LED	2×3030，1×5050
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.33801) 6 IN 1 Holder-2 (1.07.44370) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-80



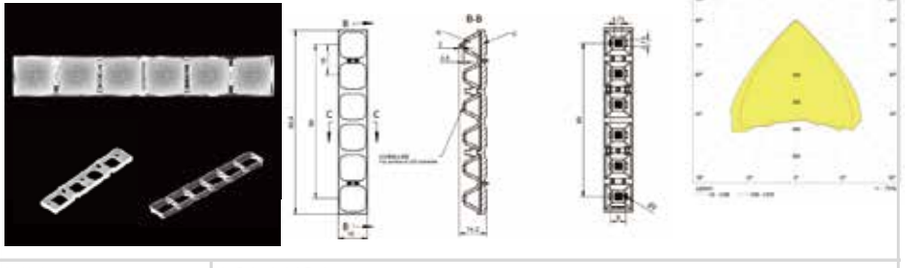
MN	1.01.44029
PN	HK-YHXK-96@16-80-3030-#0-1g-6_ASM
Dimension	95.8×15×17.6
LED	3030，3535
FWHM	80° **(Equiluminous Design)**
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder (1.07.33801)	6 IN 1 Louver (1.07.33803)

Firefly-Starry-15-6 IN 1-80 (2×3030，1×5050)



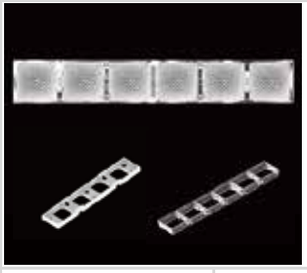
MN	1.01.44029_2K
PN	HK-YHXK-96@15-80-2X3030-#0-1g-6_ASM_2K
Dimension	95.8×15×15.04
LED	2×3030，1×5050
FWHM	80° **(Equiluminous Design)**
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.33801) 6 IN 1 Holder-2 (1.07.44370) 6 IN 1 Louver (1.07.33803)	

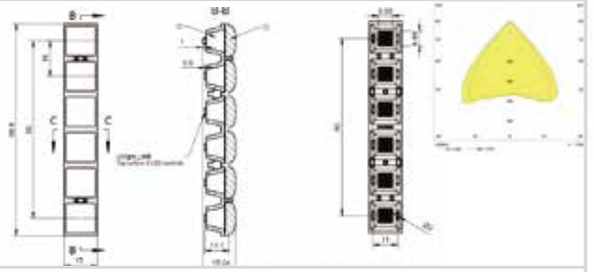
Firefly-Starry-15-6 IN 1-90



MN	1.01.44124
PN	HK-YHXK-96@14-90-3030-#0-1g-6_ASM
Dimension	95.8×15×14.2
LED	3030，3535
FWHM	90° **(Equiluminous Design)**
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder (1.07.33801)	6 IN 1 Louver (1.07.33803)

Firefly-Starry-15-6 IN 1-90 (2×3030，1×5050)

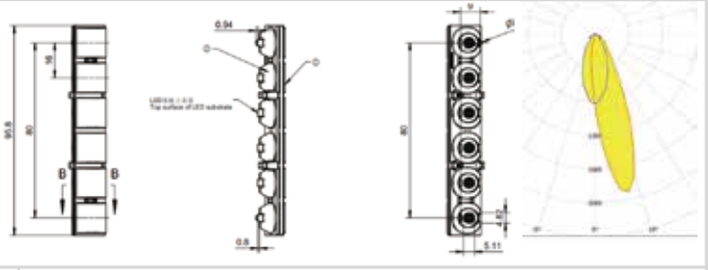




MN	1.01.44124_2K
PN	HK-YHXK-96@13-90-2X3030-#0-1g-6_ASM_2K
Dimension	95.8×15×15.04
LED	2×3030，1×5050
FWHM	90° **(Equiluminous Design)**
LENS：PMMA　　Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.33801)　6 IN 1 Holder-2 (1.07.44370)　6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-WW

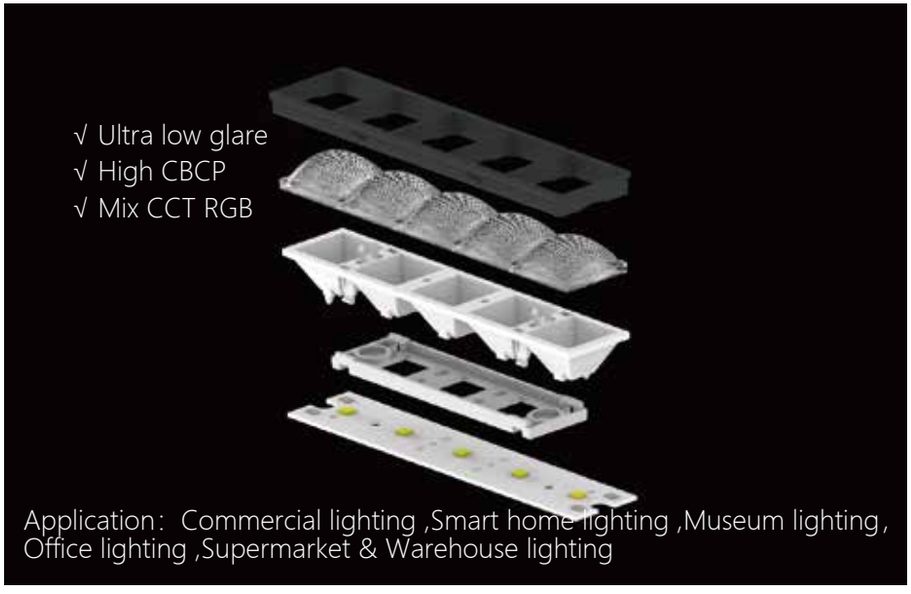




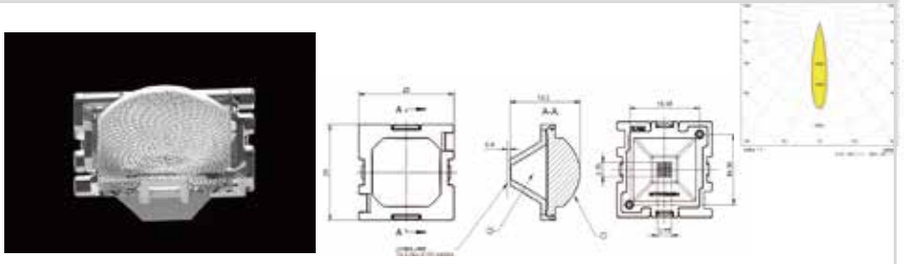
MN	1.01.44138
PN	HK-YHXK-96@13-XQ-3030-#0-1g-6_ASM
Dimension	95.8×15×12.92
LED	3030，3535
FWHM	Washing
LENS：PMMA　　Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Washing Holder (1.07.44173)	



Firefly-Starry-19

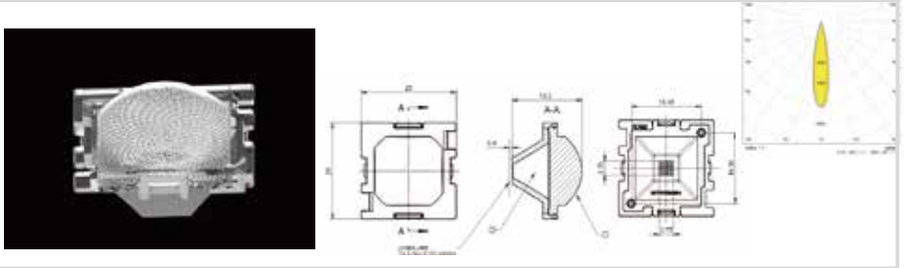


Firefly-Starry-19-1 IN 1-20



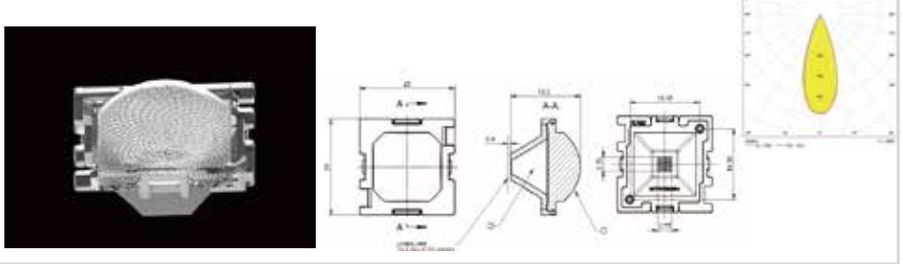
MN	1.01.33876
PN	HK-YHXK-25@19-24-3030-#0-1g-2_ASM-Y
Dimension	25×25×18.3
LED	3030, 3535
FWHM	20°
LENS： PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.33767)	

Firefly-Starry-19-1 IN 1-20



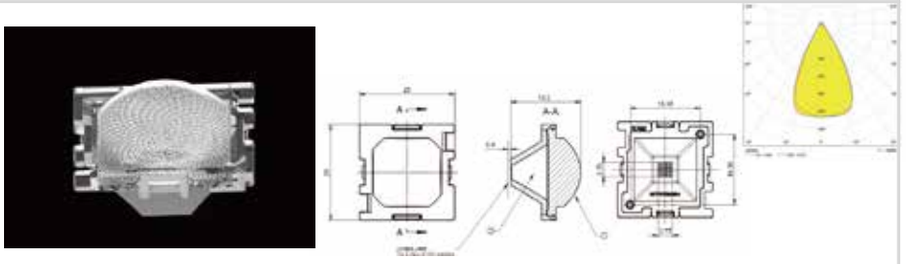
MN	1.01.33766
PN	HK-YHXK-25@19-20-3030-#0-1g-2_ASM-F
Dimension	25×25×18.3
LED	3030, 3535
FWHM	20° **(Squre Spot)**
LENS： PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.33767)	

Firefly-Starry-19-1 IN 1-40



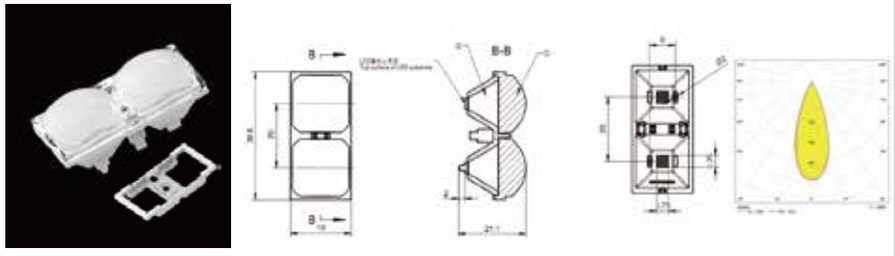
MN	1.01.33866
PN	HK-YHXK-25@19-40-3030-#0-1g-2_ASM-Y
Dimension	25×25×18.3
LED	3030, 3535
FWHM	40°
LENS： PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.33767)	

Firefly-Starry-19-1 IN 1-60



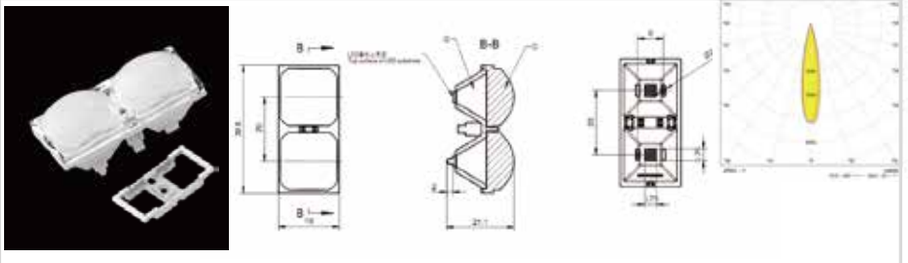
MN	1.01.33867
PN	HK-YHXK-25@19-60-3030-#0-1g-2_ASM-Y
Dimension	25×25×18.3
LED	3030, 3535
FWHM	60°
LENS: PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.33767)	

Firefly-Starry-19-2 IN 1-40



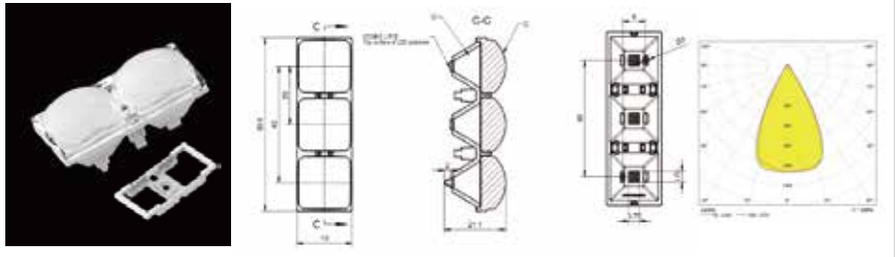
MN	1.01.33857
PN	HK-YHXK-40@21-40-3030-#0-1g-2_ASM
Dimension	39.8×19×21.1
LED	3030，3535
FWHM	40°
LENS: PMMA	Reflector:Vaccum Aluminum Plating PC
2 IN 1 Holder-1 (1.07.43944)	2 IN 1 Holder-2 (1.07.54599)

Firefly-Starry-19-2 IN 1-20



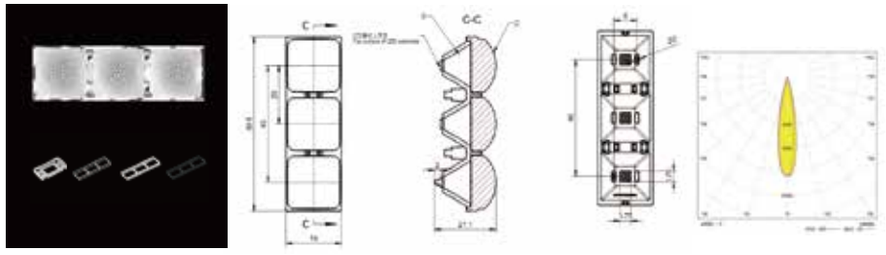
MN	1.01.33856
PN	HK-YHXK-40@21-20-3030-#0-1g-2_ASM-F
Dimension	39.8×19×21.1
LED	3030，3535
FWHM	20°
LENS: PMMA	Reflector:Vaccum Aluminum Plating PC
2 IN 1 Holder-1 (1.07.43944)	2 IN 1 Holder-2 (1.07.54599)

Firefly-Starry-19-2 IN 1-60



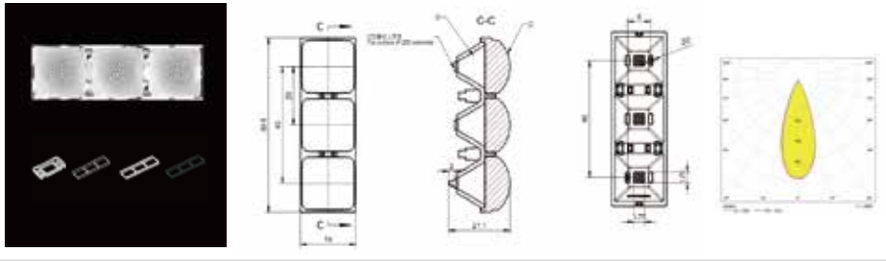
MN	1.01.33858
PN	HK-YHXK-40@21-60-3030-#0-1g-2_ASM
Dimension	39.8×19×21.1
LED	3030，3535
FWHM	60°
LENS: PMMA	Reflector:Vaccum Aluminum Plating PC
2 IN 1 Holder-1 (1.07.43944)	2 IN 1 Holder-2 (1.07.54599)

Firefly-Starry-19-3 IN 1-20



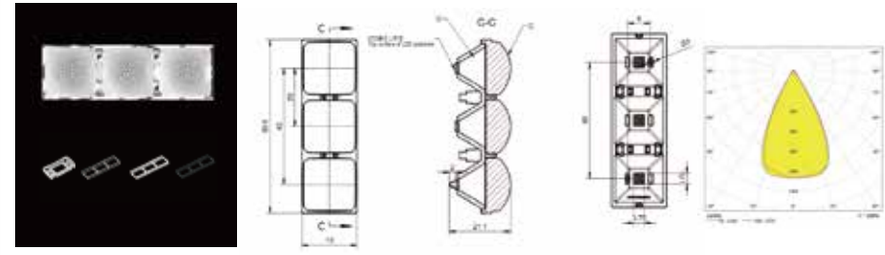
MN	1.01.33859
PN	HK-YHXK-60@21-20-3030-#0-1g-3_ASM-F
Dimension	59.8×19×21.1
LED	3030，3535
FWHM	20°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
3 IN 1 Holder-1 (1.07.43945)	3 IN 1 Holder-2 (1.07.54599) 3 IN 1 Louver (1.07.44046)

Firefly-Starry-19-3 IN 1-40



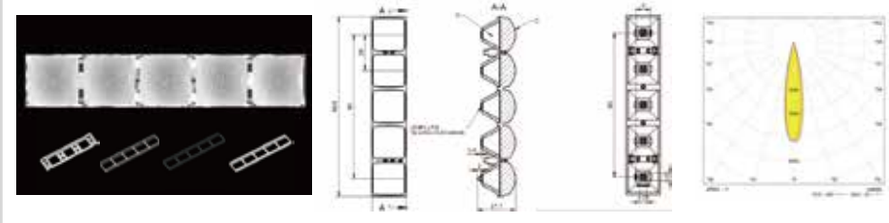
MN	1.01.33860
PN	HK-YHXK-60@21-40-3030-#0-1g-3_ASM
Dimension	59.8×19×21.1
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
3 IN 1 Holder-1 (1.07.43945)	3 IN 1 Holder-2 (1.07.54599) 3 IN 1 Louver (1.07.44046)

Firefly-Starry-19-3 IN 1-60



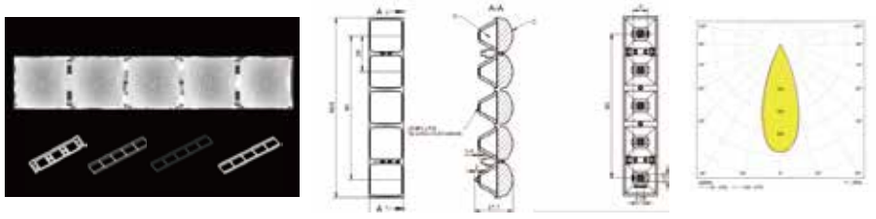
MN	1.01.33861
PN	HK-YHXK-60@21-60-3030-#0-1g-3_ASM
Dimension	59.8×19×21.1
LED	3030，3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
3 IN 1 Holder-1 (1.07.43945)	3 IN 1 Holder-2 (1.07.54599) 3 IN 1 Louver (1.07.44046)

Firefly-Starry-19-5 IN 1-20



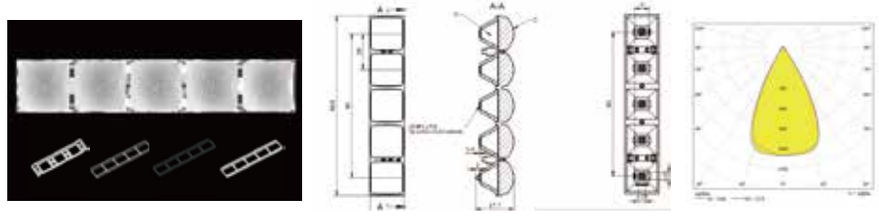
MN	1.02.33619
PN	HK-YHXK-100@20-20-3030-#0-1g-5_ASM
Dimension	99.8×19×21.1
LED	3030，3535
FWHM	20°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33760)	5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)

Firefly-Starry-19-5 IN 1-40



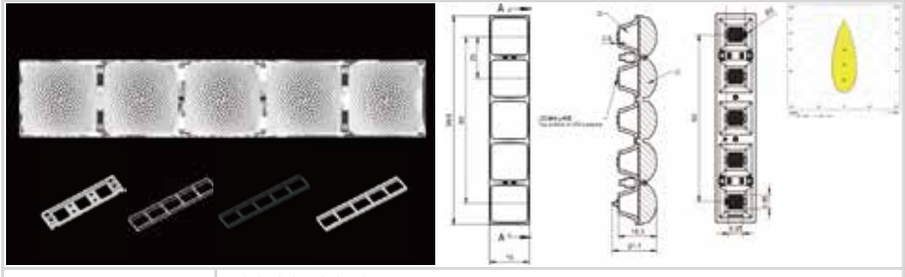
MN	1.02.33720
PN	HK-YHXK-100@18-40-3030-#0-1g-5_ASM
Dimension	99.8×19×21.1
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-60



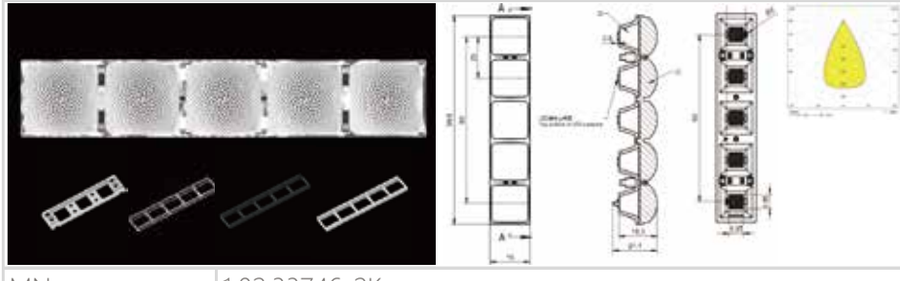
MN	1.02.33746
PN	HK-YHXK-100@20-60-3030-#0-1g-5_ASM
Dimension	99.8×19×21.1
LED	3030，3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-40 (2×3030，1×5050)



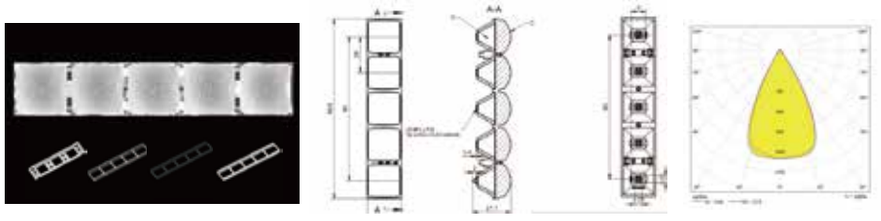
MN	1.02.33720_2K
PN	HK-YHXK-100@18-40-2X3030-#0-1g-5_ASM_2K
Dimension	99.8×19×21.1
LED	2×3030，1×5050
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-60 (2×3030，1×5050)



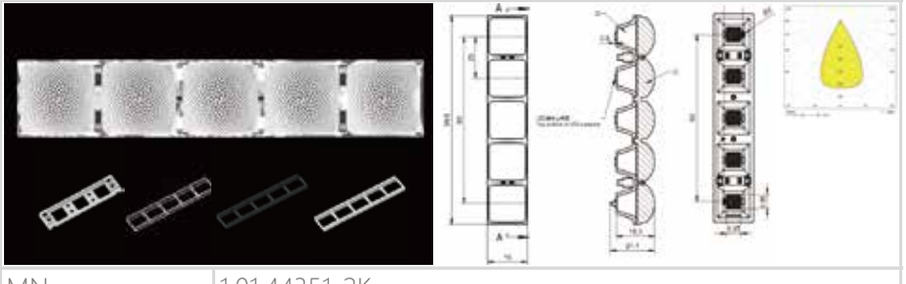
MN	1.02.33746_2K
PN	HK-YHXK-100@20-60-2X3030-#0-1g-5_ASM_2K
Dimension	99.8×19×21.1
LED	2×3030，1×5050
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-60



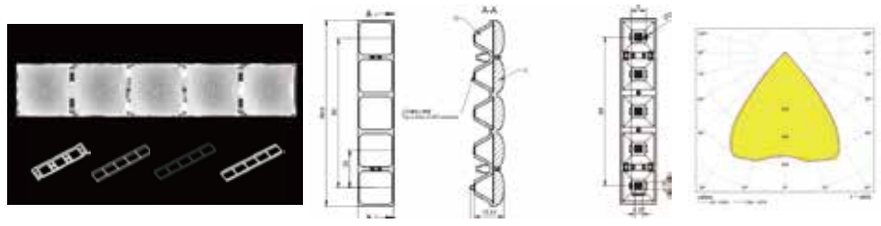
MN	1.01.44351
PN	HK-YHXK-100@20-60-3030-#0-1g-5_ASM_D
Dimension	99.8×19×21.1
LED	3030
FWHM	60° **(Equiluminous Design)**
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-60 (2×3030, 1×5050)



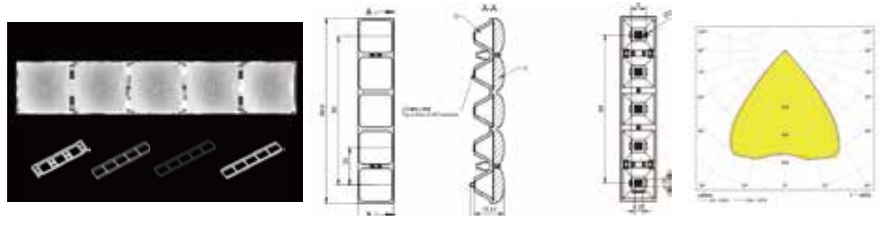
MN	1.01.44351_2K
PN	HK-YHXK-100@20-60-3030-#0-1g-5_ASM_D_2K
Dimension	99.8×19×21.1
LED	2×3030，1×5050
FWHM	60° **(Equiluminous Design)**
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-80



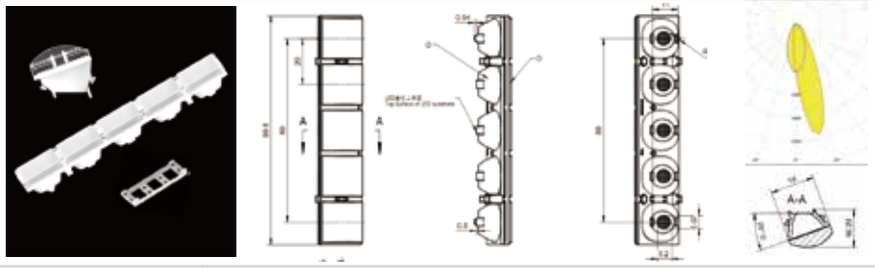
MN	1.01.33886
PN	HK-YHXK-100@18-80-3030-#0-1g-5_ASM
Dimension	99.8×19×18.31
LED	3030，3535
FWHM	80° **(Equiluminous Design)**
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-80 (2×3030, 1×5050)



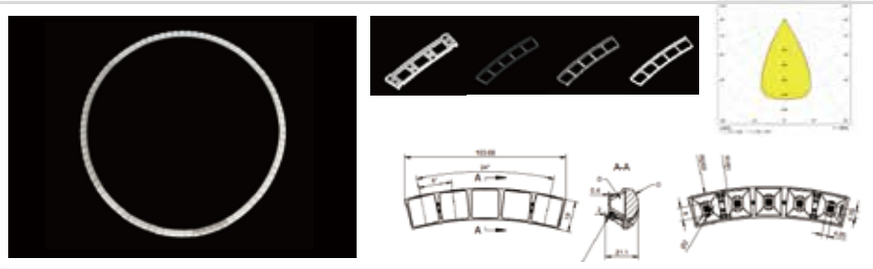
MN	1.01.33886_2K
PN	HK-YHXK-100@18-80-3030-#0-1g-5_ASM_2K
Dimension	99.8×19×18.31
LED	2×3030，1×5050
FWHM	80° **(Equiluminous Design)**
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-WW



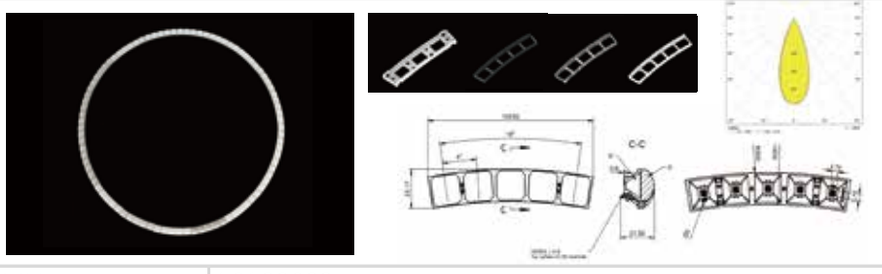
MN	1.01.44073
PN	HK-YHXK-100@17-XQ-3030-#0-1g-5_ASM-2
Dimension	99.8×19×16.29
LED	3030，3535
FWHM	Washing
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN1 Holder (1.07.44082)	

Firefly-Starry-19-5 IN 1-R300-60



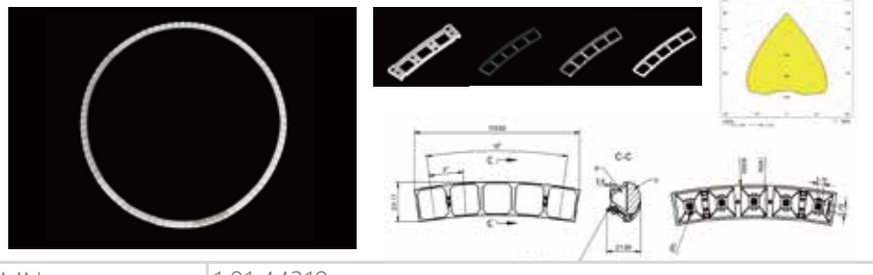
MN	1.01.44318
PN	HK-YHXK-104@21-60-3030-#0-1g-5_ASM
Dimension	103.08×19×21.1
LED	3030，3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33824) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33824)	

Firefly-Starry-19-5 IN 1-R300-40



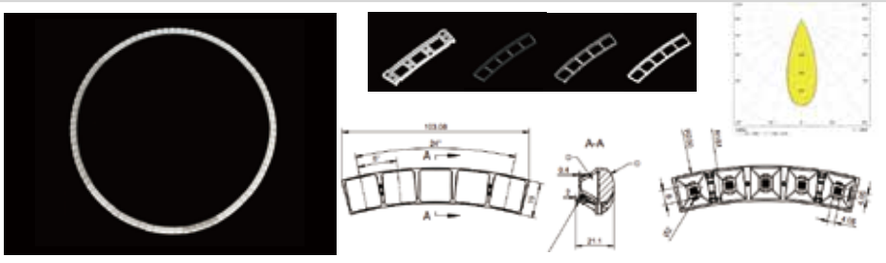
MN	1.01.33823
PN	HK-YHXK-104@21-40-3030-#0-1g-5_ASM
Dimension	103.82×23.17×21.09
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33824) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33824)	

Firefly-Starry-19-5 IN 1-R300-80



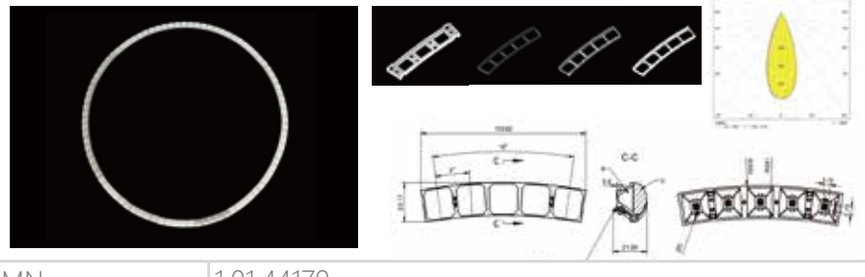
MN	1.01.44319
PN	HK-YHXK-104@18-80-3030-#0-1g-5_ASM
Dimension	103.82×23.17×21.09
LED	3030，3535
FWHM	80°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33824) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33824)	

Firefly-Starry-19-5 IN 1-R200-40



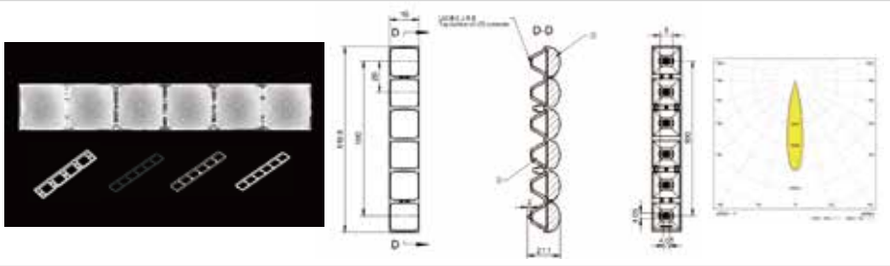
MN	1.01.44153
PN	HK-YHXK-103@21-40-3030-#0-1g-5_ASM
Dimension	103.08×19×21.1
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.44154)	5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.44155)

Firefly-Starry-19-5 IN 1-R400-40



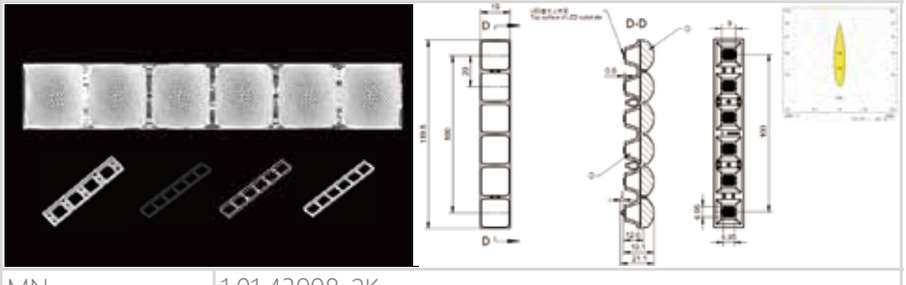
MN	1.01.44179
PN	HK-YHXK-104@21-40-3030-#0-1g-5_ASM
Dimension	104.09×19×21.1
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.44180)	5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.44181)

Firefly-Starry-19-6 IN 1-20



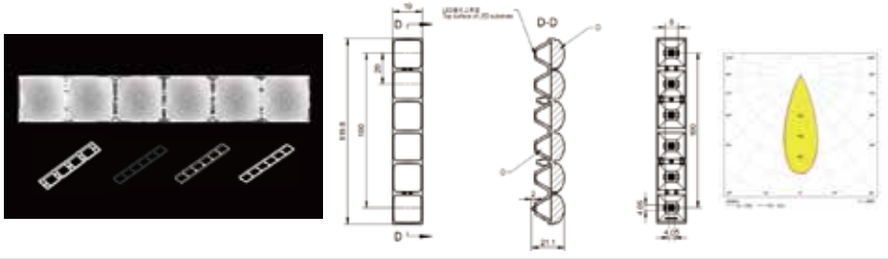
MN	1.01.43998
PN	HK-YHXK-120@21-20-3030-#0-1g-6_ASM-F
Dimension	119.8×19×21.1
LED	3030，3535
FWHM	20°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.44000)	6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)

Firefly-Starry-19-6 IN 1-20 (2×3030, 1×5050)



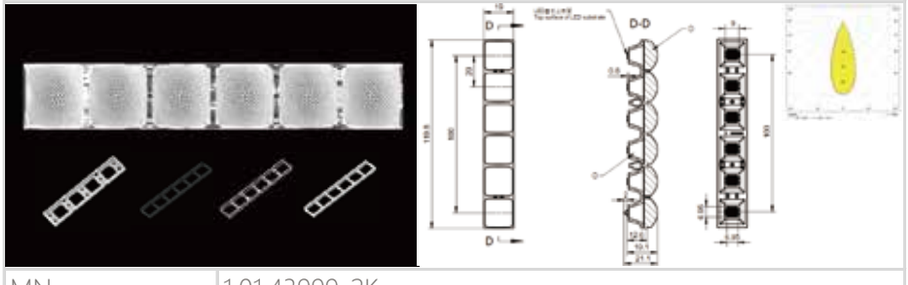
MN	1.01.43998_2K
PN	HK-YHXK-120@21-20-3030-#0-1g-6_ASM-F_2K
Dimension	119.8×19×21.1
LED	2×3030, 1×5050
FWHM	20°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.44000)	6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)

Firefly-Starry-19-6 IN 1-40



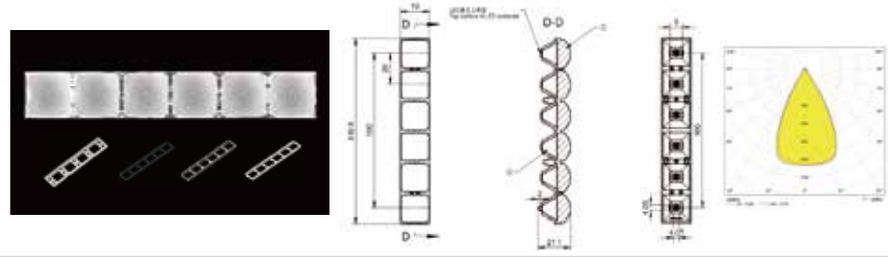
MN	1.01.43999
PN	HK-YHXK-120@21-40-3030-#0-1g-6_AS
Dimension	119.8×19×21.1
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-40 (2×3030, 1×5050)



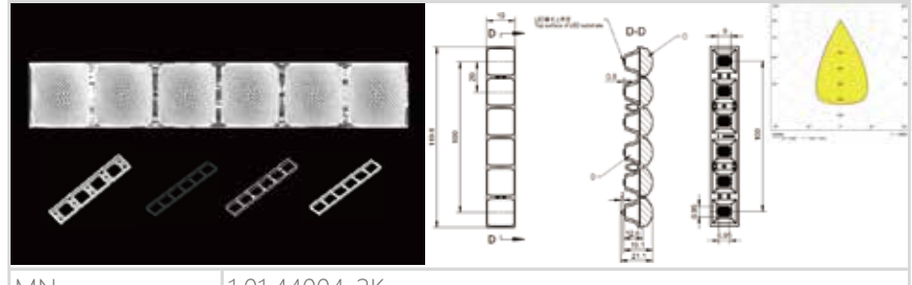
MN	1.01.43999_2K
PN	HK-YHXK-120@21-40-3030-#0-1g-6_AS_2K
Dimension	119.8×19×21.1
LED	2×3030, 1×5050
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-60



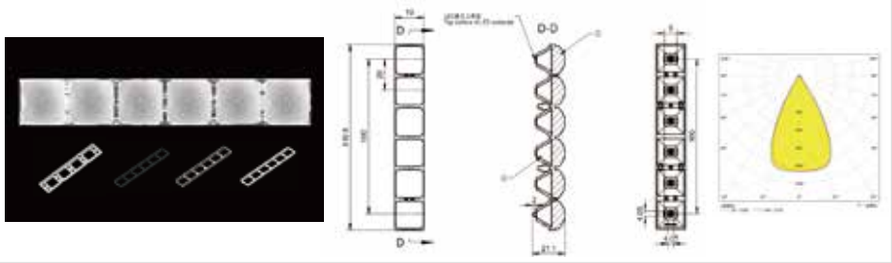
MN	1.01.44004
PN	HK-YHXK-120@21-60-3030-#0-1g-6_ASM
Dimension	119.8×19×21.1
LED	3030，3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-60 (2×3030, 1×5050)



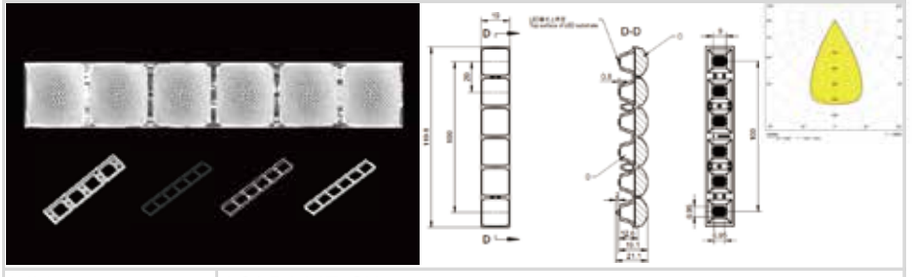
MN	1.01.44004_2K
PN	HK-YHXK-120@21-60-3030-#0-1g-6_ASM_2K
Dimension	119.8×19×21.1
LED	2×3030, 1×5050
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-60



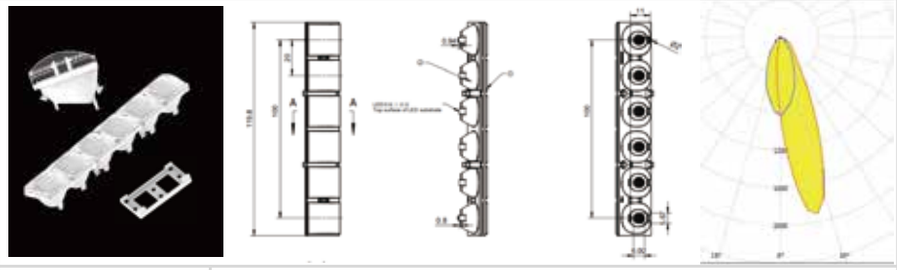
MN	1.01.54447
PN	HK-YHXK-120@20-60-3030-#0-1g-6_ASM_D
Dimension	119.8×19×21.1
LED	3030
FWHM	60° **(Equiluminous Design)**
LENS： PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-9-6 IN 1-60 (2×3030, 1×5050)



MN	1.01.54447_2K
PN	HK-YHXK-120@20-60-3030-#0-1g-6_ASM_D_2K
Dimension	119.8×19×21.1
LED	2×3030, 1×5050
FWHM	60° **(Equiluminous Design)**
LENS： PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-WW



MN	1.01.44115
PN	HK-YHXK-120@17-XQ-3030-#0-1g-6_ASM
Dimension	119.8×19×16.29
LED	3030， 3535
FWHM	Washing
LENS： PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder (1.07.44131)	



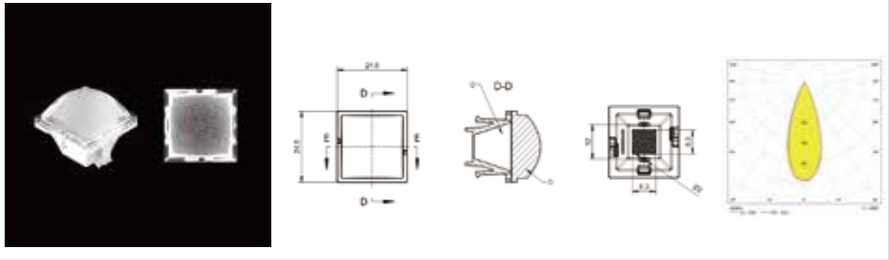
Firefly-Starry-25

√ Ultra low glare
√ High CBCP
√ Mix CCT RGB



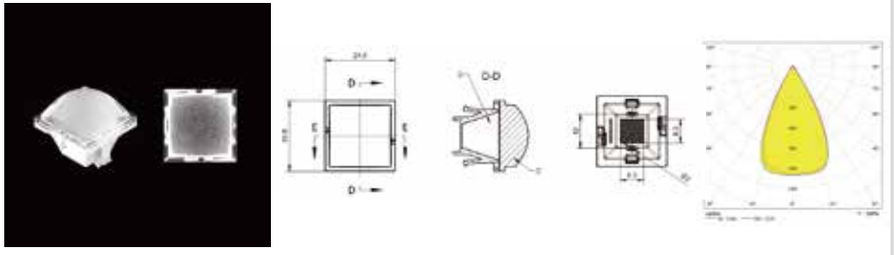
Application：Commercial lighting ,Smart home lighting ,Museum lighting ,Office lighting ,Supermarket & Warehouse lighting

Firefly-Starry-25-1 IN 1-40



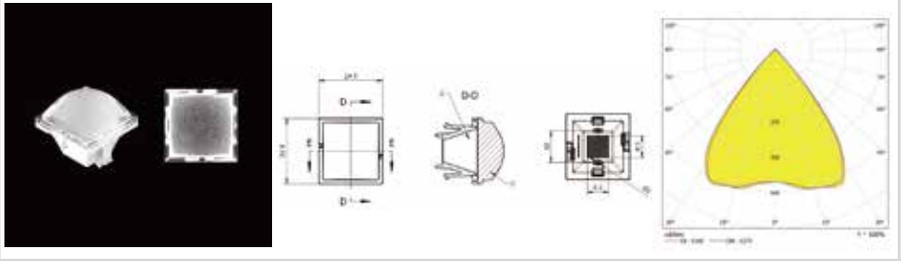
MN	1.01.44026
PN	HK-YHXK-25@27-40-4X3030-#0-1g-1_ASM
Dimension	24.8×24.8×26.5
LED	4×3030，4×3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.54443)	

Firefly-Starry-25-1 IN 1-60



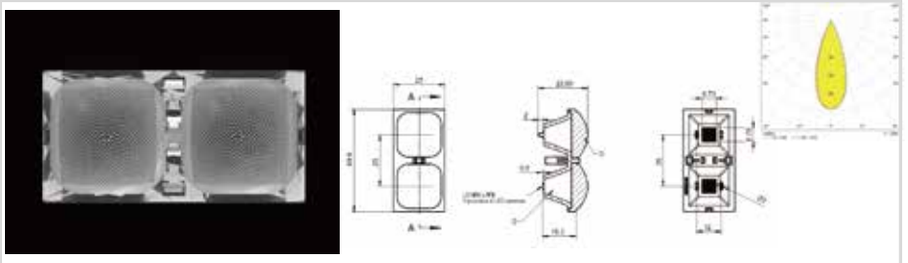
MN	1.01.54442
PN	HK-YHXK-25@23-60-4X3030-#0-1g-1 ASM
Dimension	25×25×23
LED	4×3030，4×3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.54443)	

Firefly-Starry-25-1 IN 1-80



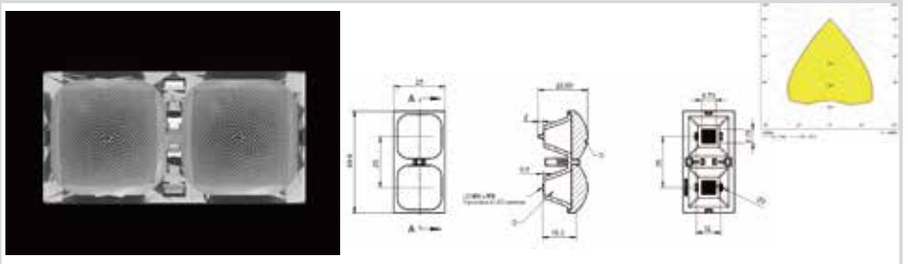
MN	1. 01.54440
PN	HK-YHXK-25@21-80-4X3030-#0-1g-1_ASM
Dimension	25×25×23
LED	4×3030，4×3535
FWHM	80° **(Equiluminous Design)**
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.54443)	

Firefly-Starry-25-2 IN 1-40



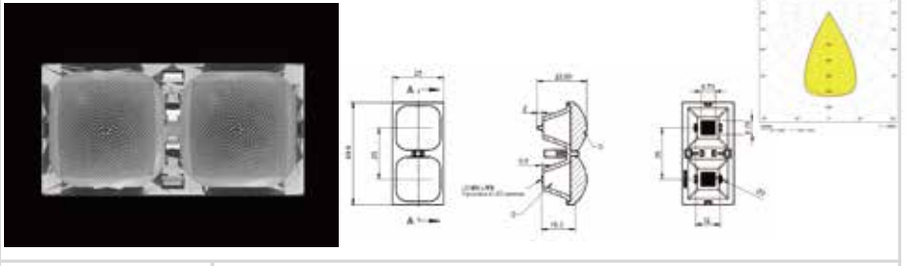
MN	1.01.44395
PN	HK-YHXK-50@24-40-4X3030-#0-1-2_ASM
Dimension	25×49.8×24.1
LED	4×3030，4×3535
FWHM	40°
LENS：PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

Firefly-Starry-25-2 IN 1-80



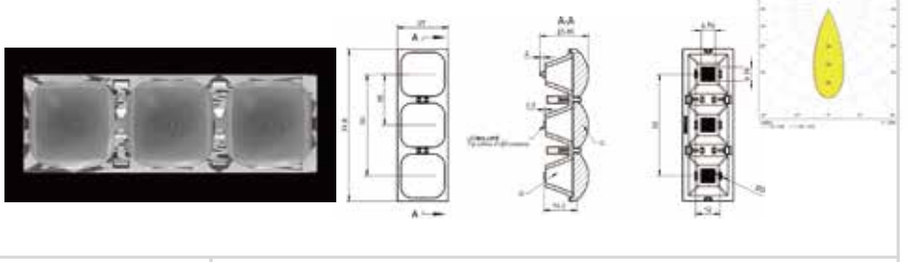
MN	1.01.44396
PN	HK-YHXK-50@22-80-4X3030-#0-1-2_ASM
Dimension	25×49.8×21.8
LED	4×3030，4×3535
FWHM	80°
LENS：PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

Firefly-Starry-25-2 IN 1-60



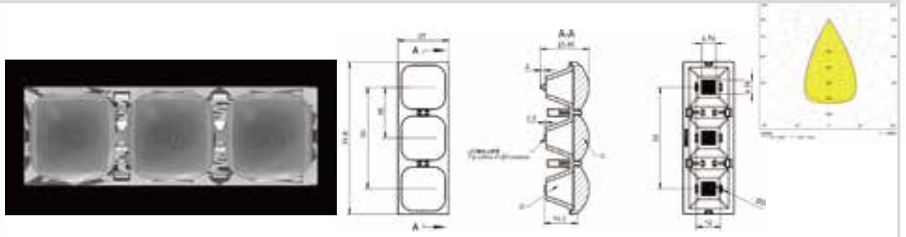
MN	1.01.44394
PN	HK-YHXK-50@24-60-4X3030-#0-1-2_ASM
Dimension	25×49.8×24.1
LED	4×3030，4×3535
FWHM	60°
LENS：PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

Firefly-Starry-25-3 IN 1-40



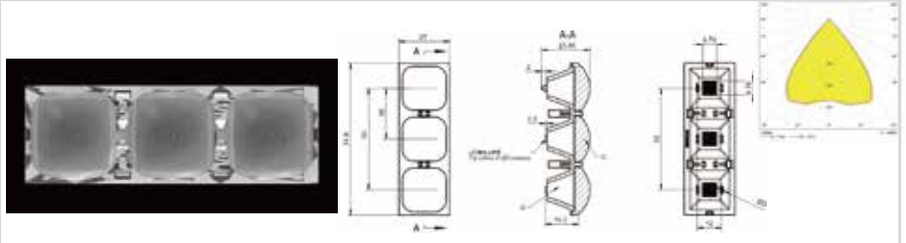
MN	1.01.44392
PN	HK-YHXK-75@24-40-4X3030-#0-1-3_ASM
Dimension	25×74.8×23.9
LED	4×3030，4×3535
FWHM	40°
LENS：PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

Firefly-Starry-25-3 IN 1-60



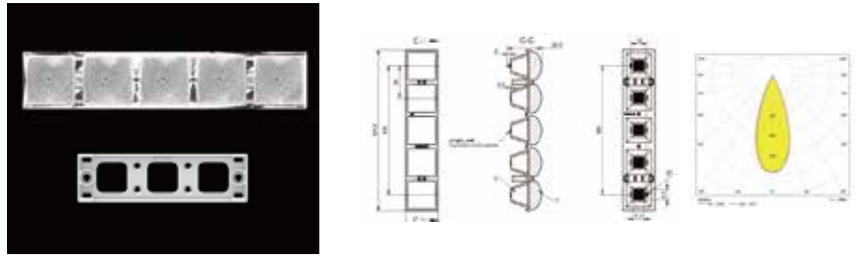
MN	1.01.44391
PN	HK-YHXK-75@24-60-4X3030-#0-1g-3_ASM
Dimension	25×74.8×23.9
LED	4×3030，4×3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
2 IN 1 Holder (1.07.44397)	

Firefly-Starry-25-3 IN 1-80



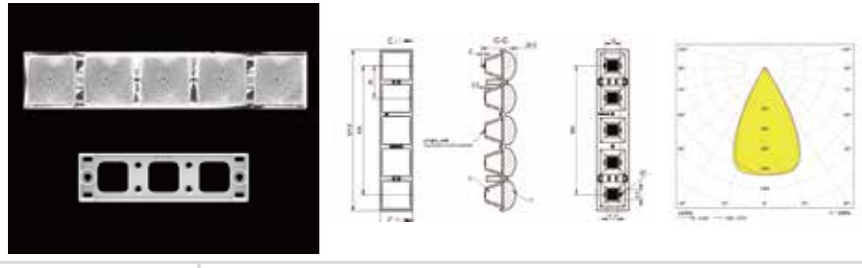
MN	1.01.44393
PN	HK-YHXK-75@22-80-4X3030-#0-1-3_ASM
Dimension	25×74.8×21.8
LED	4×3030，4×3535
FWHM	80°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
3 IN 1 Holder (1.07.44397)	

Firefly-Starry-25-5 IN 1-40



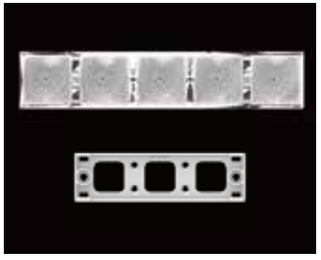
MN	1.01.44019
PN	HK-YHXK-125@27-40-4X3030-#0-1g-5_ASM
Dimension	124.8×25×26.5
LED	4×3030，4×3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33833)	5 IN 1 Holder-2 (1.07.44397)

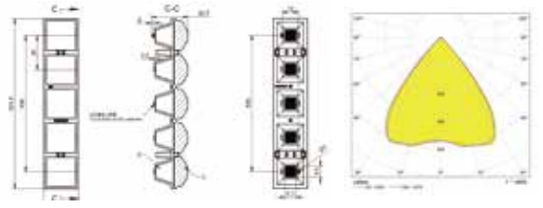
Firefly-Starry-25-5 IN 1-60



MN	1.01.33832
PN	HK-YHXK-125@27-60-4X3030-#0-1g-5_ASM
Dimension	124.8×25×26.5
LED	4×3030，4×3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33833)	5 IN 1 Holder-2 (1.07.44397)

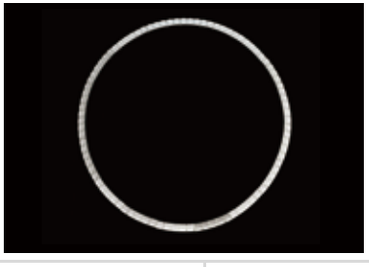
Firefly-Starry-25-5 IN 1-80

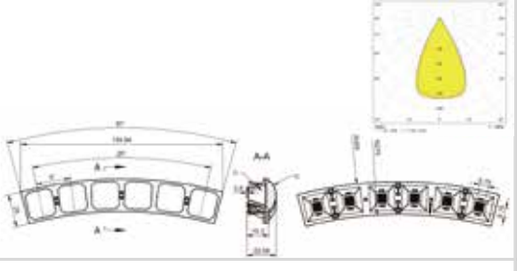




MN	1.01.44357
PN	HK-YHXK-125@126.com2-80-4×3030-#0-1g-5_ASM
Dimension	124.8×25×26.5
LED	4×3030，4×3535
FWHM	80° **(Equiluminous Design)**
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder-1 (1.07.33833)	5 IN 1 Holder-2 (1.07.44397)

Firefly-Starry-25-6 IN 1-R300-60





MN	1.01.54571
PN	HK-YHXK-155@22-60-4X3030-#0-1g-6 ASM
Dimension	1154.84×25×22.08
LED	4×3030，4×3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder (1.07.44397)	



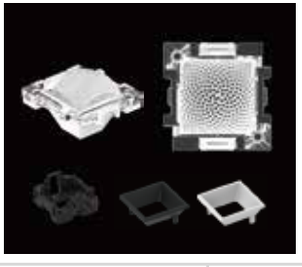
Firefly-Starry-25G

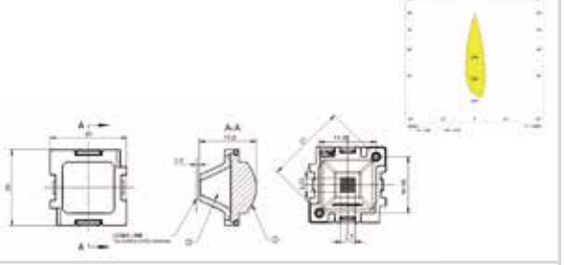
√ Ultra low glare
√ High CBCP
√ Mix CCT RGB



Application： Commercial lighting ,Smart home lighting ,Museum lighting ,Office lighting ,Supermarket & Warehouse lighting

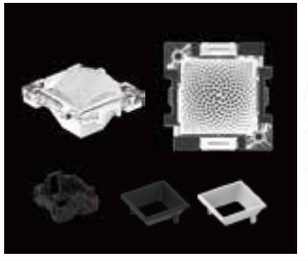
Firefly-Starry-25G-1 IN 1-24

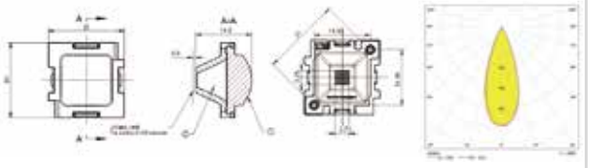




MN	1.01.43958
PN	HK-YHXK-20@15-24-3030-#0-1g-1_ASM-Y
Dimension	20×20×14.8
LED	3030，3535
FWHM	24°
LENS： PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.43962)	1 IN 1 Louver (1.07.43961)

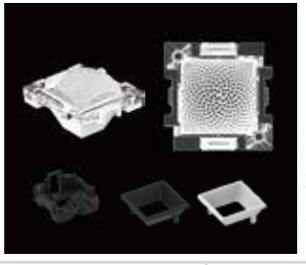
Firefly-Starry-25G-1 IN 1-40

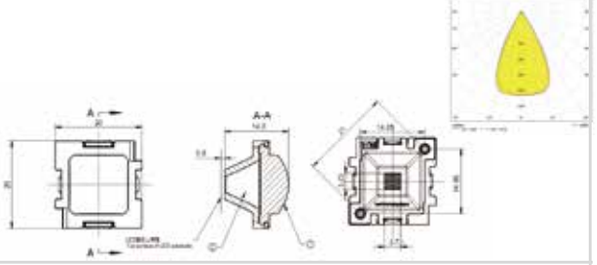




MN	1.01.43959
PN	HK-YHXK-20@15-40-3030-#0-1g-1_ASM
Dimension	20×20×14.8
LED	3030，3535
FWHM	40°
LENS： PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.43962)	1 IN 1 Louver (1.07.43961)

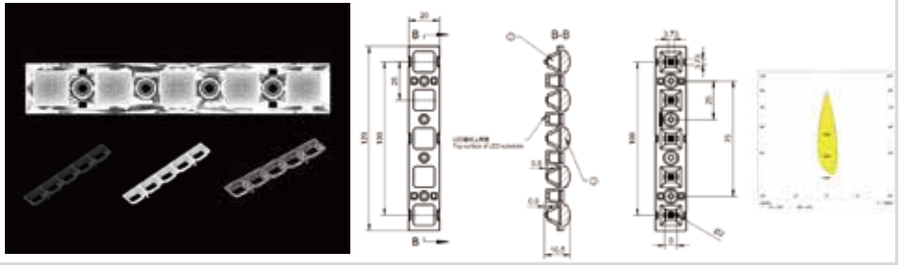
Firefly-Starry-25G-1 IN 1-60





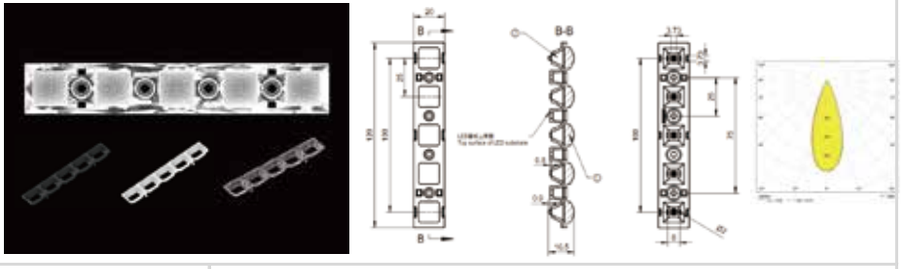
MN	1.01.43960
PN	HK-YHXK-20@15-60-3030-#0-1g-1_ASM
Dimension	20×20×14.8
LED	3030，3535
FWHM	60°
LENS： PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.43962)	1 IN 1 Louver (1.07.43961)

Firefly-Starry-25G-5 IN 1-24



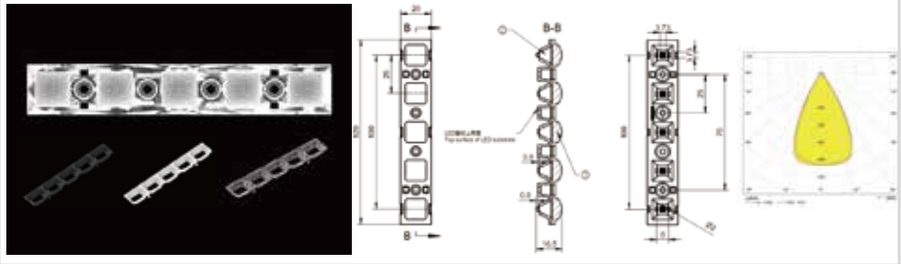
MN	1.01.44039
PN	HK-YHXK-120@17-24-3030-#0-1g-5_ASM-Y
Dimension	120×20×16.5
LED	3030，3535
FWHM	24°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN1 Louver (1.07.44085)	

Firefly-Starry-25G-5 IN 1-40



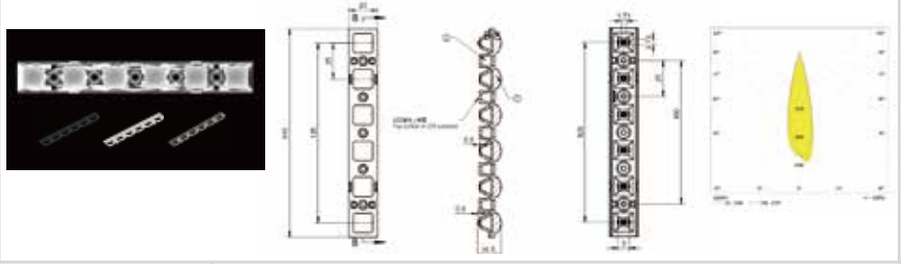
MN	1.01.44040
PN	HK-YHXK-120@17-40-3030-#0-1g-5_ASM
Dimension	120×20×16.5
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN1 Louver (1.07.44085)	

Firefly-Starry-25G-5 IN 1-60



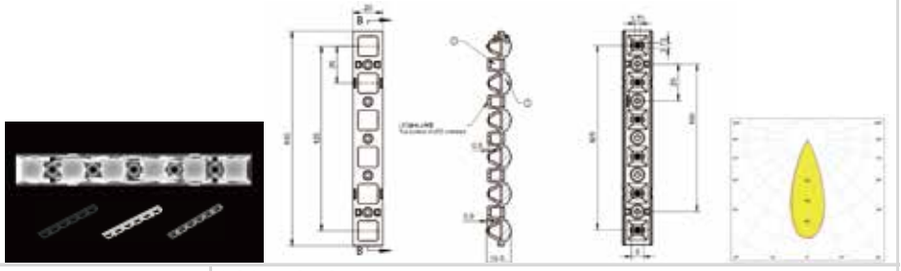
MN	1.01.44365
PN	HK-YHXK-120@17-60-3030-#0-1g-5_ASM
Dimension	120×20×16.5
LED	3030，3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN1 Louver (1.07.44085)	

Firefly-Starry-25G-6 IN 1-24



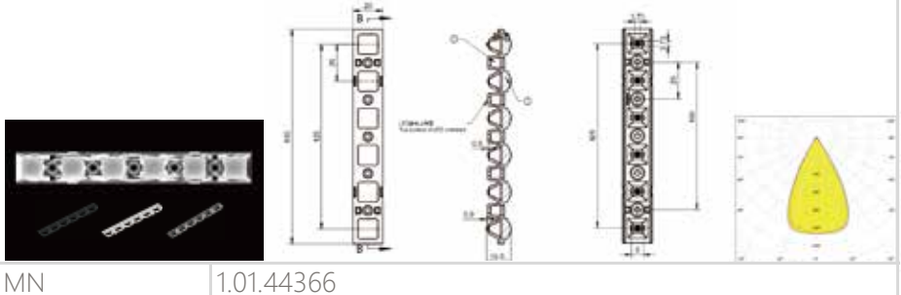
MN	1.01.44245
PN	HK-YHXK-145@17-24-3030-#0-1g-6_ASM_Y
Dimension	145×20×16.5
LED	3030，3535
FWHM	24°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Louver (1.07.44248)	

Firefly-Starry-25G-6 IN 1-40



MN	1.01.44246
PN	HK-YHXK-145@17-40-3030-#0-1g-6_ASM
Dimension	145×20×16.5
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Louver (1.07.44248)	

Firefly-Starry-25G-6 IN 1-60



MN	1.01.44366
PN	HK-YHXK-145@17-60-3030-#0-1g-6_ASM
Dimension	145×20×16.5
LED	3030，3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Louver (1.07.44248)	



Firefly-Starry-30G

√ Ultra low glare

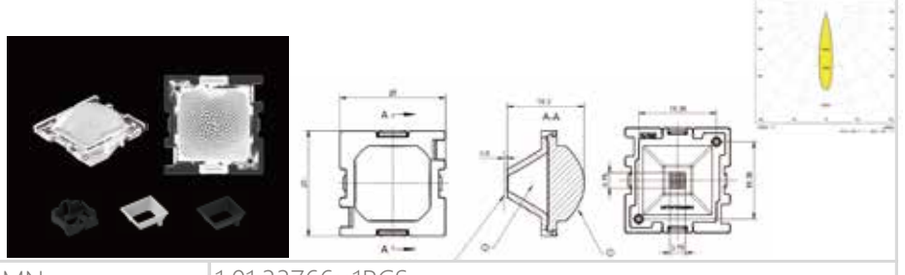
√ High CBCP

√ Mix CCT RGB



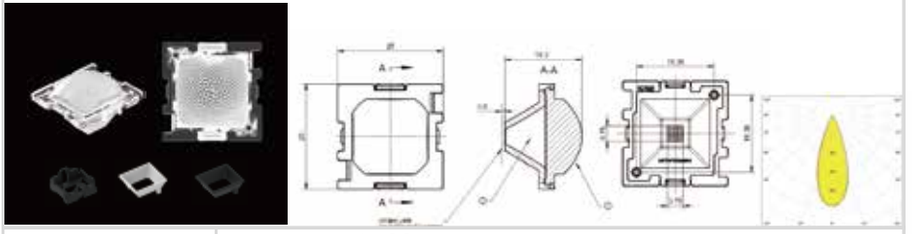
Application：Commercial lighting ,Smart home lighting ,Museum lighting ,Office lighting ,Supermarket & Warehouse lighting

Firefly-Starry-30G-1 IN 1-20



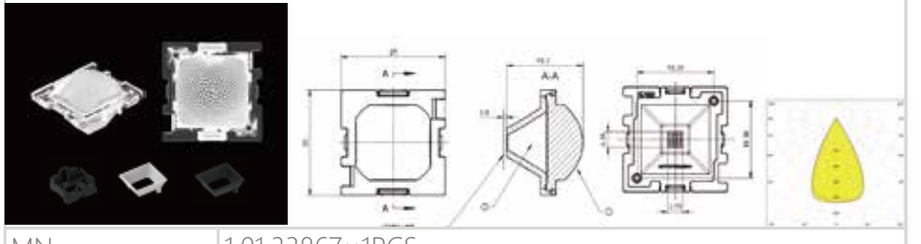
MN	1.01.33766×1PCS
PN	HK-YHXK-25@19-20-3030-#0-1g-1_ASM-F
Dimension	25×25×18.3
LED	3030，3535
FWHM	20°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.33767)	1 IN 1 Louver (1.07.33777)

Firefly-Starry-30G-1 IN 1-40



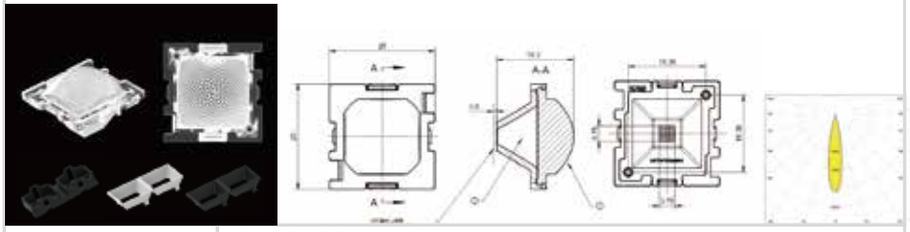
MN	1.01.33866×1PCS
PN	HK-YHXK-25@19-40-3030-#0-1g-1_ASM
Dimension	25×25×18.3
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.33767)	1 IN 1 Louver (1.07.33777)

Firefly-Starry-30G-1 IN 1-60



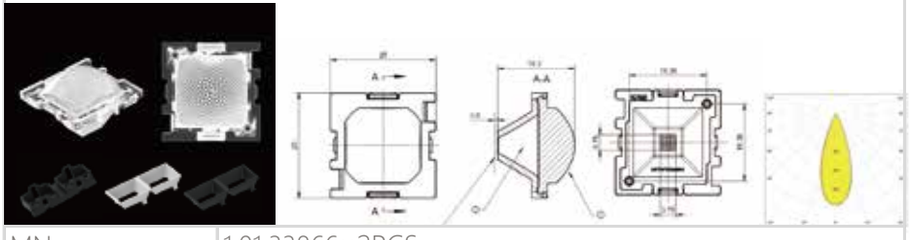
MN	1.01.33867×1PCS
PN	HK-YHXK-25@19-60-3030-#0-1g-1_ASM
Dimension	25×25×18.3
LED	3030，3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
1 IN 1 Holder (1.07.33767)	1 IN 1 Louver (1.07.33777)

Firefly-Starry-30G-2 IN 1-20



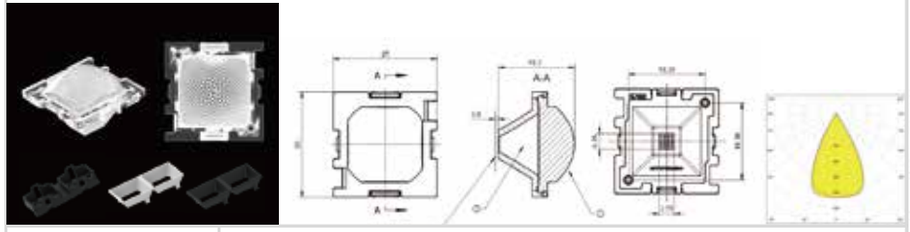
MN	1.01.33766×2PCS
PN	HK-YHXK-25@19-20-3030-#0-1g-1_ASM-F
Dimension	25×25×18.3
LED	3030，3535
FWHM	20°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
2 IN 1 Holder (1.07.33788)	2 IN 1 Louver (1.07.33787)

Firefly-Starry-30G-2 IN 1-40



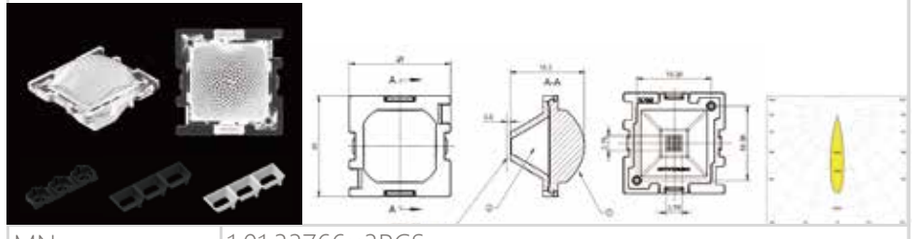
MN	1.01.33866×2PCS
PN	HK-YHXK-25@19-40-3030-#0-1g-1_ASM
Dimension	25×25×18.3
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
2 IN 1 Holder (1.07.33788)	2 IN 1 Louver (1.07.33787)

Firefly-Starry-30G-2 IN 1-60



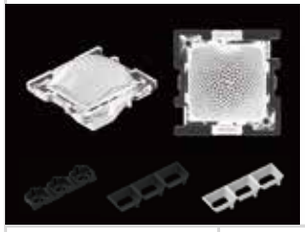
MN	1.01.33867×2PCS
PN	HK-YHXK-25@19-60-3030-#0-1g-1_ASM
Dimension	25×25×18.3
LED	3030，3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
2 IN 1 Holder (1.07.33788)	2 IN 1 Louver (1.07.33787)

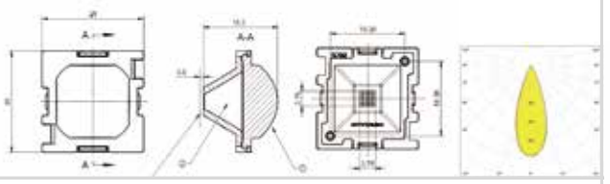
Firefly-Starry-30G-3 IN 1-20



MN	1.01.33766×3PCS
PN	HK-YHXK-25@19-20-3030-#0-1g-1_ASM-F
Dimension	25×25×18.3
LED	3030，3535
FWHM	20°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
3 IN 1 Holder (1.07.33790)	3 IN 1 Louver (1.07.33789)

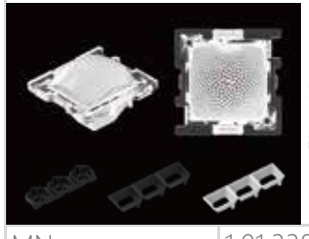
Firefly-Starry-30G-3 IN 1-40

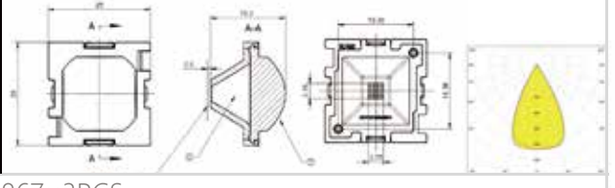




MN	1.01.33866×3PCS
PN	HK-YHXK-25@19-40-3030-#0-1g-1_ASM
Dimension	25×25×18.3
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
3 IN 1 Holder (1.07.33790)	3 IN 1 Louver (1.07.33789)

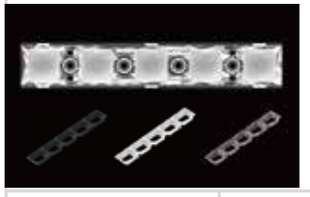
Firefly-Starry-30G-3 IN 1-60

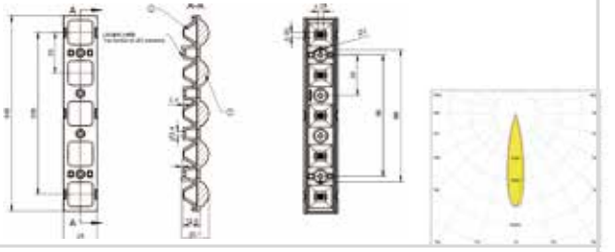




MN	1.01.33867×3PCS
PN	HK-YHXK-25@19-60-3030-#0-1g-1_ASM
Dimension	25×25×18.3
LED	3030，3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
3 IN 1 Holder (1.07.33790)	3 IN 1 Louver (1.07.33789)

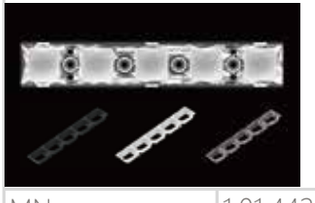
Firefly-Starry-30G-5 IN 1-20

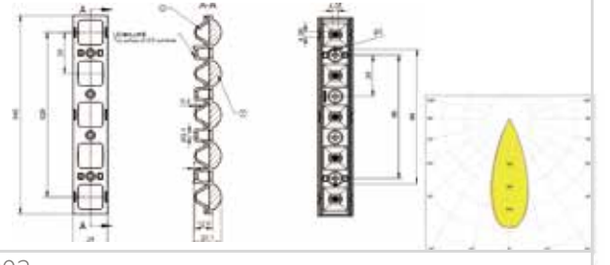




MN	1.01.44201
PN	HK-YHXK-145@20-20-3030-#0-1g-5_ASM-F
Dimension	145×25×20.1
LED	3030，3535
FWHM	20°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Louver (1.07.44209)	

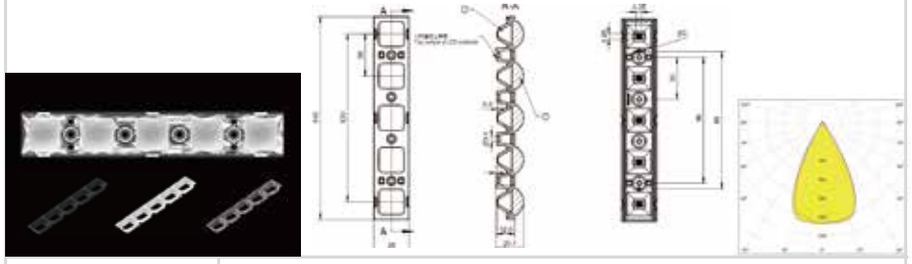
Firefly-Starry-30G-5 IN 1-40





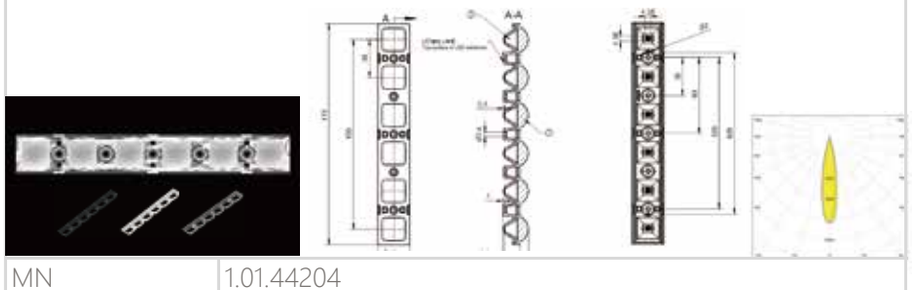
MN	1.01.44202
PN	HK-YHXK-145@20-40-3030-#0-1g-5_ASM
Dimension	145×25×20.1
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Louver (1.07.44209)	

Firefly-Starry-30G-5 IN 1-60



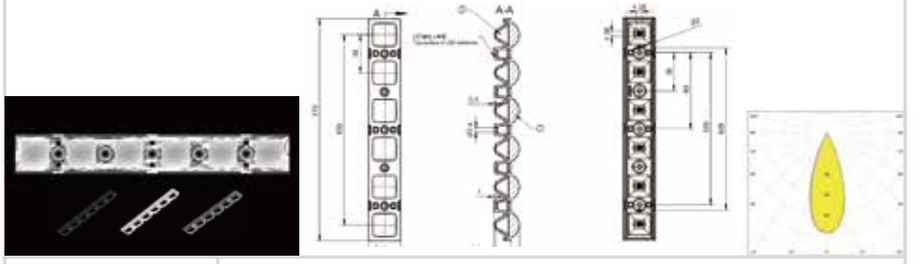
MN	1.01.44203
PN	HK-YHXK-145@20-60-3030-#0-1g-5_ASM
Dimension	145×25×20.1
LED	3030，3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Louver (1.07.44209)	

Firefly-Starry-30G-6 IN 1-20



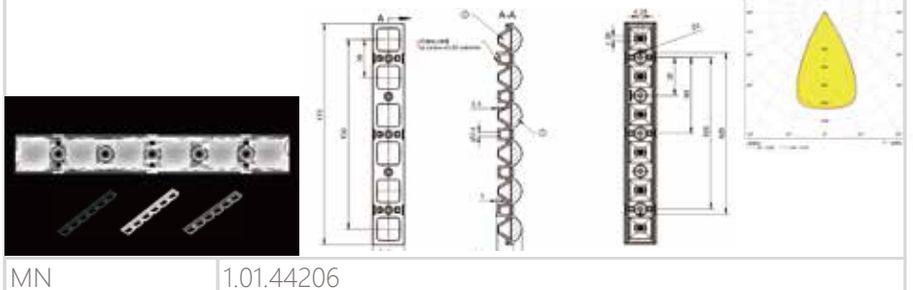
MN	1.01.44204
PN	HK-YHXK-175@20-20-3030-#0-1g-6_ASM-F
Dimension	175×25×20.1
LED	3030，3535
FWHM	20°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Louver (1.01.44227)	

Firefly-Starry-30G-6 IN 1-40



MN	1.01.44205
PN	HK-YHXK-175@20-40-3030-#0-1g-6_ASM
Dimension	175×25×20.1
LED	3030，3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Louver (1.01.44227)	

Firefly-Starry-30G-6 IN 1-60

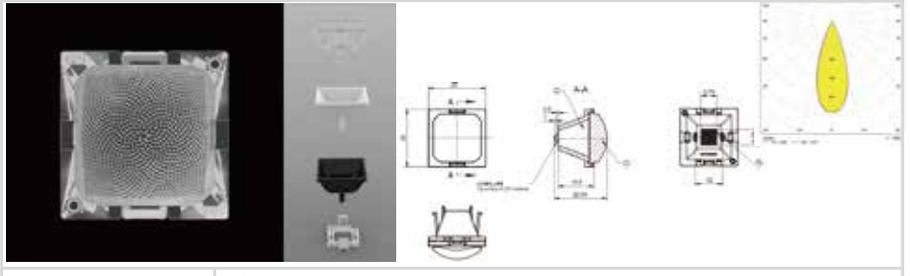


MN	1.01.44206
PN	HK-YHXK-175@20-60-3030-#0-1g-6_ASM
Dimension	175×25×20.1
LED	3030，3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Louver (1.01.44227)	

Firefly-Starry-40G

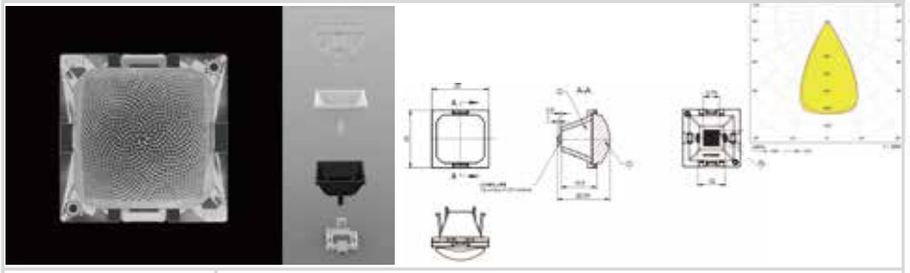


Firefly-Starry-40G-1 IN 1-40



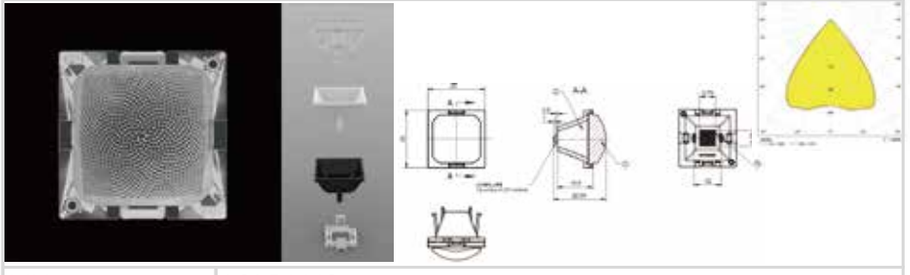
MN	1.01.54441
PN	HK-YHXK-25@23-40-4X3030-#0-1g-1_ASM
Dimension	25×25×22.9
LED	4×3030，4×3535
FWHM	40°
LENS：PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-40G-1 IN 1-60



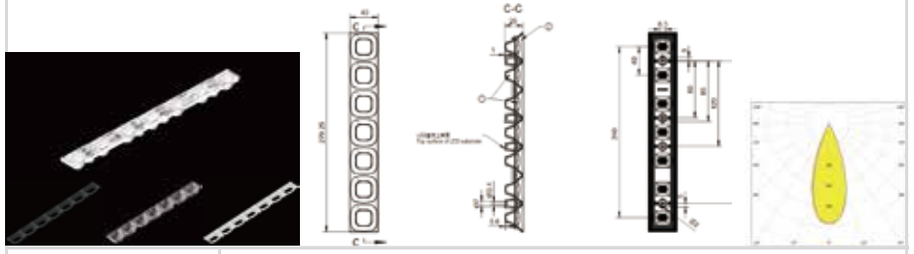
MN	1.01.54442
PN	HK-YHXK-25@23-60-4X3030-#0-1g-1_ASM
Dimension	25×25×22.9
LED	4×3030，4×3535
FWHM	60°
LENS：PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-40G-1 IN 1-80



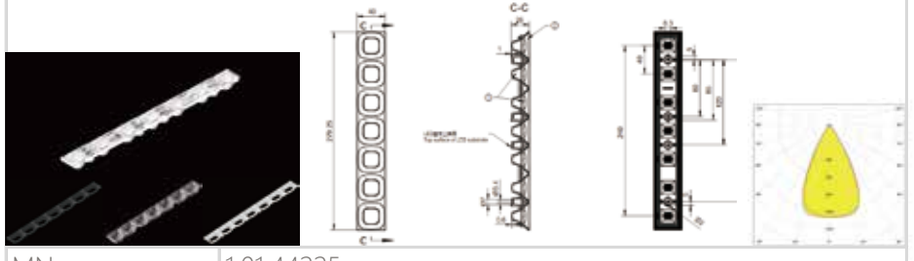
MN	1.01.54440
PN	HK-YHXK-25@21-80-4X3030-#0-1g-1_ASM
Dimension	25×25×20.8
LED	4×3030，4×3535
FWHM	80° **(Equiluminous Design)**
LENS：PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-40G-7 IN 1-40



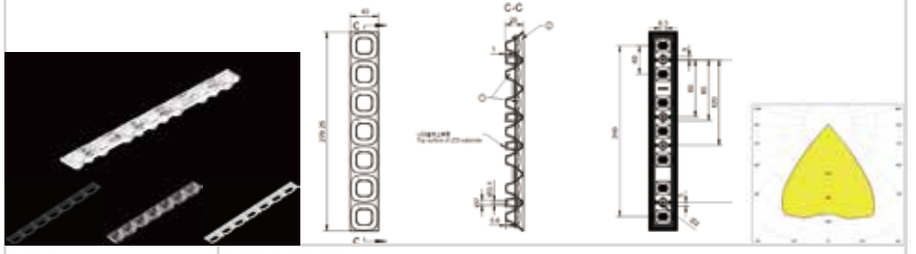
MN	1.01.44268
PN	HK-YHXK-270@23-40-4X3030-#0-1g-7_ASM
Dimension	270×30×23
LED	4×3030，4×3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
7 IN 1 Louver (1.07.44086)	

Firefly-Starry-40G-7 IN 1-60



MN	1.01.44225
PN	HK-YHXK-270@23-60-4X3030-#0-1g-7_ASM
Dimension	270×30×23.09
LED	4×3030，4×3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
7 IN 1 Louver (1.07.44086)	

Firefly-Starry-40G-7 IN 1-80



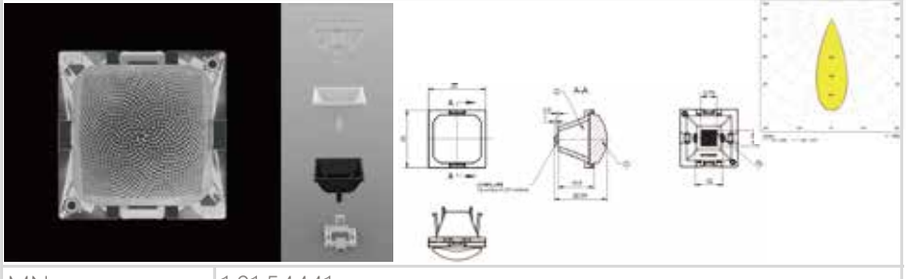
MN	1.01.44047
PN	HK-YHXK-270@21-80-4X3030-#0-1g-7_ASM
Dimension	270×30×20.77
LED	4×3030，4×3535
FWHM	80° **(Equiluminous Design)**
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
7 IN 1 Louver (1.07.44086)	



Firefly-Starry-50G

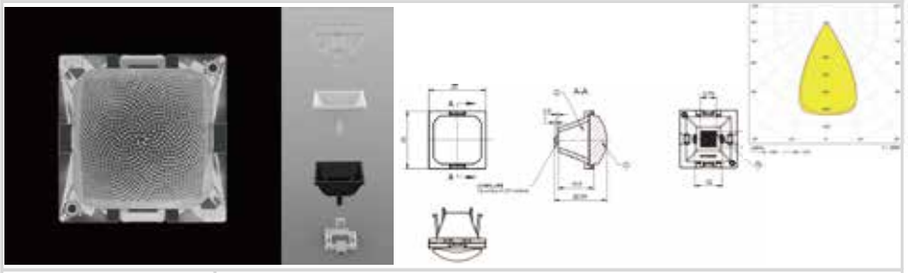


Firefly-Starry-50G-1 IN 1-40



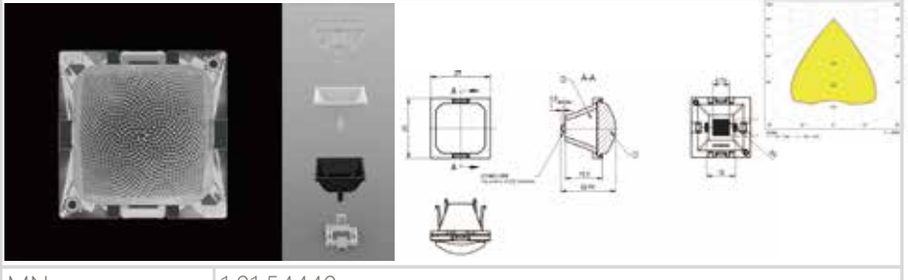
MN	1.01.54441
PN	HK-YHXK-25@23-40-4X3030-#0-1g-1_ASM
Dimension	25×25×22.9
LED	4×3030，4×3535
FWHM	40°
LENS： PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-50G-1 IN 1-60



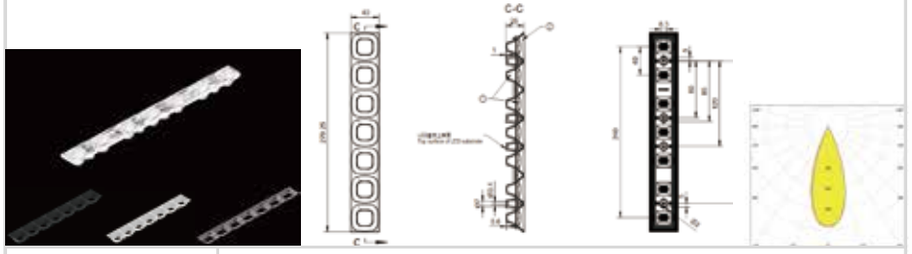
MN	1.01.54442
PN	HK-YHXK-25@23-60-4X3030-#0-1g-1_ASM
Dimension	25×25×22.9
LED	4×3030，4×3535
FWHM	60°
LENS： PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-50G-1 IN 1-80



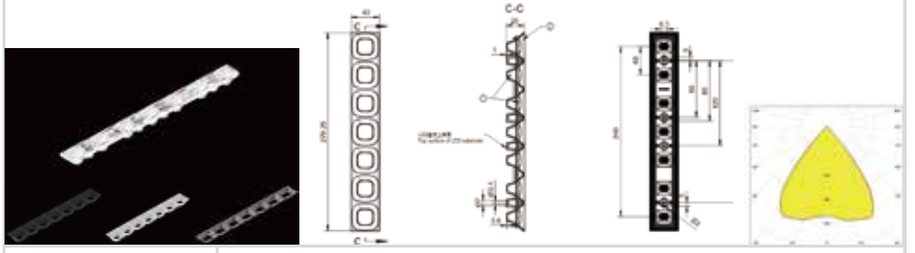
MN	1.01.54440
PN	HK-YHXK-25@21-80-4X3030-#0-1g-1_ASM
Dimension	25×25×20.8
LED	4×3030，4×3535
FWHM	80° **(Equiluminous Design)**
LENS： PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-50G-7 IN 1-40



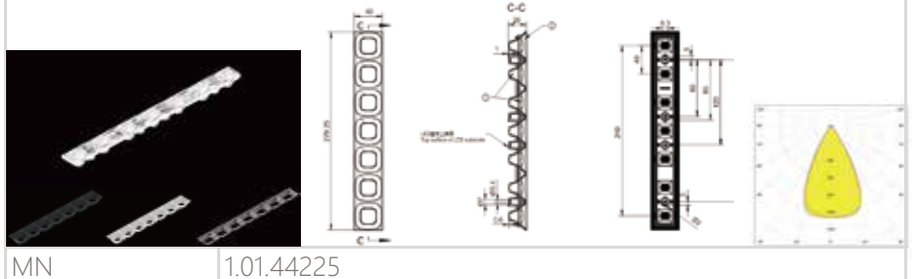
MN	1.01.44268
PN	HK-YHXK-270@23-40-4X3030-#0-1g-7_ASM
Dimension	270×30×23
LED	4×3030，4×3535
FWHM	40°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
7 IN 1 Louver (1.07.44175)	

Firefly-Starry-50G-7 IN 1-80



MN	1.01.44047
PN	HK-YHXK-270@21-80-4X3030-#0-1g-7_ASM
Dimension	270×30×20.77
LED	4×3030，4×3535
FWHM	80° **(Equiluminous Design)**
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
7 IN 1 Louver (1.07.44175)	

Firefly-Starry-50G-7 IN 1-60

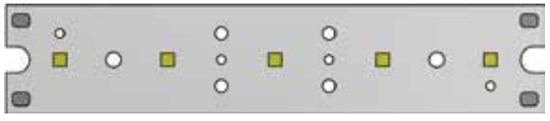


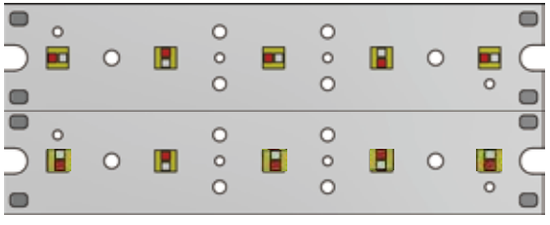
MN	1.01.44225
PN	HK-YHXK-270@23-60-4X3030-#0-1g-7_ASM
Dimension	270×30×23.09
LED	4×3030，4×3535
FWHM	60°
LENS：PMMA	Reflector:Vaccum Aluminum Plating PC
7 IN 1 Louver (1.07.44175)	

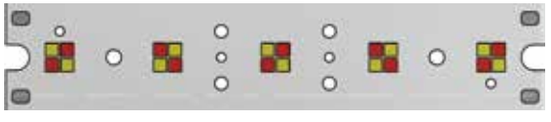


FIREFLY SERIES

Light Source Mixed Post Explanation





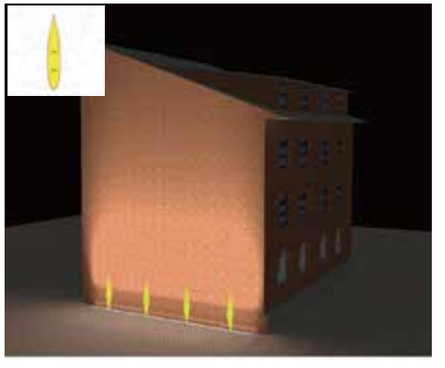




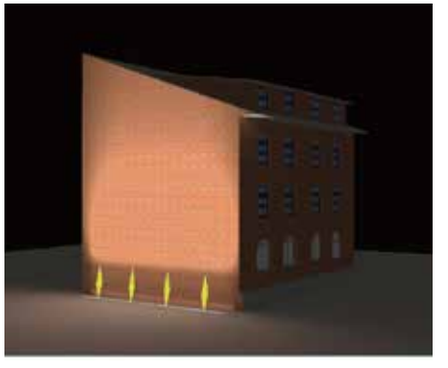
Recommended application

—— Outdoor wall washing

0.3M from the wall，tit 0

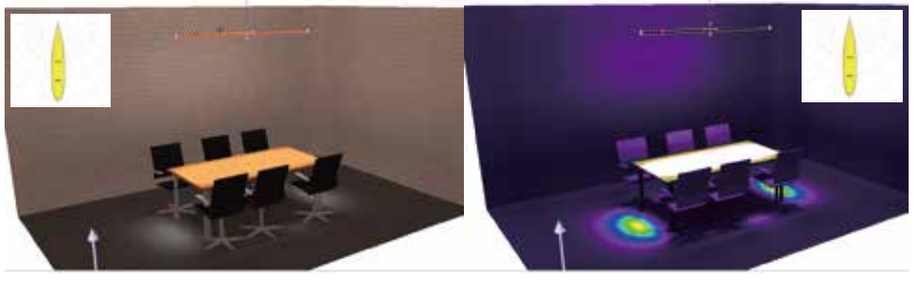


0.8M from the wall，tit 5



—— Office

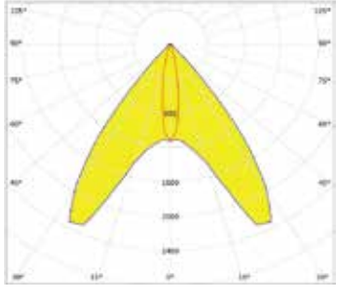
Spread the light gathering evenly on the tabletop



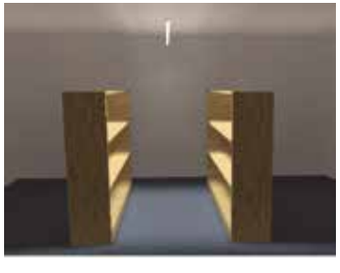
FIREFLY SERIES

Recommended application

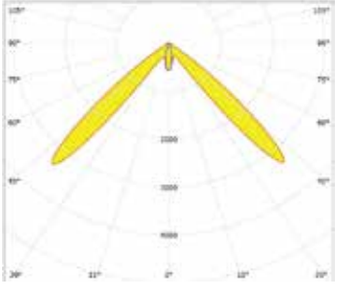
—— Supermarket Shelves
(with double asymmetric film)







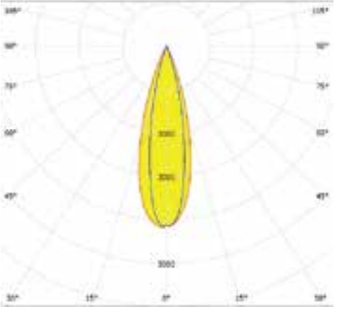
—— Indoor double asymmetric light-
ing (with double asymmetric film)







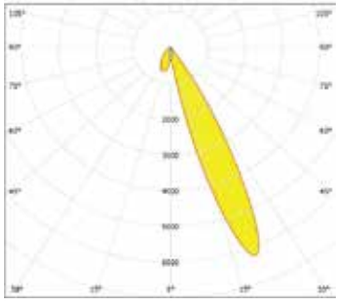
—— Office lighting
20°+30° linear film



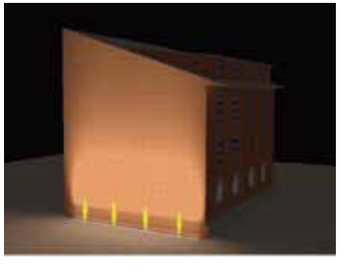




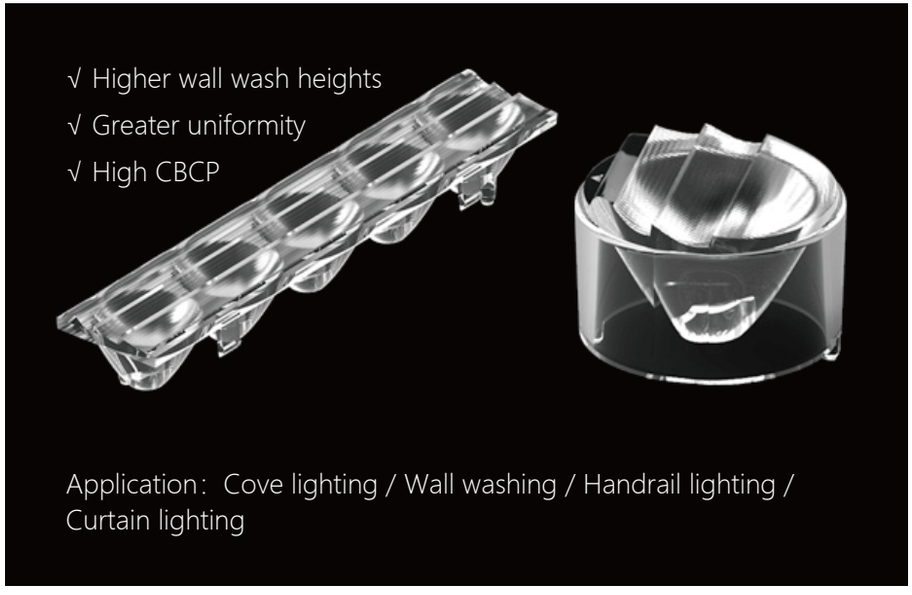
—— Outdoor wall washing lighting
(with single asymmetric)



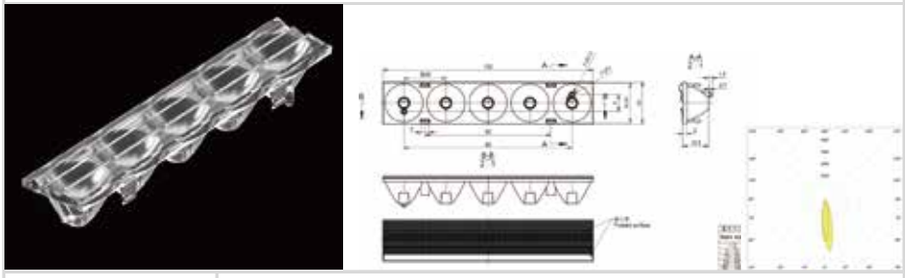




SKYLINE SERIES

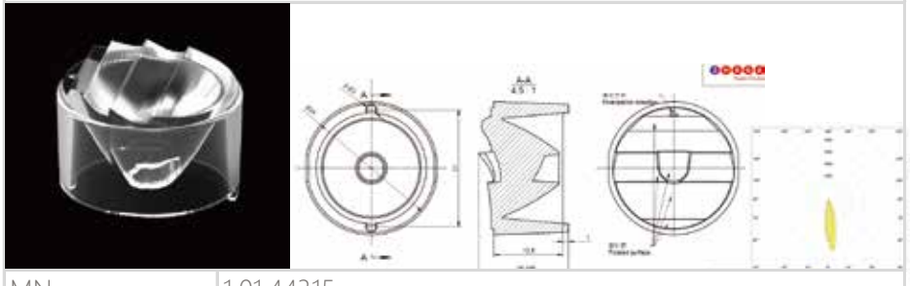


Skyline-Starry-5 IN 1-WW



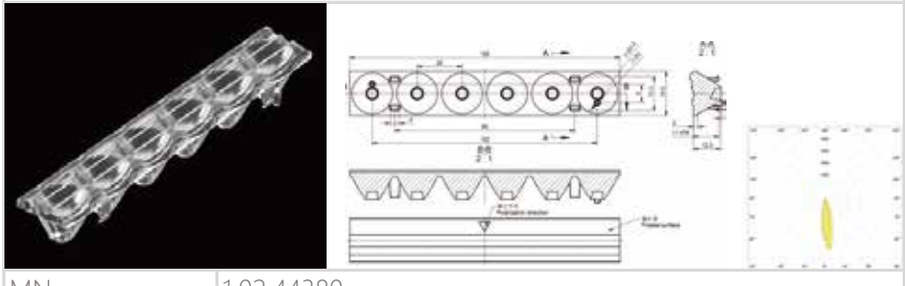
MN	1.02.44044
PN	HK-TJ-100@16-15X14-3030-01-1g-5
Dimension	100×20×16
LED	2835，3030
FWHM	15°×14°
LENS：PC	
Washing	

Skyline-Starry-1 IN 1-WW



MN	1.01.44315
PN	HK-TJ-24@16-12X14-3030-01-1g-1
Dimension	Φ24×16
LED	2835，3030
FWHM	12°×14°
LENS：PMMA	
Washing	

Skyline-Starry-6 IN 1-WW

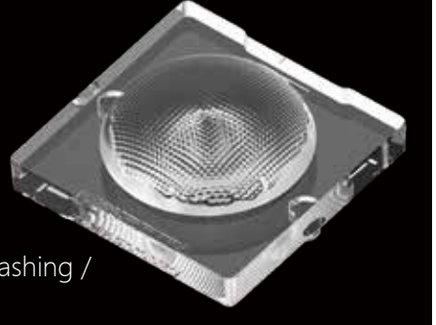


MN	1.02.44380
PN	HK-TJ-120@16-15X14-3030-01-1g-6
Dimension	120×20×16
LED	2835，3030
FWHM	15°×14°
LENS：PC	
Washing	



Butterfly Series
Professional Indirect Lighting

Indirect lighting involves directing light onto surfaces such as walls and ceilings; through diffuse reflection from these surfaces, it creates soft, even, glare-free illumination, ensuring visual comfort and enhancing the sense of space and ambience within an interior.

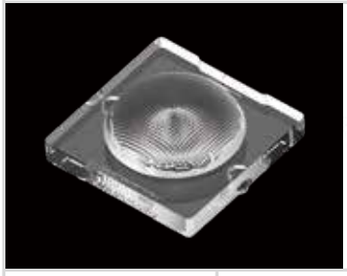
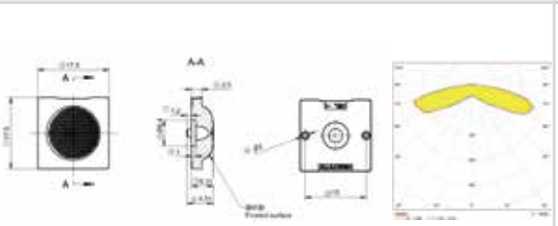


√ High Uniformity

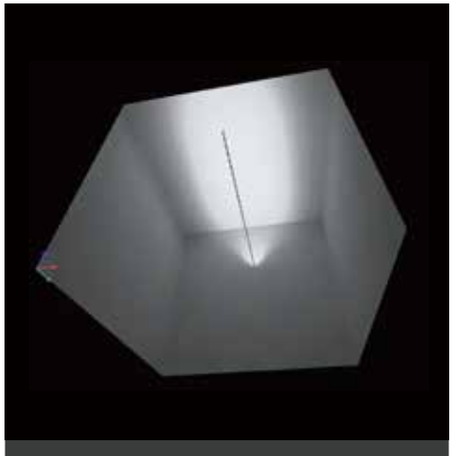
√ Wide Angle, Wide Coverage

√ Compatible RGBCW

Application： Office lighting / Wall washing / Ceiling lighting / Curtain lighting

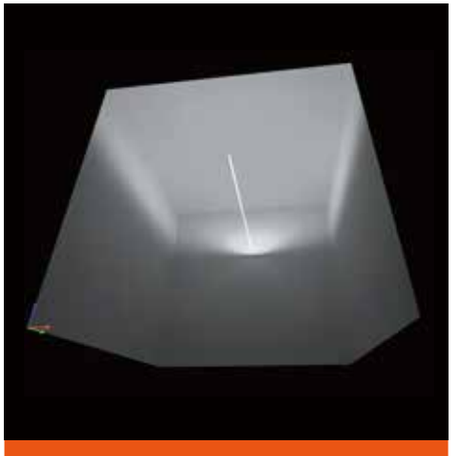
Butterfly-Starry- DA	
	
MN	1.01.54502
PN	HK-DG-18@07-150-2835-#0-1g-1
尺寸	17.5x17.5x6.51
LED	2835，3030
FWHM	150°
LENS： PMMA	
Double Asymmetric	

Uniformity Comparison



Market Solutions

1m from the ceiling, ceiling width is 3m.
The lighting isn't very even, and the illuminated area isn't wide enough.



HercuLux Butterfly Series

1m from the ceiling, ceiling width is 3m.
High uniformity, wide angles and coverage.

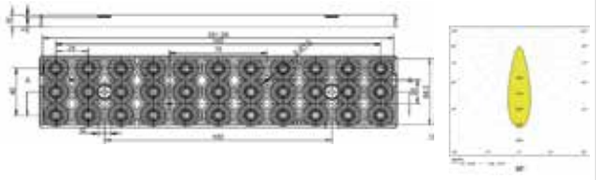


LIGHTNING SERIES

Adapted the calculus and Fresnel technology, have good effect although the shortheight assemble, and lower UGR importantly.

Lightning-Starry-33 IN 1-30 (PC)

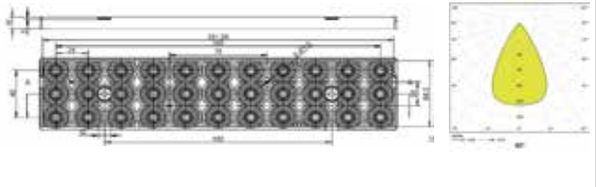




MN	1.01.6811
PN	HK-286@10-30-3030-22-1g-33
Dimension	286×61×10
LED	2835，3030
FWHM	30°
LENS：PC	
Linear Light	

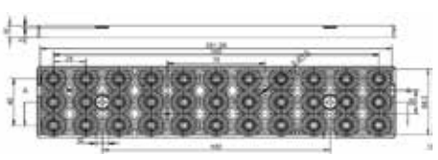
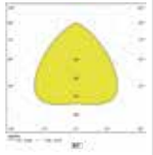
Lightning-Starry-33 IN 1-60 (PC)





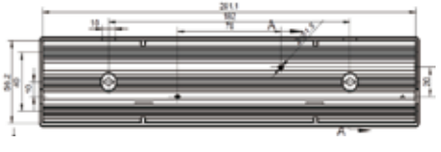
MN	1.01.6812
PN	HK-286@10-60-3030-22-1g-33
Dimension	286×61×10
LED	2835，3030
FWHM	60°
LENS：PC	
Linear Light	

Lightning-Starry-33 IN 1-90 (PC)

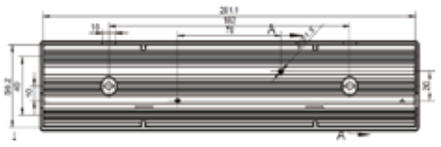
MN	1.01.6813
PN	HK-286@10-90-3030-22-1g-33
Dimension	286×61×10
LED	2835，3030
FWHM	90° **(Equiluminous Design)**
LENS：PC	
Linear Light	

Lightning-Starry-3 IN 1-SA (PC)

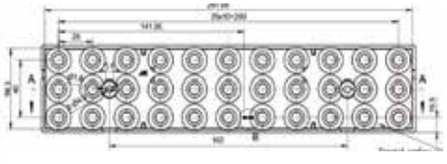
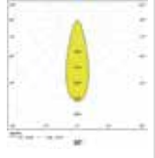

MN	1.01.6849
PN	HK-286@12-20X76-3030-20-1g-3
Dimension	286×61×11.5
LED	2835，3030
FWHM	20°×76°
LENS：PC	
Linear Light	

Lightning-Starry-3 IN 1-DA (PC)


MN	1.01.6827
PN	HK-286@10-70X100-3030-20-1g-3
Dimension	286×61×10
LED	2835，3030
FWHM	70°×100°
LENS：PC	
Linear Light	

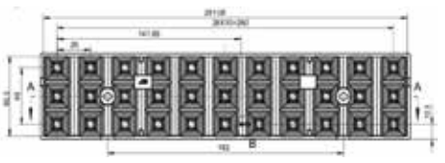
Lightning-Starry-33 IN 1-30 (PMMA)

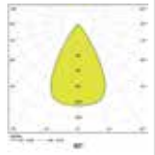




MN	1.01.71082
PN	HK-286@08-30-3030-22-1g-33
Dimension	286×61×8
LED	2835，3030
FWHM	30°
LENS：PMMA	
Linear Light	

Lightning-Starry-33 IN 1-60 (PMMA)

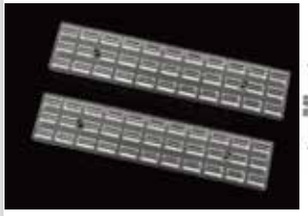


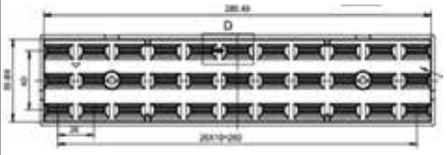


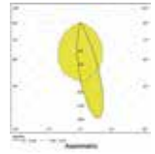


MN	1.01.71081
PN	HK-286@08-60-3030-22-1g-33
Dimension	286×61×8
LED	2835，3030
FWHM	60°
LENS6747：PMMA	
Linear Light	

Lightning-Starry-33 IN 1-SA (PMMA)

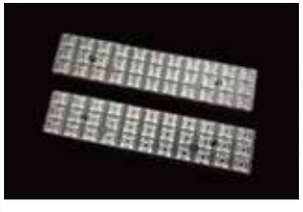


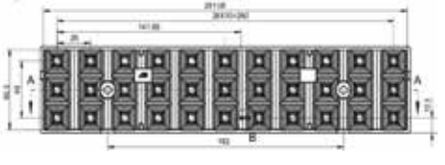


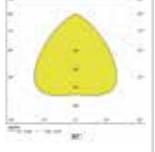


MN	1.01.81468
PN	HK-286@08-32X76-2835-22-1g-33
Dimension	286×61×8
LED	2835，3030
FWHM	40°×80°
LENS：PMMA	
Linear Light	

Lightning-Starry-33 IN 1-90 (PMMA)

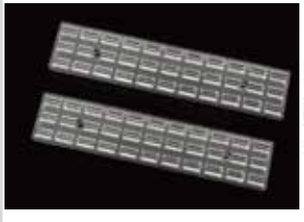


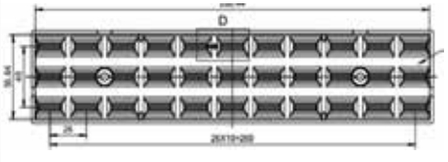


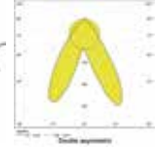


MN	1.01.71077
PN	HK-286@08-90-3030-22-1g-33
Dimension	286×61×8
LED	2835，3030
FWHM	90° **(Equiluminous Design)**
LENS：PMMA	
Linear Light	

Lightning-Starry-33 IN 1-DA (PMMA)







MN	1.01.81469
PN	HK-286@08-85X80-2835-22-1g-33
Dimension	286×61×8
LED	2835，3030
FWHM	90°×100°
LENS：PMMA	
Linear Light	

CUSTOMIZED SOLUTIONS

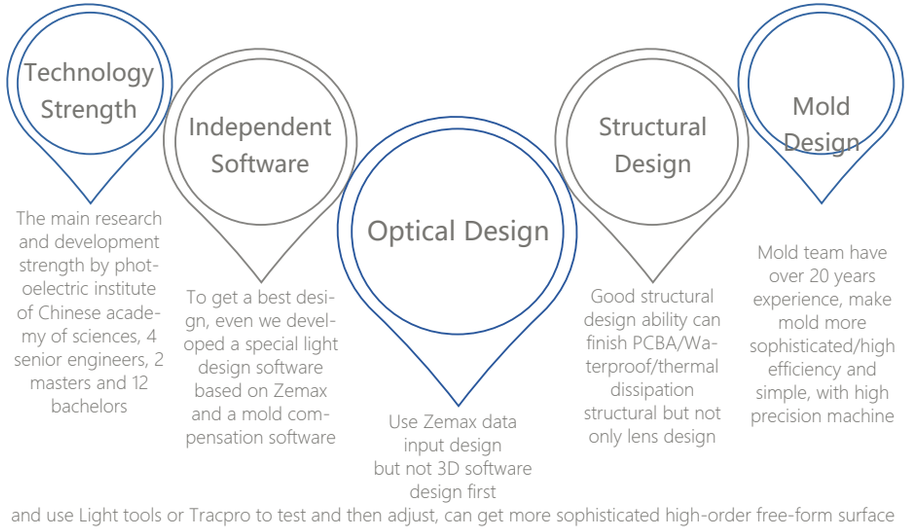
In addition to the standard mold products introduced in the catalogue, HercuLux can also provide customized solution services. With a professional design team and a complete industrial chain, tailor-made for customers, seeking the best solution for the project.

Extended Polynomial Lens

The Extended Polynomial surface shape is defined by:

$$z = \frac{cr^2}{1+\sqrt{1-(1+k)c^2r^2}} + \sum_{i=1}^{N} A_i E_i(x,y).$$

HercuLux adopts imaging optical design software: ZEmax to do data input level design to achieve more accurate chip level design.



and use Light tools or Tracpro to test and then adjust, can get more sophisticated high-order free-form surface

Quick response for Design: Optical design → Structural design → Optical simulation → Mold assess → Injection molding analysis

Optical design, structural design, mold design, injection molding production, quality inspection, HercuLux has a complete industrial chain to ensure that optical products can be independently controlled in each link, so that product quality, appearance, performance and other aspects are the best state!

Custom Process

Kindly provide detail requirements:

1. Lens size requirement; 2. Optical requirement(FWHM),Target IES will be better; 3. Lens Efficiency; 4. Assembly drawing sharing; 5. LED; 6. Material: PC or PMMA; 7. Application; 8. Other special information.

Optical Design Report:

Our R&D will process to optical designing according to your optical requirement, designing in 2-5 days and we will share you the design report.

Structure Design:

If you are satisfied with the optical report, we could process to structure designing. Please kindly provide the assembly drawing, structure drawing and any file is helpful for us to design structure.

Structure Confirm:

Confirm the structure (Step file): 1. Whether the lens structure conflict with the PCB; 2. Whether the lens structure conflict with the Lamp's structure; 3. Whether the lens structure conflict with the component location; 4. etc.

Quotation:

Quotation for Mold and product: 1. It depends on the mold size and its complexity; 2. Quotation includes Test Mold fee and Final Mold fee and price for unit product. (Test Mold is not absolutely necessary, it is according to the complexity of the mold.)

Customer PO Arrangement:

After you confirm the quotation, please kindly share your PO.

PI and Payment Arrangement:

We will arrange PI and we process to payment issue. After payment is done, we will process to mold producion.

Mold Production:

We need 30-35 working days to produce the mold, then will send you the samples which mold produce when the mold finished.

Confirm The Simples:

Whether the simples is same with the optical design and structure design.

Mass Producion: If the samples checking is OK, Procedure as below: 1. Your mass order; 2. Our PI arrangement; 3. Your payment arrangement; 4. Mass producion。

Self-built 20000 m² HercuLux park



More than 100 precision injection machines



Complete mold processing chain with a constant temp precision processing area



Self-built PC Vaccum Aluminum Plating workshop, One Spraying Production Line, Two Vacuum Plating Machine, 100000 Level Purification Workshop

