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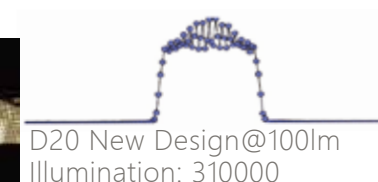
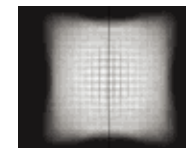
Website: <https://www.herculux.com/>

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

FIREFLY SERIES

New Solution Design Principles



First optics: Collect light and blend it together.

Second optics: Re-adjust the light correction to achieve even light distribution.

Surface Illumination Comparison

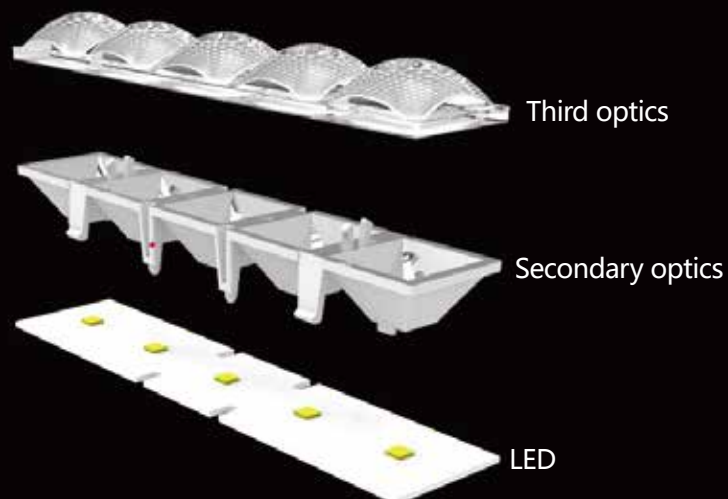


Regular solutions on the market

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.



Grille-free design, ultra-low glare, excellent lens surface illumination 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.

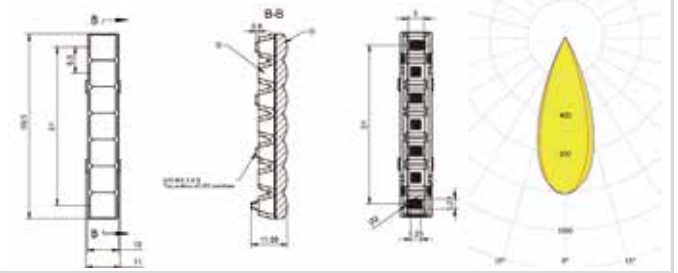
Firefly-Starry-10



- ✓ Ultra low glare
- ✓ High CBCP
- ✓ Extremely narrow size
- ✓ Excellent color mixing

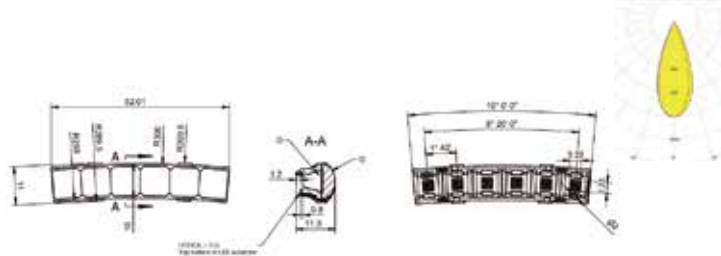
Application: Cabinet lighting, Commercial lighting, Smart home lighting, Museum lighting, Display lighting

Firefly-Starry-10-7 IN 1-45



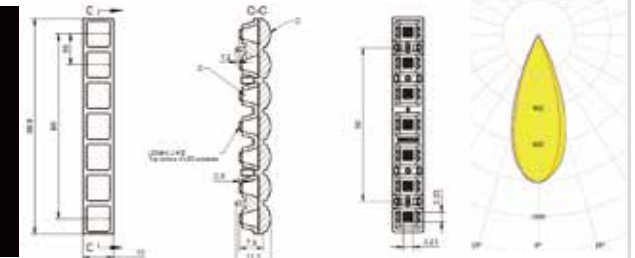
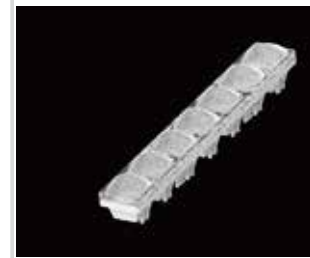
MN	1.01.43968
PN	HK-YHXK-59@12-45-3030-#0-1g-7_ASM
Dimension	59.3X11X11.59
LED	3030
FWHM	45°
LENS:	PMMA
Reflector:	Vaccum Aluminum Plating PC

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



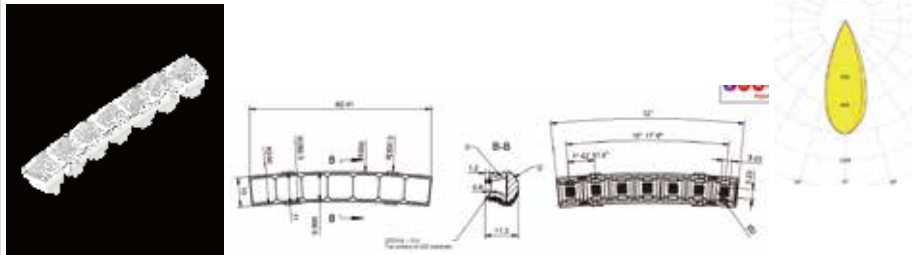
MN	1.01.44072
PN	HK-YHXK-52@12-45-3030-#0-1g-6_ASM
Dimension	59.3X11X11.59
LED	3030
FWHM	45°
LENS:	PMMA
Reflector:	Vaccum Aluminum Plating PC

Firefly-Starry-10-7 IN 1-45°-B



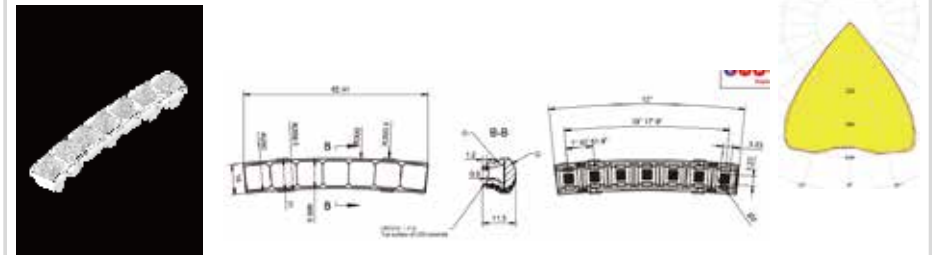
MN	1.01.54621
PN	HK-YHXK-70@12-45-3030-#0-1g-7_ASM
Dimension	70x10x12
LED	3030
FWHM	45°
LENS:	PC
Reflector:	Vaccum Aluminum Plating PC

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



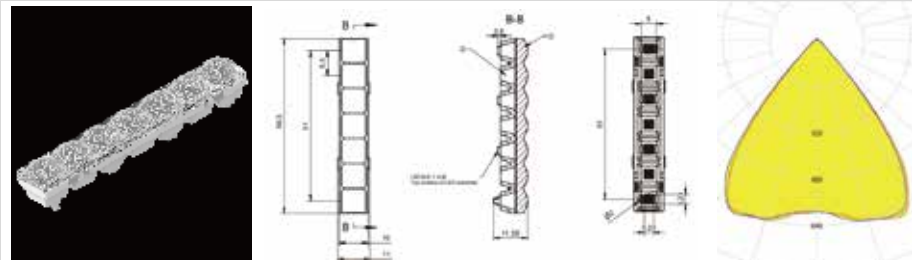
MN	1.01.44169
PN	HK-YH XK-63@12-45-3030-#0-1g-7_ASM
Dimension	118.8X11X11.59
LED	3030
FWHM	45°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



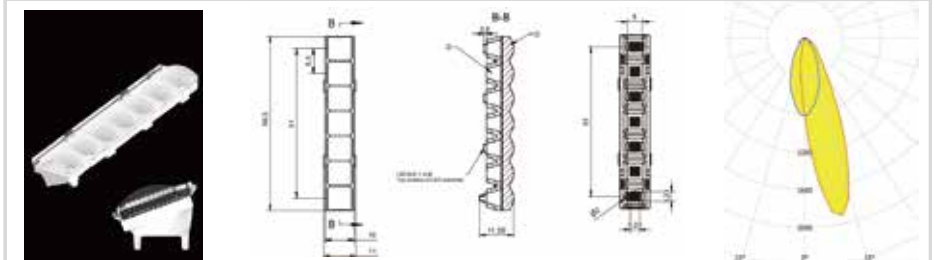
MN	1.01.44323
PN	HK-YH XK-62@12-80-3030-#0-1g-7_ASM
Dimension	118.8X11X11.59
LED	3030
FWHM	80°(Equiluminous Design)
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-7 IN 1-80



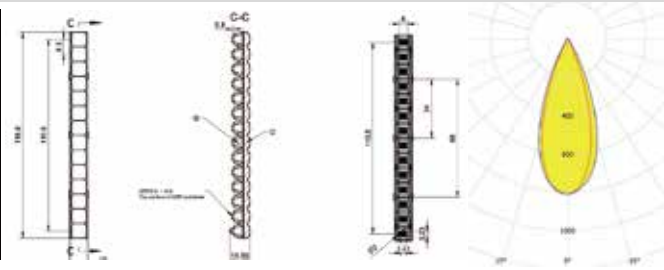
MN	1.01.44028
PN	HK-YH XK-59@12-80-3030-#0-1g-7_ASM
Dimension	59.3X11X11.59
LED	3030
FWHM	80°(Equiluminous Design)
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-7 IN 1-Washing



MN	1.01.44220
PN	HK-YH XK-59@09-XQ-3030-#0-1g-7_ASM
Dimension	59.3X11X11.59
LED	3030
FWHM	washing
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-14 IN 1-45



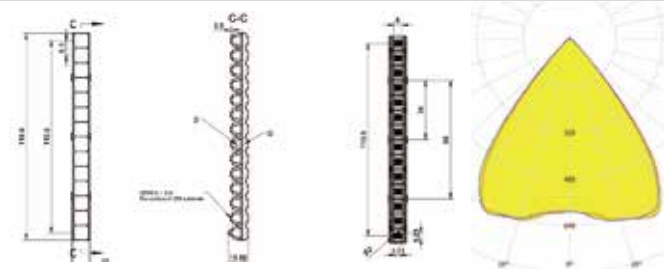
MN	1.01.44010
PN	HK-YH XK-119@12-45-3030-#0-1g-14_ASM
Dimension	118.8X11X11.59
LED	3030
FWHM	45°
LENS: PMMA	
Reflector: Vacuum Aluminum Plating PC	

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



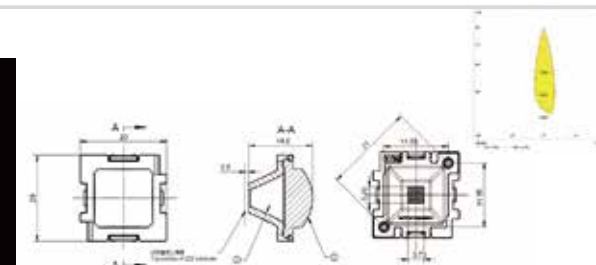
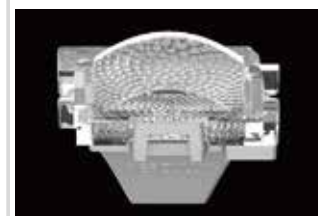
Application: Commercial lighting, Smart home lighting, Museum lighting, Office lighting

Firefly-Starry-10-14 IN 1-80



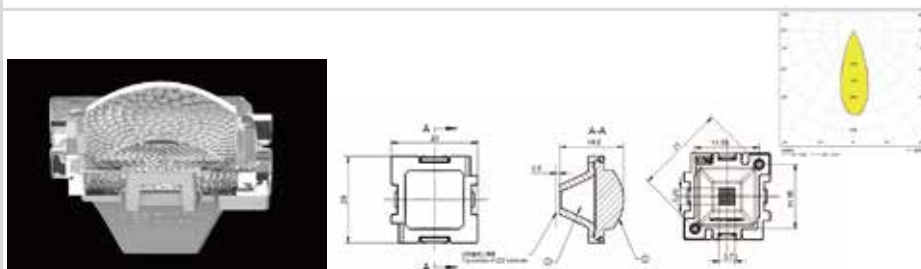
MN	1.01.44109
PN	HK-YH XK-119@12-80-3030-#0-1g-14_ASM
Dimension	118.8X11X11.59
LED	3030
FWHM	80°(Equiluminous Design)
LENS: PMMA	
Reflector: Vacuum Aluminum Plating PC	

Firefly-Starry-15-1 IN 1-24



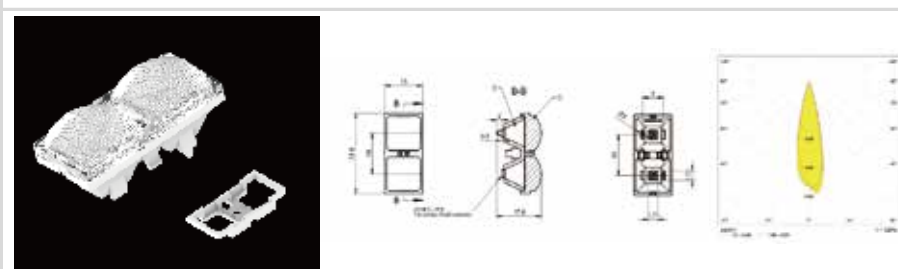
MN	1.01.43958
PN	HK-YH XK-20@15-24-3030-#0-1g-1_ASM
Dimension	20x20x14.8
LED	3030
FWHM	24°
LENS: PMMA Reflector: Vacuum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962)	

Firefly-Starry-15-1 IN 1-40



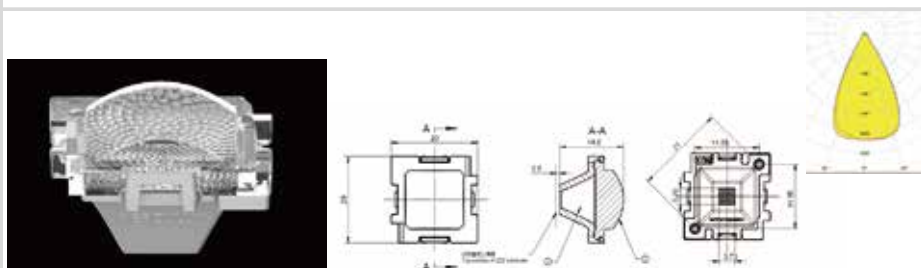
MN	1.01.43959
PN	HK-YH XK-20@15-40-3030-#0-1g-1_ASM
Dimension	20x20x14.8
LED	3030
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962)	

Firefly-Starry-15-2 IN 1-24



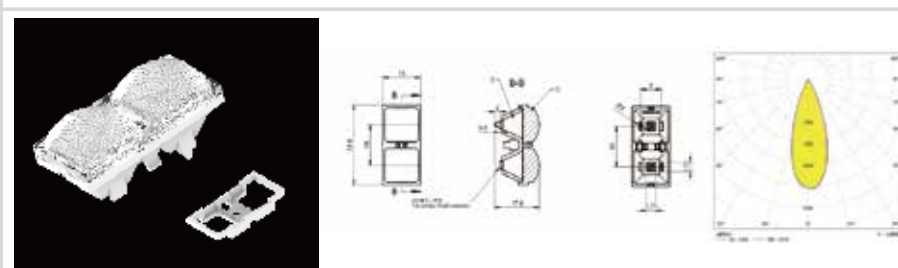
MN	1.01.33917
PN	HK-YH XK-32@17-24-3030-#0-1g-2_ASM-Y
Dimension	31.8x15x17.6
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.43941)	

Firefly-Starry-15-1 IN 1-60



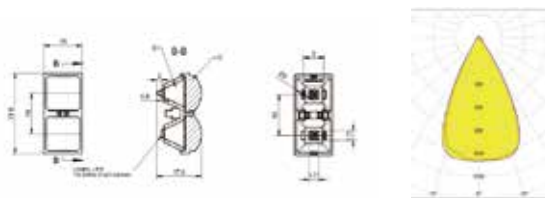
MN	1.01.43960
PN	HK-YH XK-20@15-60-3030-#0-1g-1_ASM
Dimension	20x20x14.8
LED	3030
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962)	

Firefly-Starry-15-2 IN 1-40



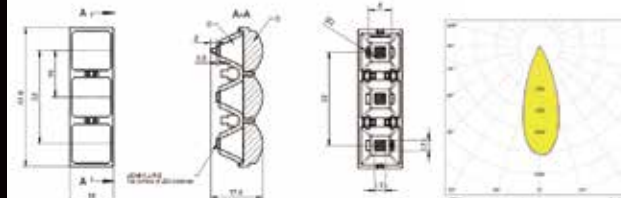
MN	1.01.33918
PN	HK-YH XK-32@17-40-3030-#0-1g-2_ASM
Dimension	31.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.43941)	

Firefly-Starry-15-2 IN 1-60



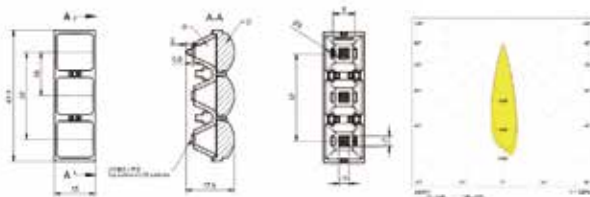
MN	1.01.33919
PN	HK-YH XK-32@17-60-3030-#0-1g-2_ASM
Dimension	31.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.43941)	

Firefly-Starry-15-3 IN 1-40



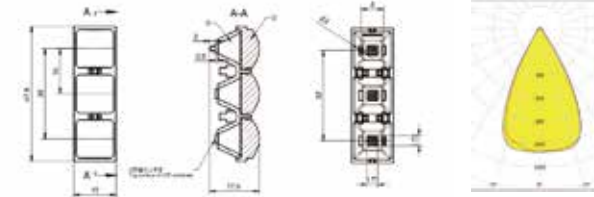
MN	1.01.33921
PN	HK-YH XK-48@17-40-3030-#0-1g-3_ASM
Dimension	47.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.43942)	

Firefly-Starry-15-3 IN 1-24



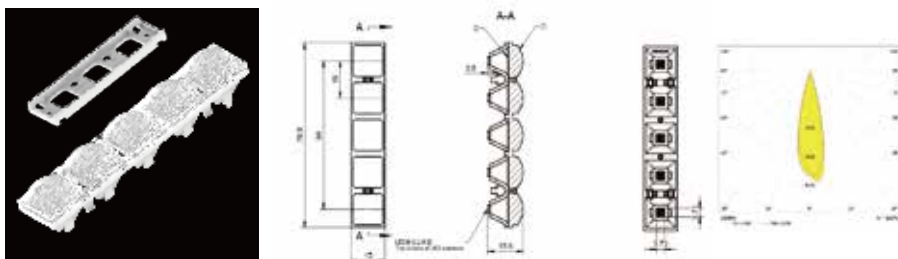
MN	1.01.33920
PN	HK-YH XK-48@17-24-3030-#0-1g-3_ASM-Y
Dimension	47.8x15x17.6
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.43942)	

Firefly-Starry-15-3 IN 1-60



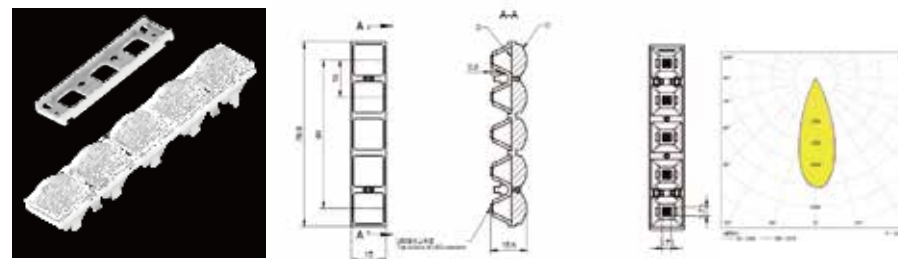
MN	1.01.33922
PN	HK-YH XK-48@17-60-3030-#0-1g-3_ASM
Dimension	47.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.43942)	

Firefly-Starry-15-5 IN 1-24



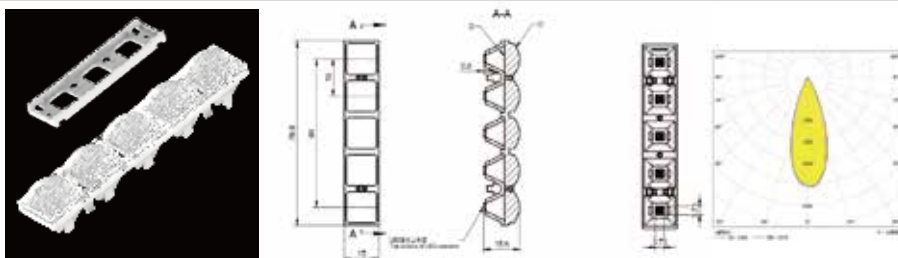
MN	1.01.33928
PN	HK-YH XK-80@17-24-3030-#0-1g-5_ASM-Y
Dimension	79.8x15x17.6
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder (1.07.43943)	

Firefly-Starry-15-5 IN 1-40 (2x3030)



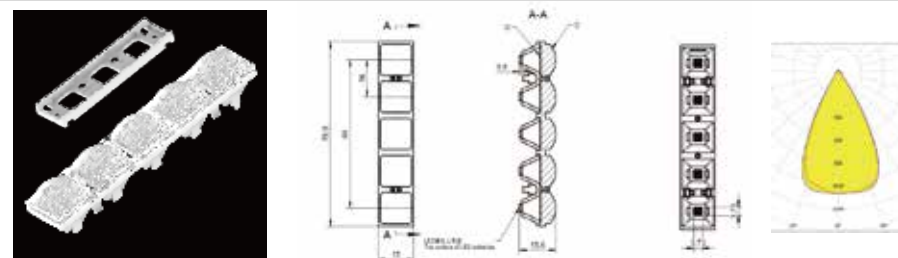
MN	1.01.33929_2K
PN	HK-YH XK-80@17-40-2X3030-#0-1g-5_ASM_2K
Dimension	79.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.43943) 5 IN 1 Holder-2 (1.07.44370)	

Firefly-Starry-15-5 IN 1-40



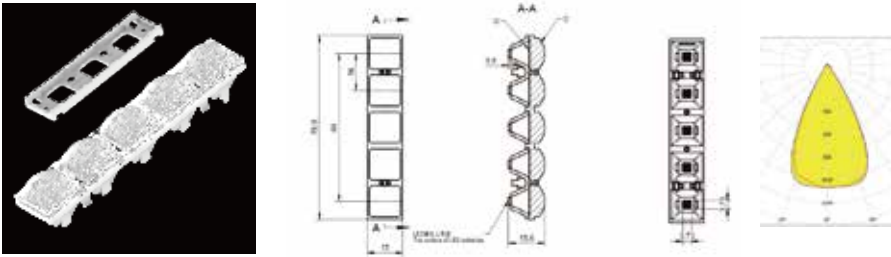
MN	1.01.33929
PN	HK-YH XK-80@17-40-3030-#0-1g-5_ASM
Dimension	79.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder (1.07.43943)	

Firefly-Starry-15-5 IN 1-60



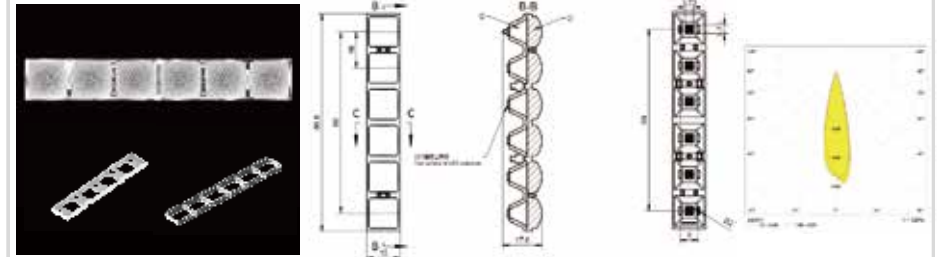
MN	1.01.33930
PN	HK-YH XK-80@17-60-3030-#0-1g-5_ASM
Dimension	79.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.43943) 5 IN 1 Holder-2 (1.07.44370)	

Firefly-Starry-15-5 IN 1-60 (2x3030)



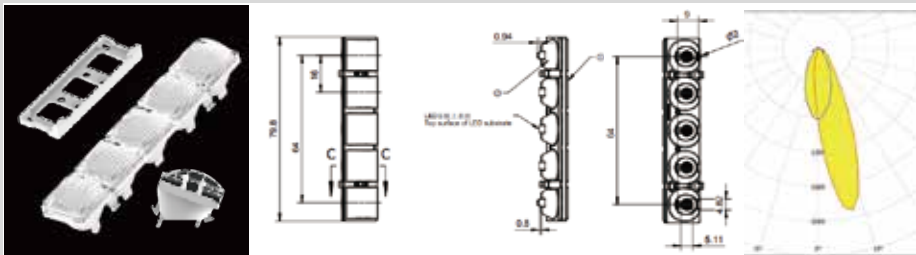
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PN	HK-YH XK-80@17-60-2X3030-#0-1g-5_ASM_2K
Dimension	79.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder (1.07.43943) 5 IN 1 Holder-2 (1.07.44370)	

Firefly-Starry-15-6 IN 1-24



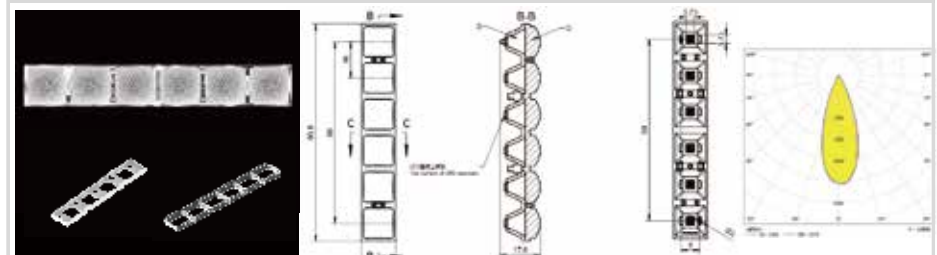
MN	1.01.33662
PN	HK-YH XK-96@17-24-3030-#0-1g-6_ASM
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder (1.07.33801) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-5 IN 1-Washing



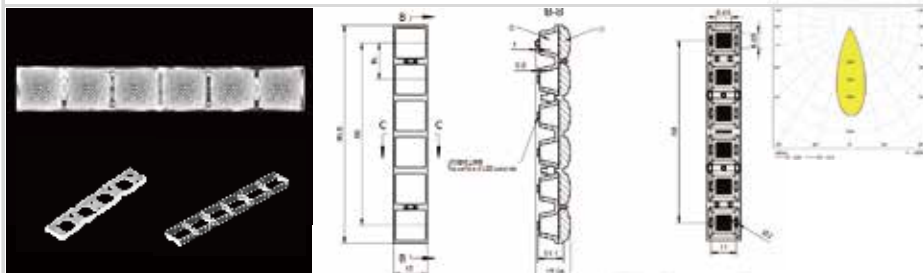
MN	1.01.44139
PN	HK-YH XK-80@13-XQ-3030-#0-1g-5_ASM
Dimension	79.8x15x13
LED	3030, 3535
FWHM	washing
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-15-6 IN 1-40



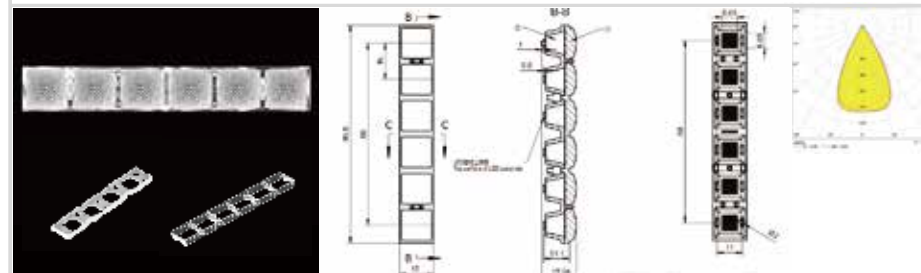
MN	1.01.33677
PN	HK-YH XK-96@17-40-3030-#0-1g-6_ASM
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder (1.07.33801) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-40 (2x3030)



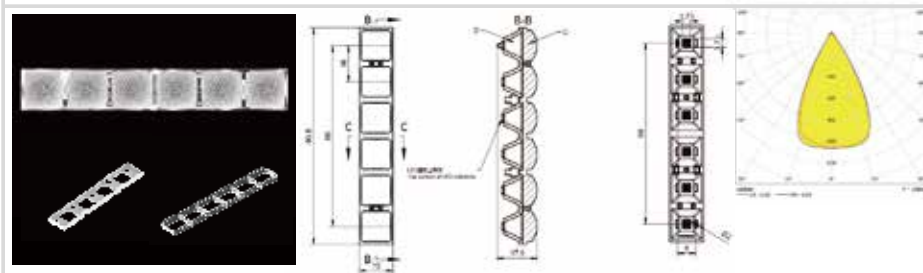
MN	1.01.33677_2K
PN	HK-YH XK-96@17-40-2X3030-#0-1g-6_ASM_2K
尺寸	95.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.33801) 6 IN 1 Holder-2 (1.07.44370) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-60 (2x3030)



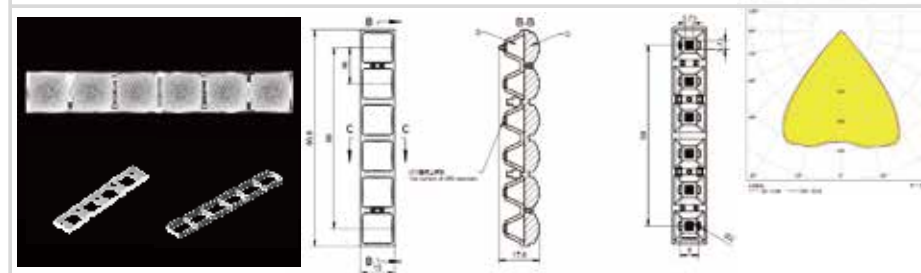
MN	1.01.33752_2K
PN	HK-YH XK-96@17-60-2X3030-#0-1g-6_ASM_2K
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.33801) 6 IN 1 Holder-2 (1.07.44370) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-60



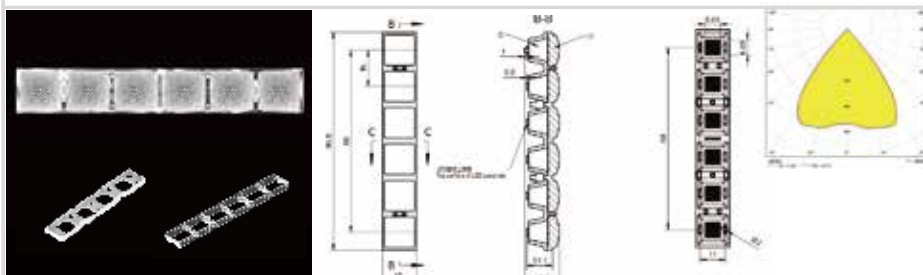
MN	1.01.33752
PN	HK-YH XK-96@17-60-3030-#0-1g-6_ASM
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN1 Holder (1.07.33801) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-80



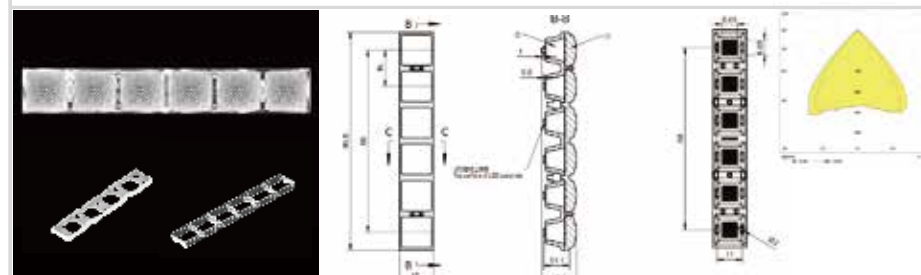
MN	1.01.44029
PN	HK-YH XK-96@16-80-3030-#0-1g-6_ASM
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder (1.07.33801) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-80 (2x3030)



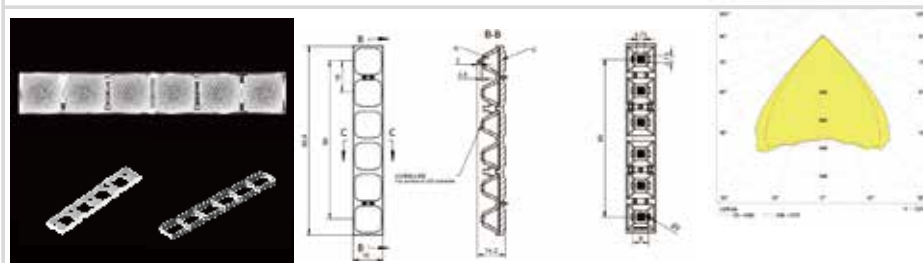
MN	1.01.44029_2K
PN	HK-YH XK-96@15-80-2X3030-#0-1g-6_ASM_2K
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	80°(Equiluminous Design)
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.33801) 6 IN 1 Holder-2 (1.07.44370) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-90 (2x3030)



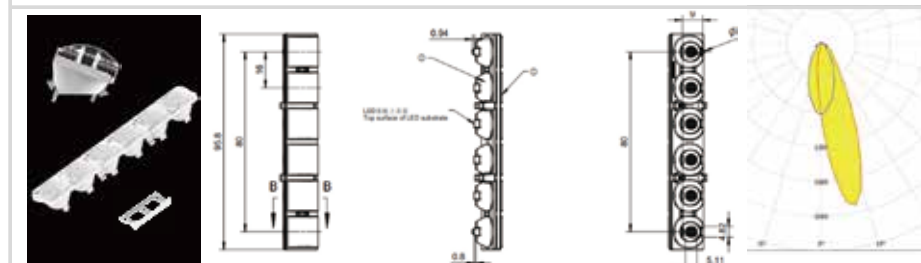
MN	1.01.44124_2K
PN	HK-YH XK-96@13-90-2X3030-#0-1g-6_ASM_2K
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	90° (Equiluminous Design)
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.33801) 6 IN 1 Holder-2 (1.07.44370) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-90



MN	1.01.44124
PN	HK-YH XK-96@14-90-3030-#0-1g-6_ASM
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	90°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder (1.07.33801) 6 IN 1 Louver (1.07.33803)	

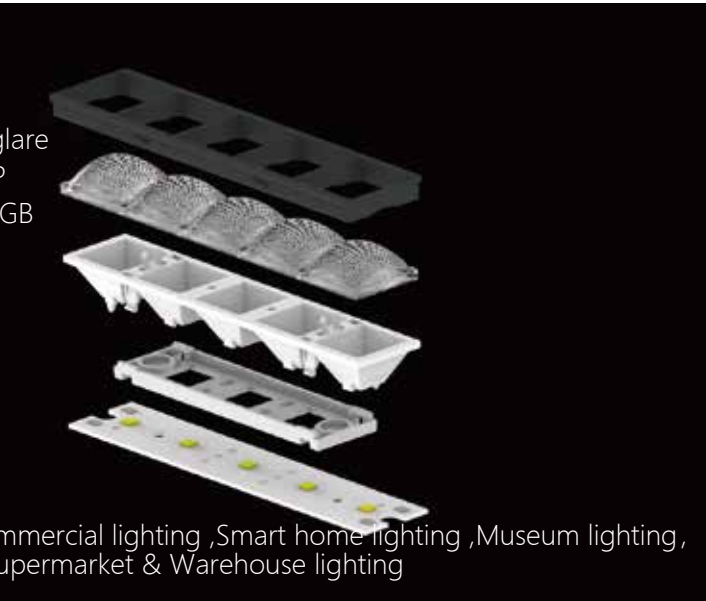
Firefly-Starry-15-6 IN 1-Washing



MN	1.01.44138
PN	HK-YH XK-96@13-XQ-3030-#0-1g-6_ASM
Dimension	95.8x15x12.92
LED	3030, 3535
FWHM	washing
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

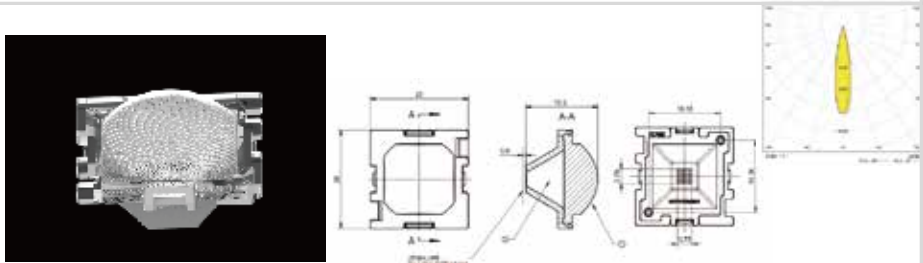
Firefly-Starry-19

✓ Ultra low glare
✓ High CBCP
✓ Mix CCT RGB



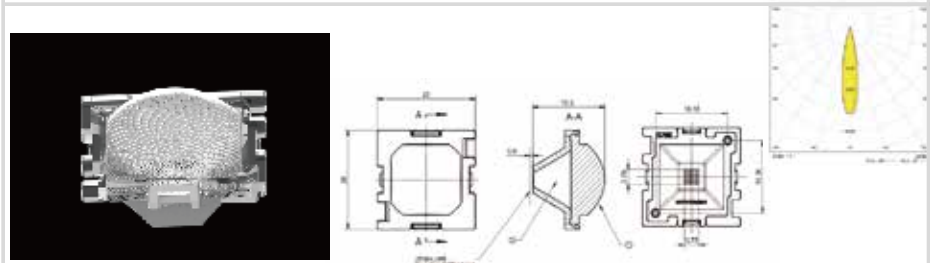
Application: Commercial lighting ,Smart home lighting ,Museum lighting ,
Office lighting ,Supermarket & Warehouse lighting

Firefly-Starry-19-1 IN 1-24(R)



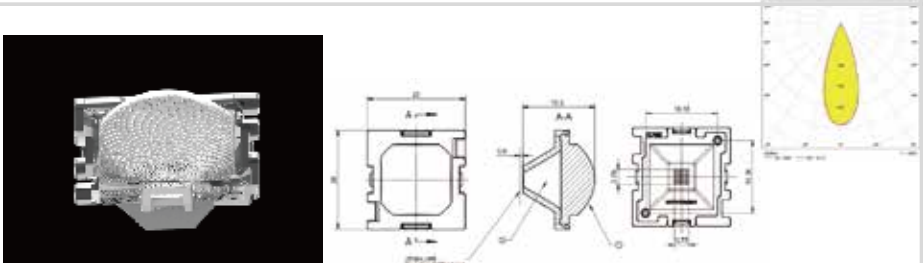
MN	1.01.33876
PN	HK-YH XK-25@19-24-3030-#0-1g-2_ASM-Y
Dimension	25x25x18.3
LED	3030
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767)	

Firefly-Starry-19-1 IN 1-20(S)



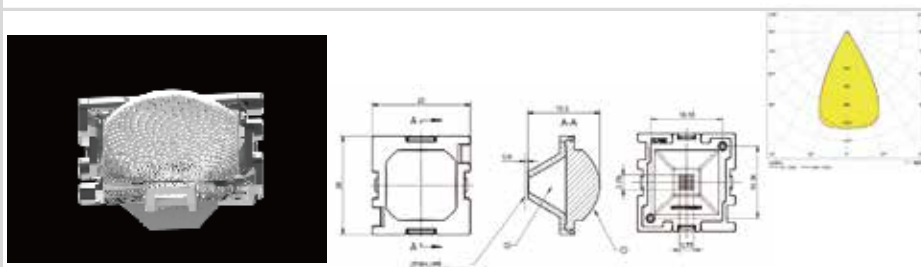
MN	1.01.33766
PN	HK-YH XK-25@19-20-3030-#0-1g-2_ASM-F
Dimension	25x25x18.3
LED	3030
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767)	

Firefly-Starry-19-1 IN 1-40



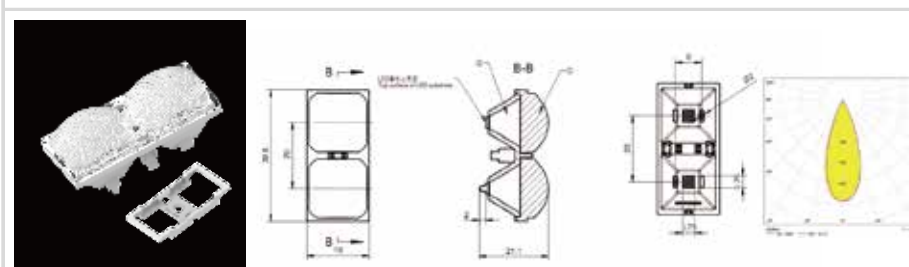
MN	1.01.33866
PN	HK-YH XK-25@19-40-3030-#0-1g-2_ASM-Y
Dimension	25x25x18.3
LED	3030
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767)	

Firefly-Starry-19-1 IN 1-60



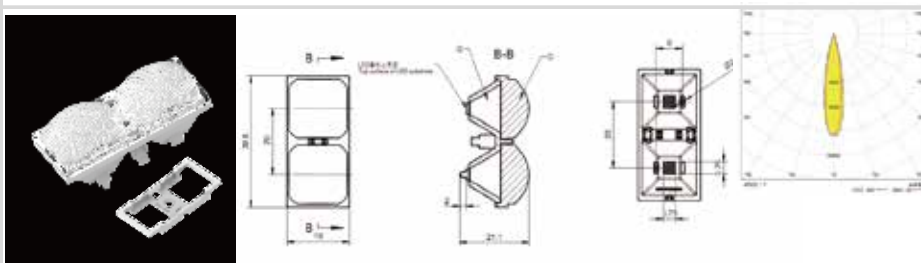
MN	1.01.33867
PN	HK-YH XK-25@19-60-3030-#0-1g-2_ASM-Y
Dimension	25x25x18.3
LED	3030
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767)	

Firefly-Starry-19-2 IN 1-40



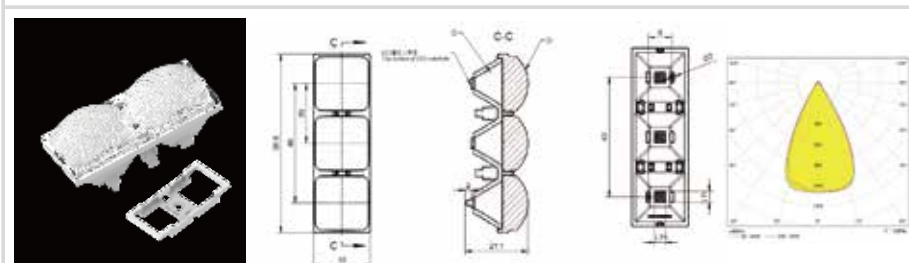
MN	1.01.33857
PN	HK-YH XK-40@21-40-3030-#0-1g-2_ASM
Dimension	39.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder-1 (1.07.43944) 2 IN 1 Holder-2 (1.07.54599)	

Firefly-Starry-19-2 IN 1-20



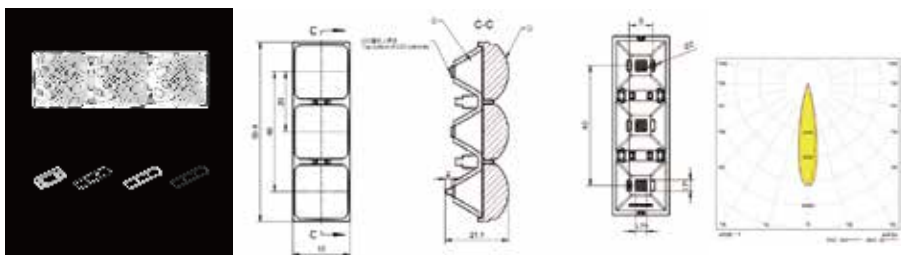
MN	1.01.33856
PN	HK-YH XK-40@21-20-3030-#0-1g-2_ASM-F
Dimension	39.8x19x21.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder-1 (1.07.43944) 2 IN 1 Holder-2 (1.07.54599)	

Firefly-Starry-19-2 IN 1-60



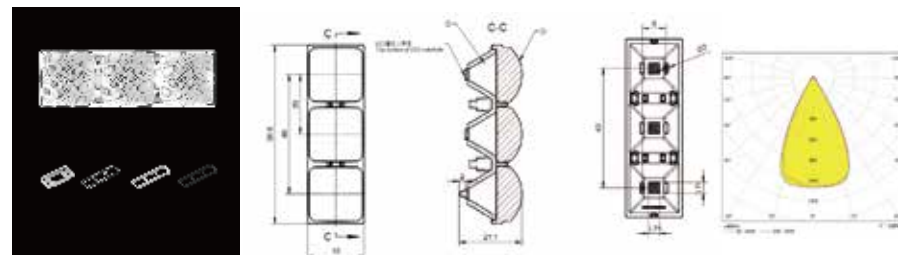
MN	1.01.33858
PN	HK-YH XK-40@21-60-3030-#0-1g-2_ASM
Dimension	39.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder-1 (1.07.43944) 2 IN 1 Holder-2 (1.07.54599)	

Firefly-Starry-19-3 IN 1-20



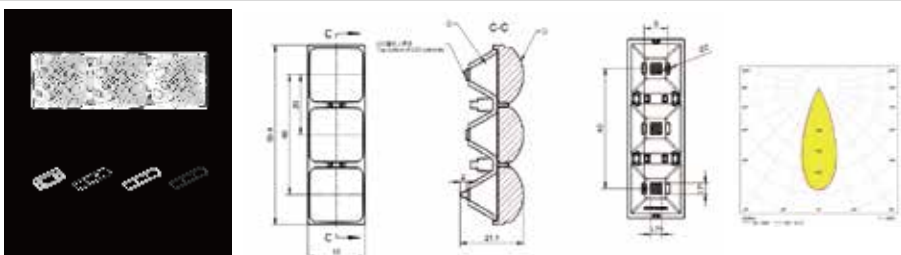
MN	1.01.33859
PN	HK-YH XK-60@21-20-3030-#0-1g-3_ASM-F
Dimension	59.8x19x21.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder-1 (1.07.43945) 3 IN 1 Holder-2 (1.07.54599) 3 IN 1 Louver (1.07.44046)	

Firefly-Starry-19-3 IN 1-60



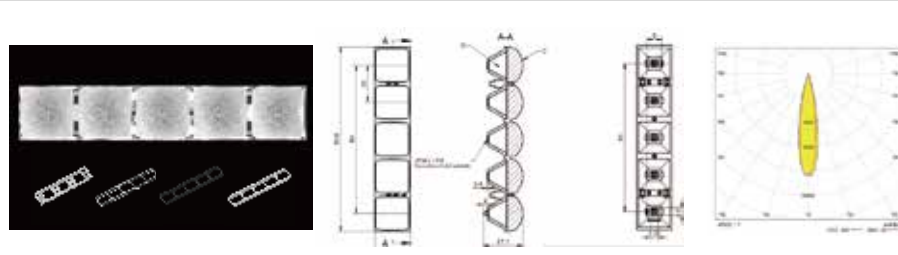
MN	1.01.33861
PN	HK-YH XK-60@21-60-3030-#0-1g-3_ASM
Dimension	59.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder-1 (1.07.43945) 3 IN 1 Holder-2 (1.07.54599) 3 IN 1 Louver (1.07.44046)	

Firefly-Starry-19-3 IN 1-40



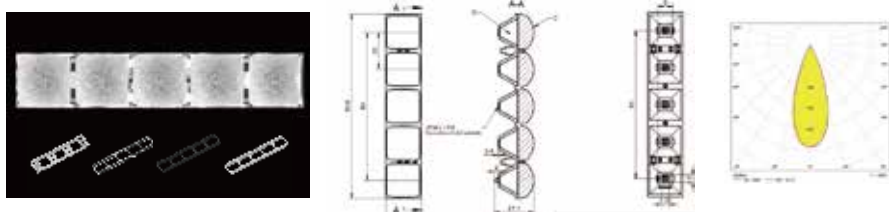
MN	1.01.33860
PN	HK-YH XK-60@21-40-3030-#0-1g-3_ASM
Dimension	59.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder-1 (1.07.43945) 3 IN 1 Holder-2 (1.07.54599) 3 IN 1 Louver (1.07.44046)	

Firefly-Starry-19-5 IN 1-20



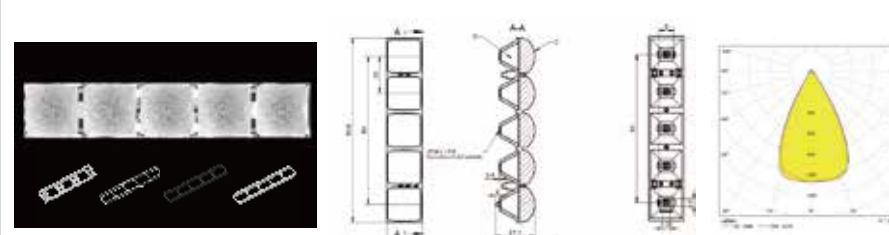
MN	1.02.33619
PN	HK-YH XK-100@20-20-3030-#0-1g-5_ASM
Dimension	99.8x19x21.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-40



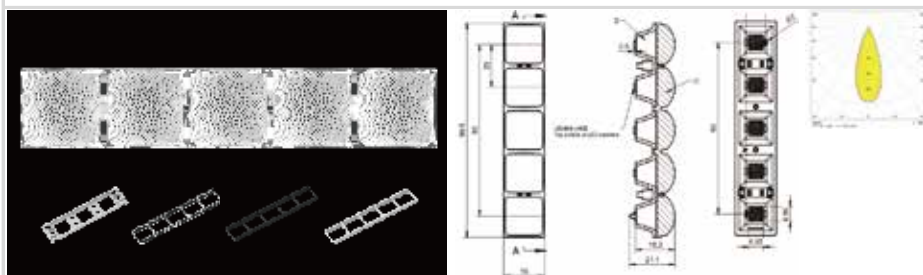
MN	1.02.33720
PN	HK-YH XK-100@18-40-3030-#0-1g-5_ASM
Dimension	99.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-60



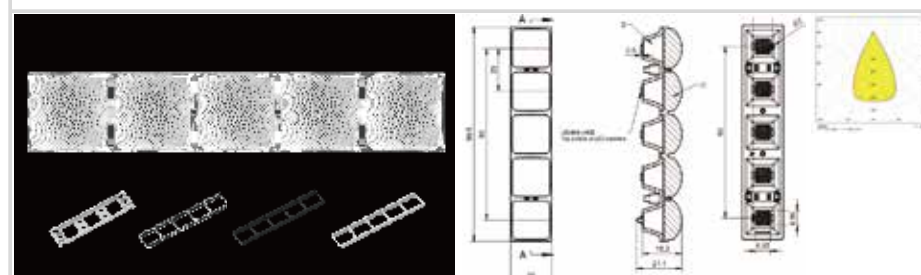
MN	1.02.33746
PN	HK-YH XK-100@20-60-3030-#0-1g-5_ASM
Dimension	99.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-40 (2x3030)



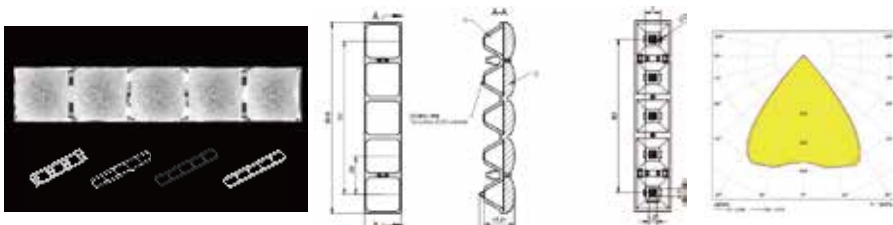
MN	1.02.33720_2K
PN	HK-YH XK-100@18-40-2X3030-#0-1g-5_ASM_2K
Dimension	99.8x19x21.1
LED	2x3030, 2x3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-60 (2x3030)



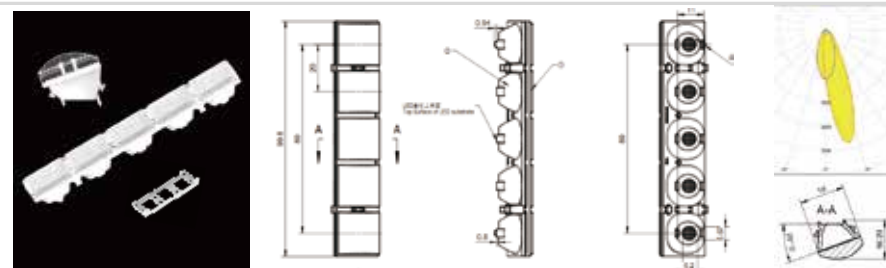
MN	1.02.33746_2K
PN	HK-YH XK-100@20-60-2X3030-#0-1g-5_ASM_2K
Dimension	99.8x19x21.1
LED	2x3030, 2x3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-80



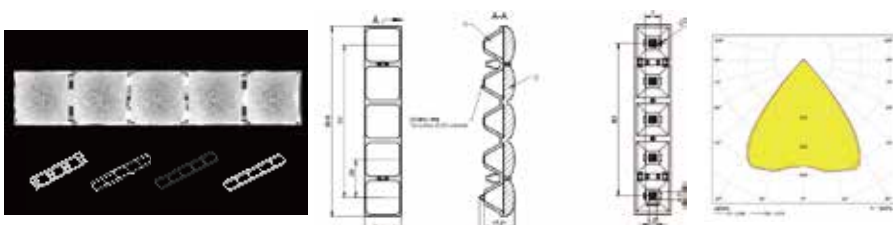
MN	1.01.33886
PN	HK-YH XK-100@18-80-3030-#0-1g-5_ASM
Dimension	99.8x19x18.31
LED	3030, 3535
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-Washing



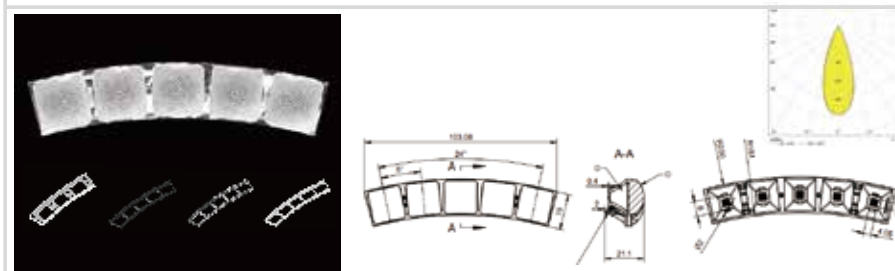
MN	1.01.44073
PN	HK-YH XK-100@17-XQ-3030-#0-1g-5_ASM-2
Dimension	99.8x19x16.29
LED	3030, 3535
FWHM	washing
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.44082)	

Firefly-Starry-19-5 IN 1-80 (2x3030)



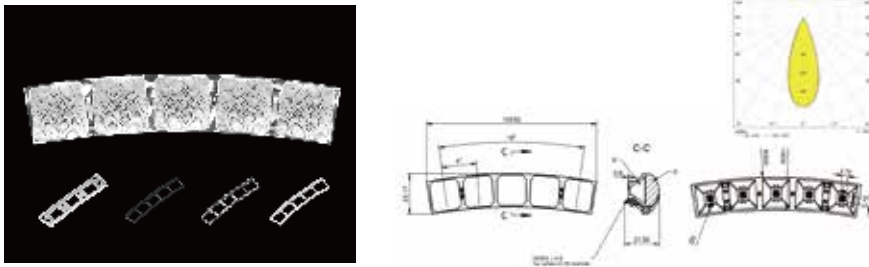
MN	1.01.33886_2K
PN	HK-YH XK-100@18-80-3030-#0-1g-5_ASM_2K
Dimension	99.8x19x18.31
LED	2x3030, 2x3535
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

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



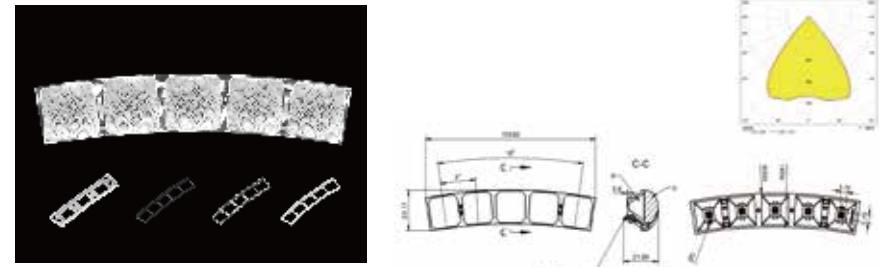
MN	1.01.44153
PN	HK-YH XK-103@21-40-3030-#0-1g-5_ASM
Dimension	103.08x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.44154) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.44155)	

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



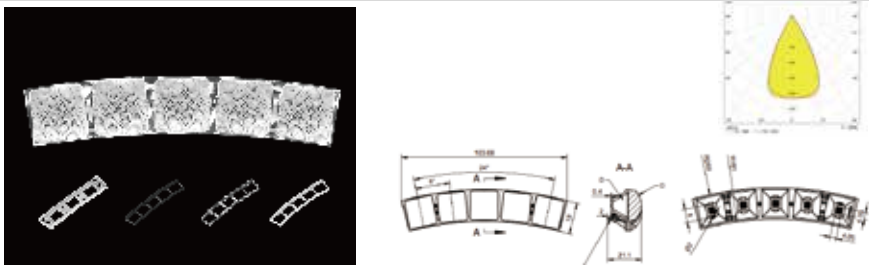
MN	1.01.33823
PN	HK-YH XK-104@21-40-3030-#0-1g-5_ASM
Dimension	103.82X23.17X21.09
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33824) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33902)	

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



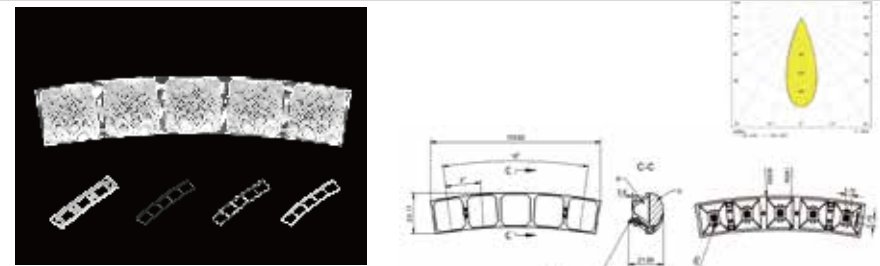
MN	1.01.44319
PN	HK-YH XK-104@18-80-3030-#0-1g-5_ASM
Dimension	103.82X23.17X21.09
LED	3030, 3535
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33824) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33902)	

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



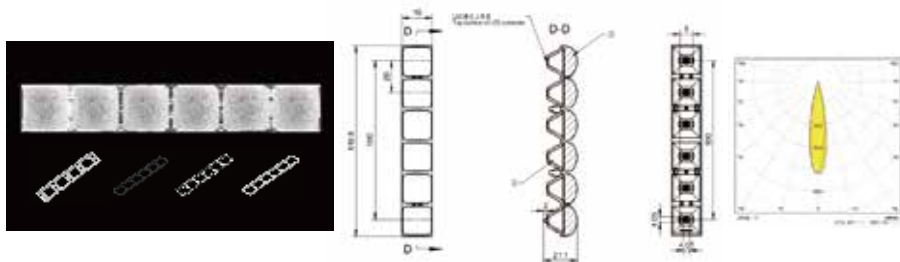
MN	1.01.44318
PN	HK-YH XK-104@21-60-3030-#0-1g-5_ASM
Dimension	103.08x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33824) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33902)	

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



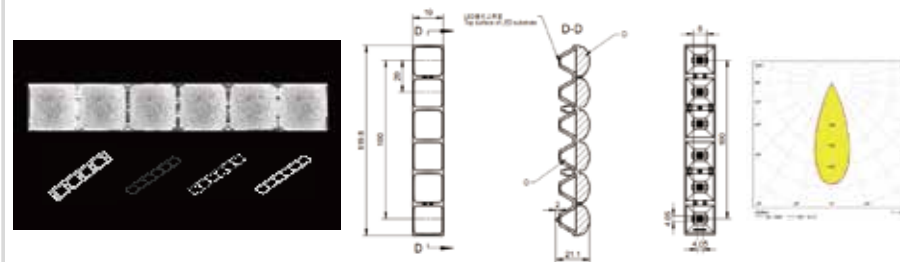
MN	1.01.44179
PN	HK-YH XK-104@21-40-3030-#0-1g-5_ASM
Dimension	104.09x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.44180) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.44181)	

Firefly-Starry-19-6 IN 1-20



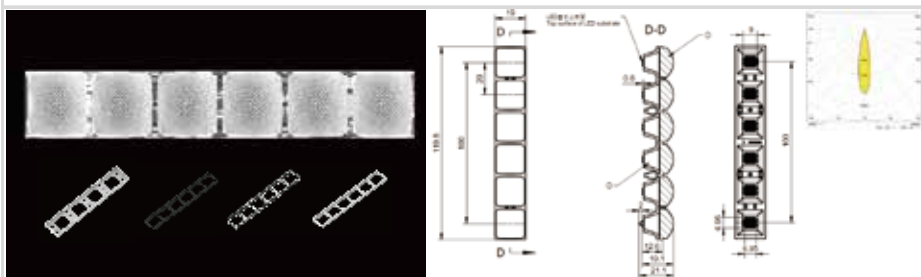
MN	1.01.43998
PN	HK-YH XK-120@21-20-3030-#0-1g-6_ASM-F
Dimension	119.8x19x21.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-40



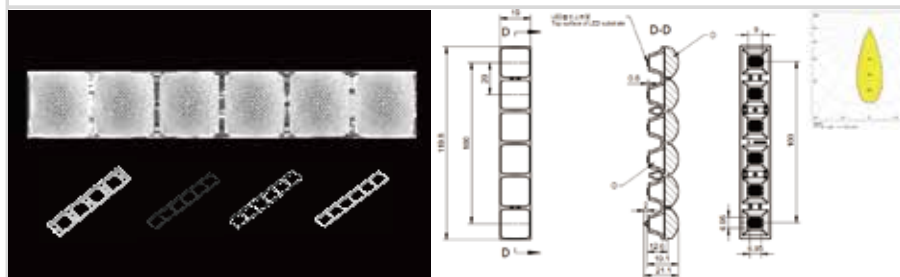
MN	1.01.43999
PN	HK-YH XK-120@21-40-3030-#0-1g-6_AS
Dimension	119.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-20 (5050)



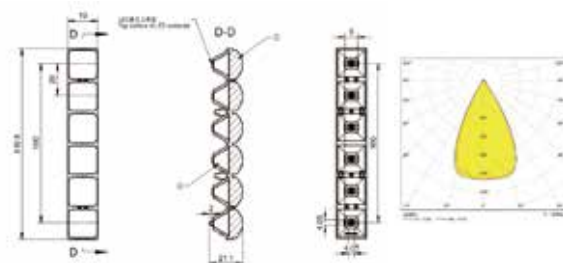
MN	1.01.43998_2K
PN	HK-YH XK-120@21-20-3030-#0-1g-6_ASM-F_2K
Dimension	119.8x19x21.1
LED	5050
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-40 (2x3030)



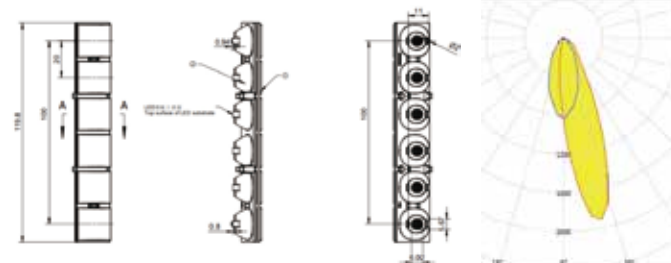
MN	1.01.43999_2K
PN	HK-YH XK-120@21-40-3030-#0-1g-6_AS_2K
Dimension	119.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-60



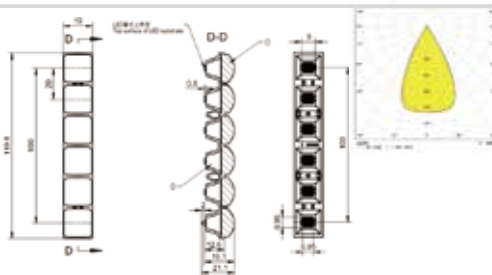
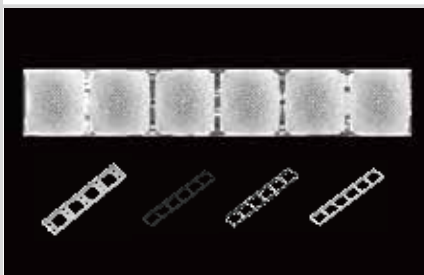
MN	1.01.44004
PN	HK-YH XK-120@21-60-3030-#0-1g-6_ASM
Dimension	119.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector: Vacuum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-Washing



MN	1.01.44115
PN	HK-YH XK-120@17-XQ-3030-#0-1g-6_ASM
Dimension	119.8x19x16.29
LED	3030, 3535
FWHM	washing
LENS: PMMA Reflector: Vacuum Aluminum Plating PC	
6 IN 1 Holder (1.07.44131)	

Firefly-Starry-9-6 IN 1-60 (2x3030)



MN	1.01.44004_2K
PN	HK-YH XK-120@21-60-3030-#0-1g-6_ASM_2K
Dimension	119.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector: Vacuum 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)	

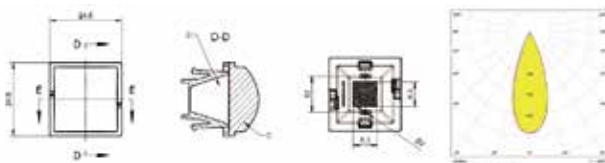
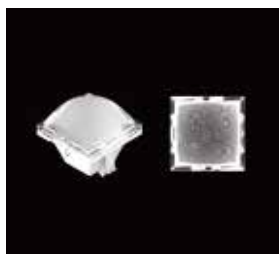
Firefly-Starry-25

- ✓ Ultra low glare
- ✓ High CBCP
- ✓ Mix CCT RGB



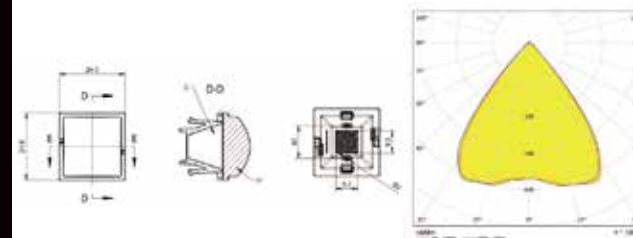
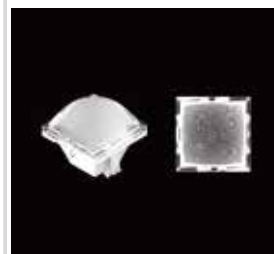
Application: Commercial lighting ,Smart home lighting ,Museum lighting ,Office lighting ,Supermarket & Warehouse lighting

Firefly-Starry-25-1 IN 1-40



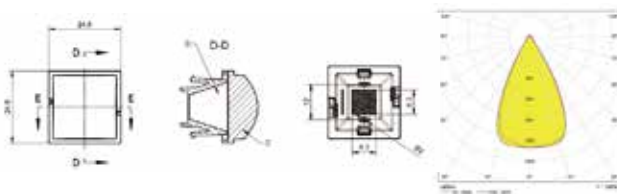
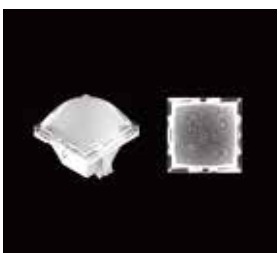
MN	1.01.44026
PN	HK-YH XK-25@27-40-4X3030-#0-1g-1_ASM
Dimension	24.8x24.8x26.5
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.54443)	

Firefly-Starry-25-1 IN 1-80



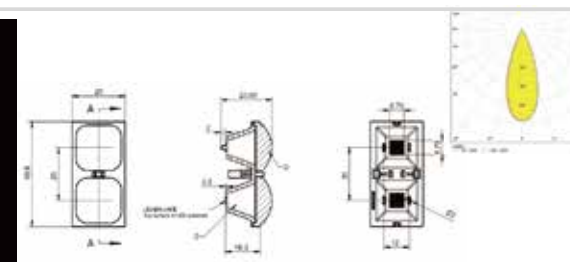
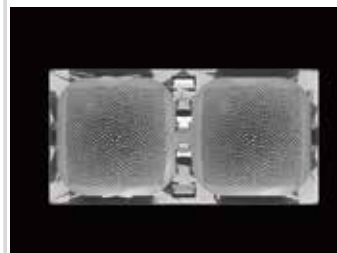
MN	1. 01.54440
PN	HK-YH XK-25@21-80-4X3030-#0-1g-1_ASM
Dimension	25x25x23
LED	3030, 3535
FWHM	80°(Equiluminous Design)
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.54443)	

Firefly-Starry-25-1 IN 1-60



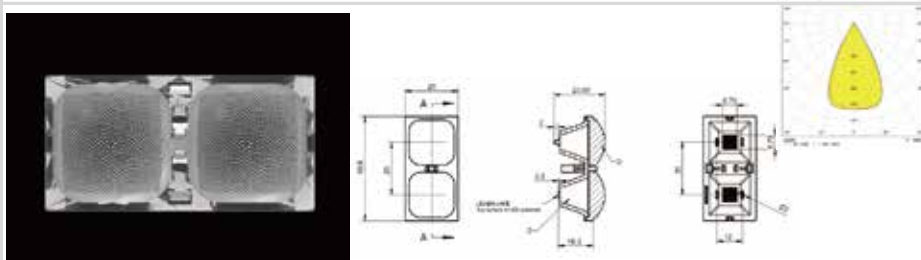
MN	1.01.54442
PN	HK-YH XK-25@23-60-4X3030-#0-1g-1_ASM
Dimension	25x25x23
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.54443)	

Firefly-Starry-25-2 IN 1-40



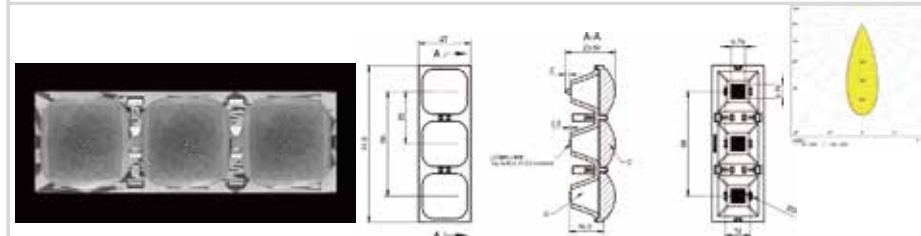
MN	1.01.44395
PN	HK-YH XK-50@24-40-4X3030-#0-1-2_ASM
Dimension	25x49.8x24.1
LED	3030
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

Firefly-Starry-25-2 IN 1-60



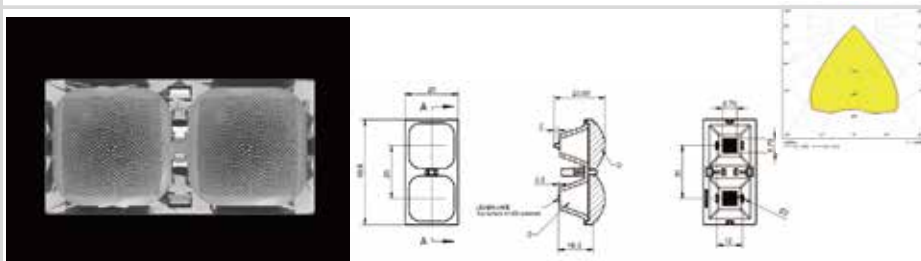
MN	1.01.44394
PN	HK-YH XK-50@24-60-4X3030-#0-1-2_ASM
Dimension	25x49.8x24.1
LED	3030
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

Firefly-Starry-25-3 IN 1-40



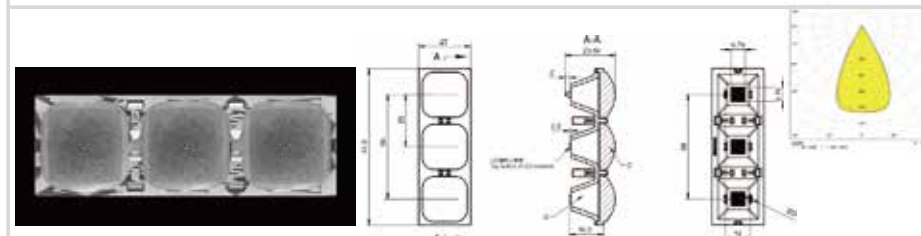
MN	1.01.44392
PN	HK-YH XK-75@24-40-4X3030-#0-1-3_ASM
Dimension	25x74.8x23.9
LED	3030
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

Firefly-Starry-25-2 IN 1-80



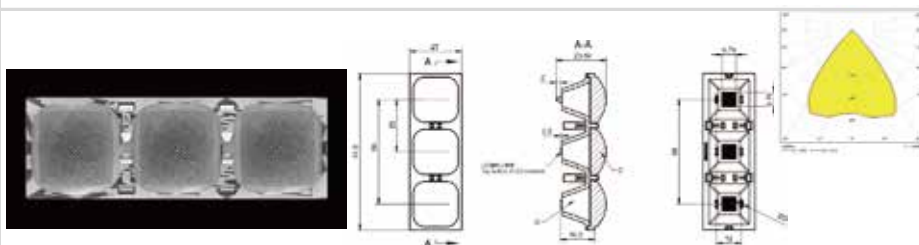
MN	1.01.44396
PN	HK-YH XK-50@22-80-4X3030-#0-1-2_ASM
Dimension	25x49.8x21.8
LED	3030
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

Firefly-Starry-25-3 IN 1-60



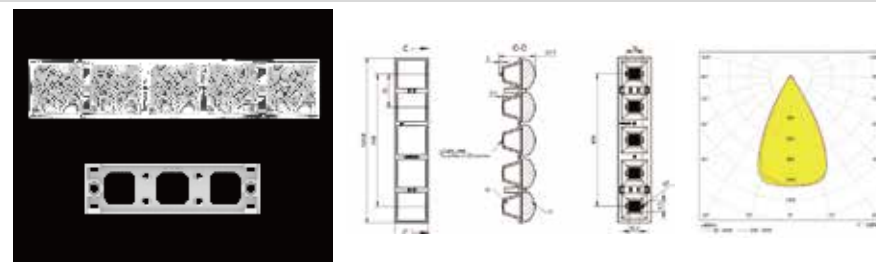
MN	1.01.44391
PN	HK-YH XK-75@24-60-4X3030-#0-1g-3_ASM
Dimension	25x74.8x23.9
LED	3030
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

Firefly-Starry-25-3 IN 1-80



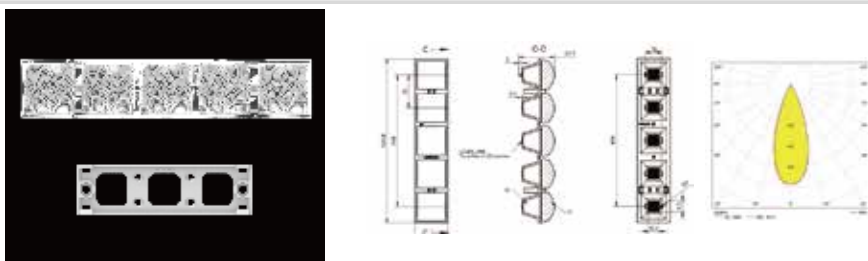
MN	1.01.44393
PN	HK-YH XK-75@22-80-4X3030-#0-1-3_ASM
Dimension	25x74.8x21.8
LED	3030
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.44397)	

Firefly-Starry-25-5 IN 1-60



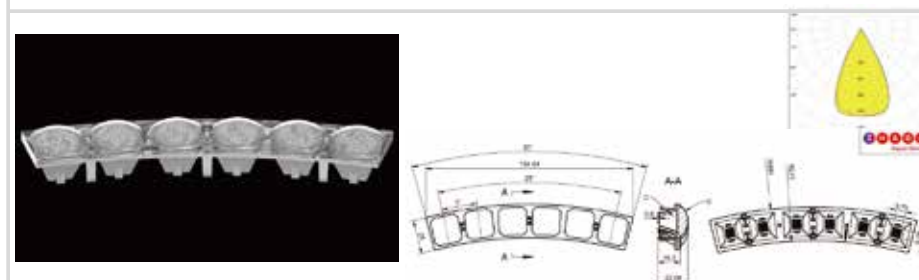
MN	1.01.33832
PN	HK-YH XK-125@27-60-4X3030-#0-1g-5_ASM
Dimension	124.8x25x26.5
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33833) 5 IN 1 Holder-2 (1.07.44397)	

Firefly-Starry-25-5 IN 1-40



MN	1.01.44019
PN	HK-YH XK-125@27-40-4X3030-#0-1g-5_ASM
Dimension	124.8x25x26.5
LED	3030, 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-25-6 IN 1-R300-60



MN	1.01.54571
PN	HK-YH XK-155@22-60-4X3030-#0-1g-6_ASM
Dimension	1154.84x25x22.08
LED	3030
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder (1.07.44397)	

Firefly-Starry-25G

✓ Ultra low glare

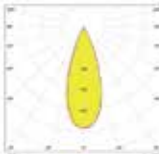
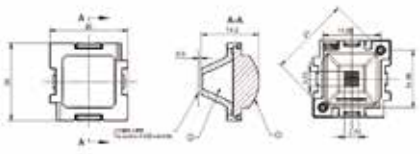
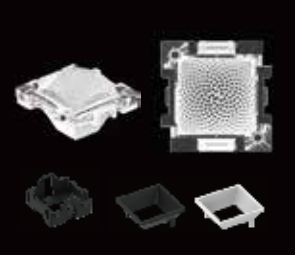
✓ High CBCP

✓ Mix CCT RGB



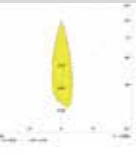
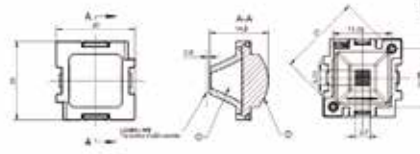
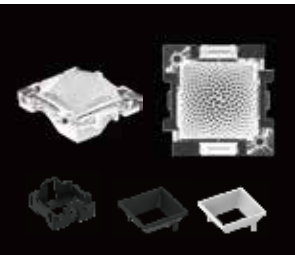
Application: Commercial lighting ,Smart home lighting ,Museum lighting ,Office lighting ,Supermarket & Warehouse lighting

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



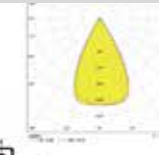
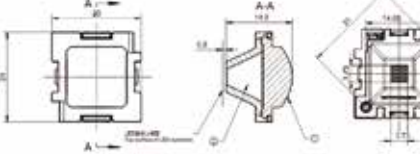
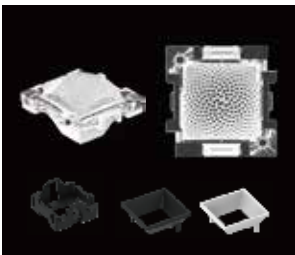
MN	1.01.43959
PN	HK-YH XK-20@15-40-3030-#0-1g-1_ASM
Dimension	20x20x14.8
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962) 1 IN 1 Louver (1.07.43961)	

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



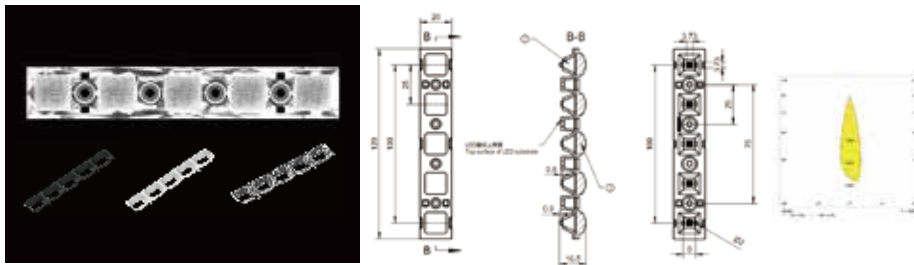
MN	1.01.43958
PN	HK-YH XK-20@15-24-3030-#0-1g-1_ASM-Y
Dimension	20x20x14.8
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962) 1 IN 1 Louver (1.07.43961)	

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



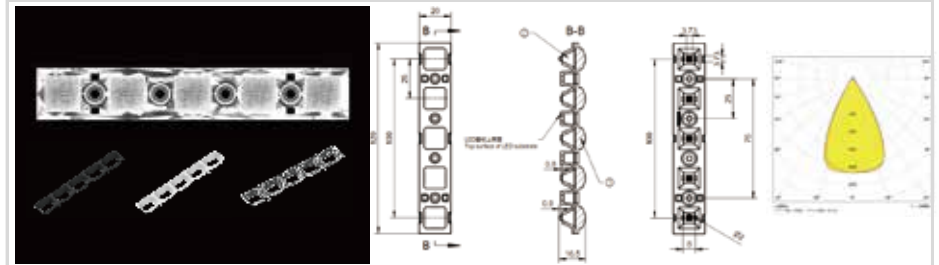
MN	1.01.43960
PN	HK-YH XK-20@15-60-3030-#0-1g-1_ASM
Dimension	20x20x14.8
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962) 1 IN 1 Louver (1.07.43961)	

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



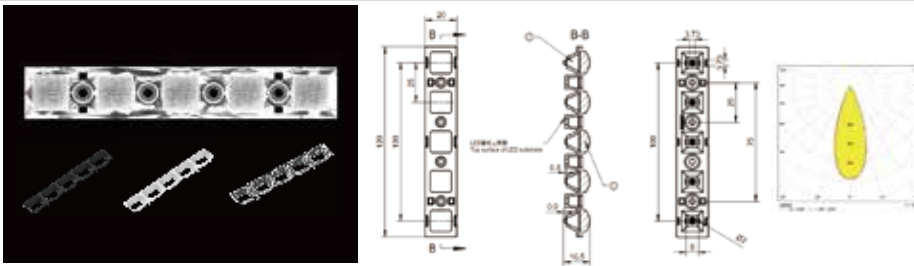
MN	1.01.44039
PN	HK-YH XK-120@17-24-3030-#0-1g-5_ASM-Y
Dimension	120x20x16.5
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Louver (1.07.44085)	

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



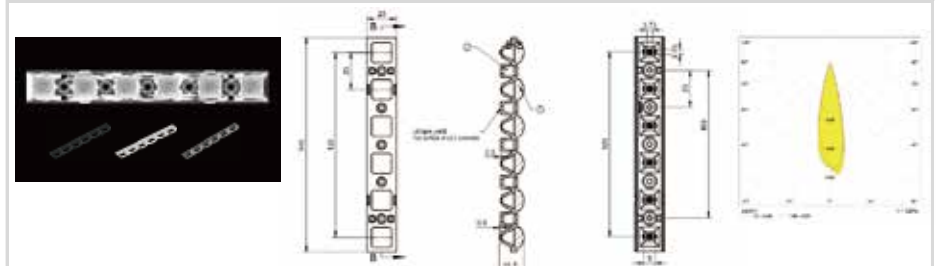
MN	1.01.44365
PN	HK-YH XK-120@17-60-3030-#0-1g-5_ASM
Dimension	L120x20x16.5
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Louver (1.07.44085)	

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



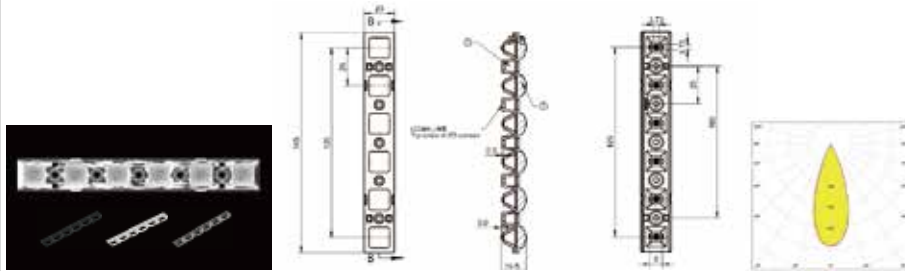
MN	1.01.44040
PN	HK-YH XK-120@17-40-3030-#0-1g-5_ASM
Dimension	120x20x16.5
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Louver (1.07.44085)	

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



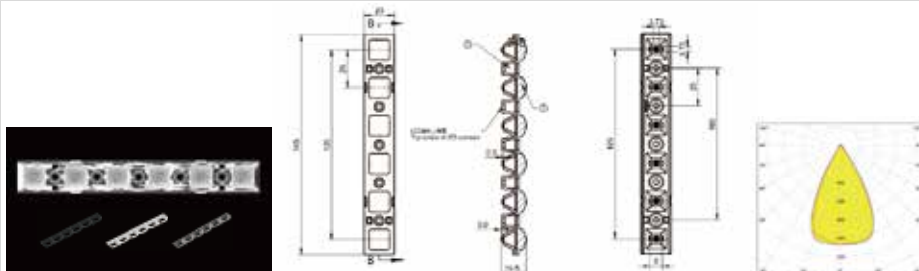
MN	1.01.44245
PN	HK-YH XK-145@17-24-3030-#0-1g-6_ASM_Y
Dimension	145x20x16.5
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.07.44248)	

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



MN	1.01.44246
PN	HK-YH XK-145@17-40-3030-#0-1g-6_ASM
Dimension	145x20x16.5
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector: Vacuum Aluminum Plating PC	
6 IN 1 Louver (1.07.44248)	

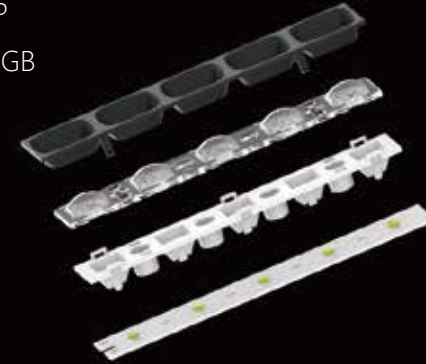
Firefly-Starry-25G-6 IN 1-60



MN	1.01.44366
PN	HK-YH XK-145@17-60-3030-#0-1g-6_ASM
Dimension	145x20x16.5
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector: Vacuum Aluminum Plating PC	
6 IN 1 Louver (1.07.44248)	

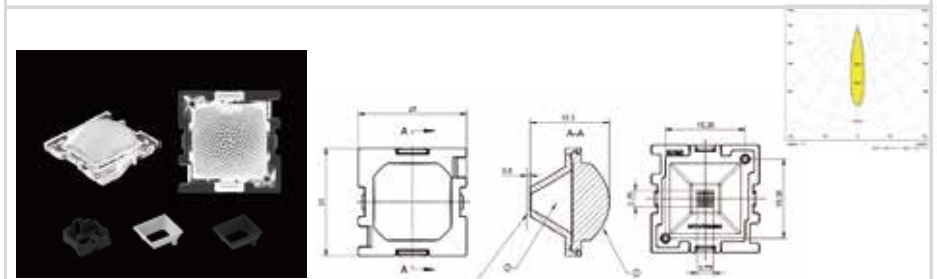
Firefly-Starry-30G

- ✓ Ultra low glare
- ✓ High CBCP
- ✓ Mix CCT RGB



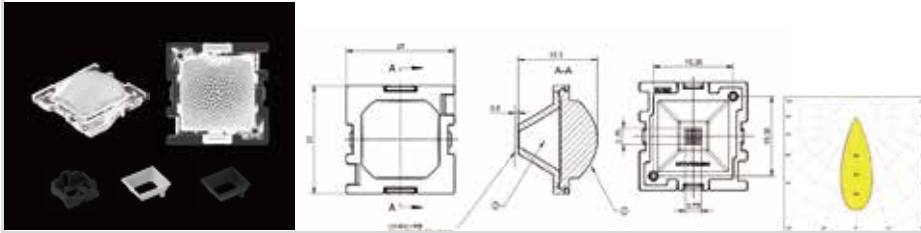
Application: Commercial lighting, Smart home lighting, Museum lighting, Office lighting, Supermarket & Warehouse lighting

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



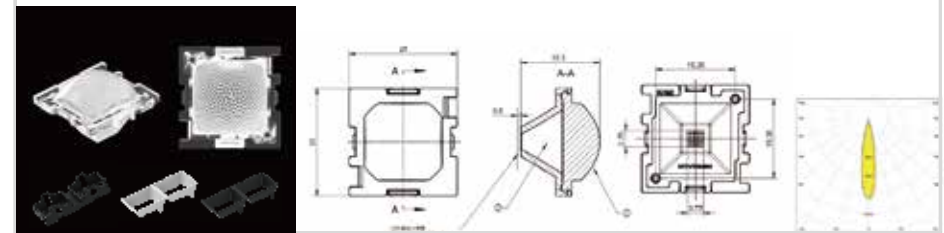
MN	1.01.33766
PN	HK-YH XK-25@19-20-3030-#0-1g-1_ASM-F
Dimension	25x25x18.3
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector: Vacuum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767) 1 IN 1 Louver (1.07.33777)	

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



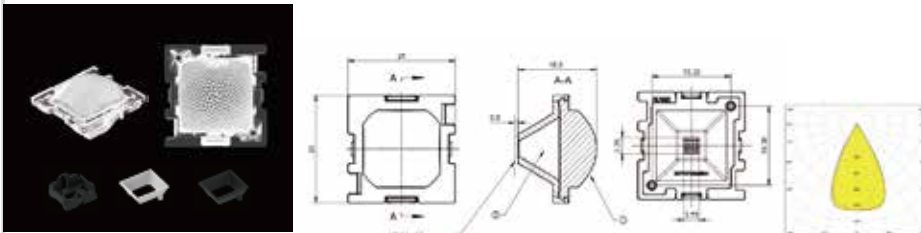
MN	1.01.33866
PN	HK-YHXK-25@19-40-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767) 1 IN 1 Louver (1.07.33777)	

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



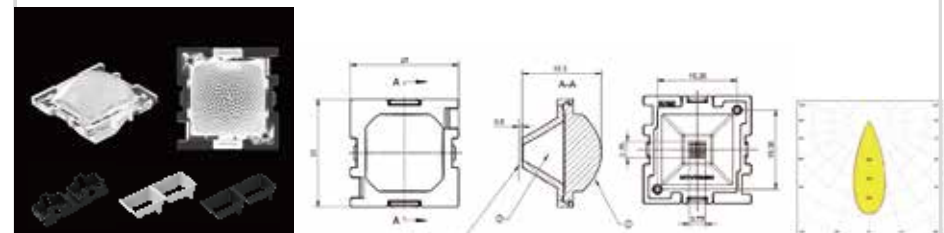
MN	1.01.33766
PN	HK-YHXK-25@19-20-3030-#0-1g-1_ASM-F
Dimension	25x25x18.3
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.33788) 2 IN 1 Louver (1.07.33787)	

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



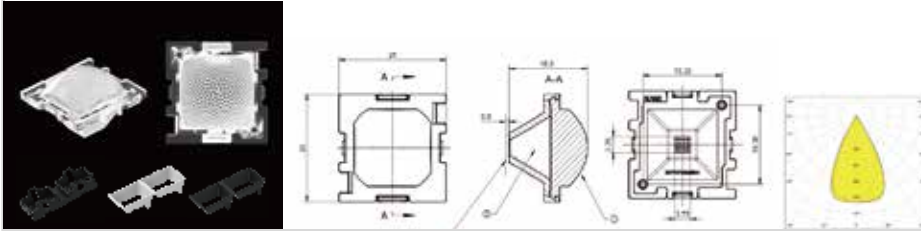
MN	1.01.33867
PN	HK-YHXK-25@19-60-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767) 1 IN 1 Louver (1.07.33777)	

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



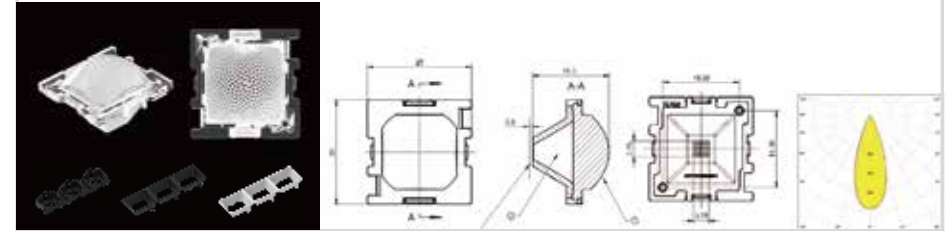
MN	1.01.33866
PN	HK-YHXK-25@19-40-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.33788) 2 IN 1 Louver (1.07.33787)	

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



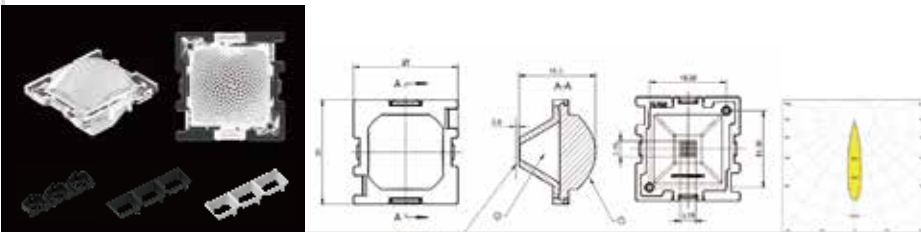
MN	1.01.33867
PN	HK-YH XK-25@19-60-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.33788) 2 IN 1 Louver (1.07.33787)	

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



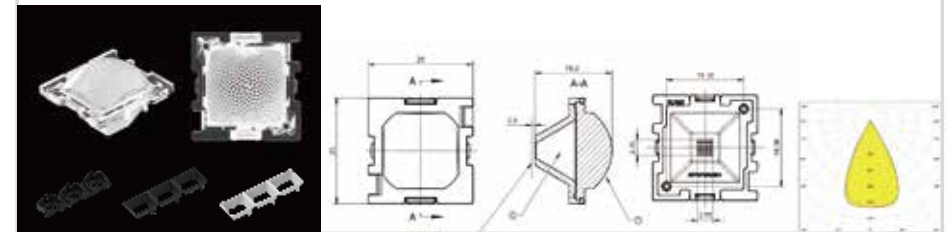
MN	1.01.33866
PN	HK-YH XK-25@19-40-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.33790) 3 IN 1 Louver (1.07.33789)	

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



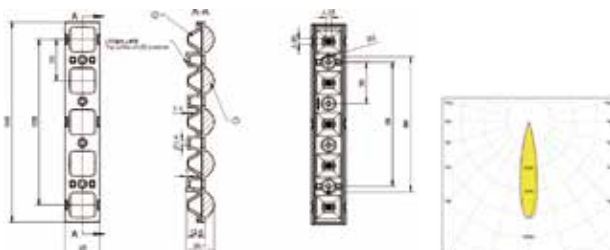
MN	1.01.33766
PN	HK-YH XK-25@19-20-3030-#0-1g-1_ASM-F
Dimension	25x25x18.3
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.33790) 3 IN 1 Louver (1.07.33789)	

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



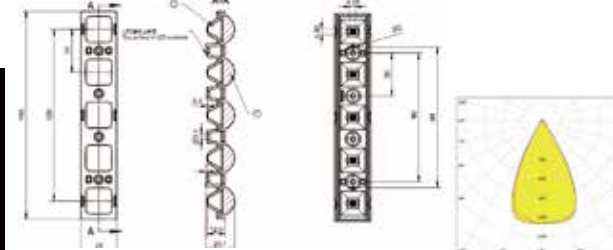
MN	1.01.33867
PN	HK-YH XK-25@19-60-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.33790) 3 IN 1 Louver (1.07.33789)	

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



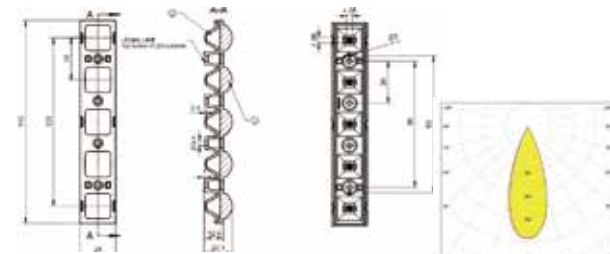
MN	1.01.44201
PN	HK-YH XK-145@20-20-3030-#0-1g-5_ASM-F
Dimension	145x25x20.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Louver (1.07.44209)	

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



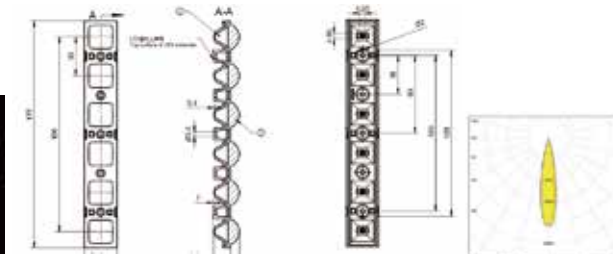
MN	1.01.44203
PN	HK-YH XK-145@20-60-3030-#0-1g-5_ASM
Dimension	145x25x20.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Louver (1.07.44209)	

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



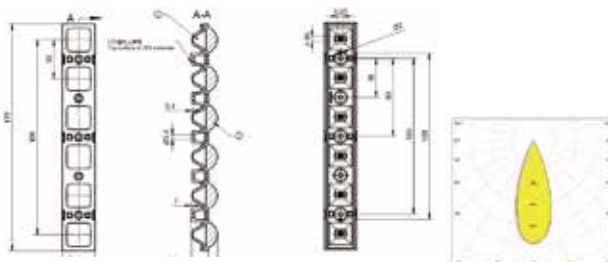
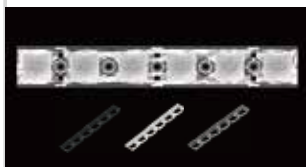
MN	1.01.44202
PN	HK-YH XK-145@20-40-3030-#0-1g-5_ASM
Dimension	145x25x20.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Louver (1.07.44209)	

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



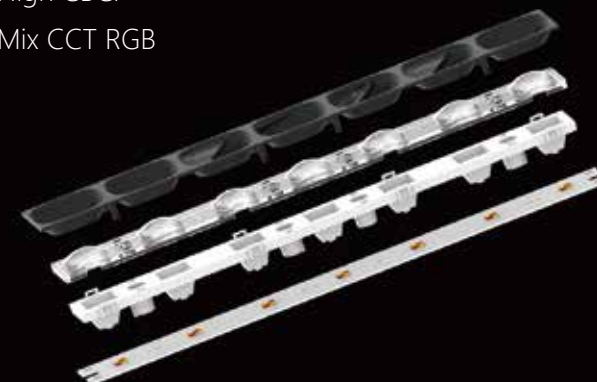
MN	1.01.44204
PN	HK-YH XK-175@20-20-3030-#0-1g-6_ASM-F
Dimension	175x25x20.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.01.44227)	

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



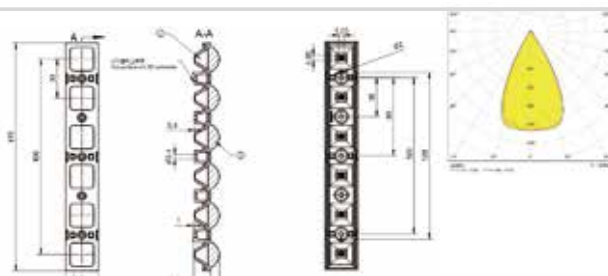
MN	1.01.44205
PN	HK-YHXK-175@20-40-3030-#0-1g-6_ASM
Dimension	175x25x20.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.01.44227)	

- ✓ Ultra low glare
- ✓ High CBCP
- ✓ Mix CCT RGB



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

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



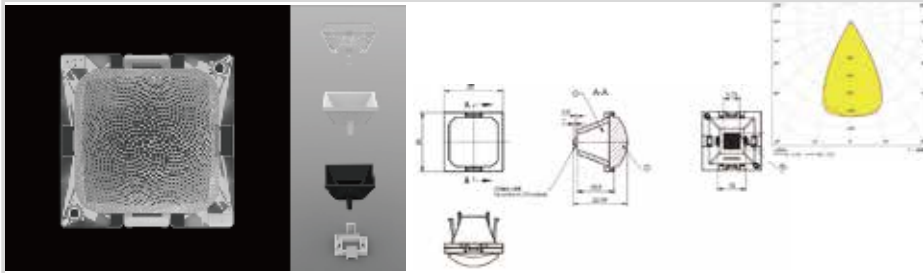
MN	1.01.44206
PN	HK-YHXK-175@20-60-3030-#0-1g-6_ASM
Dimension	175x25x20.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.01.44227)	

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



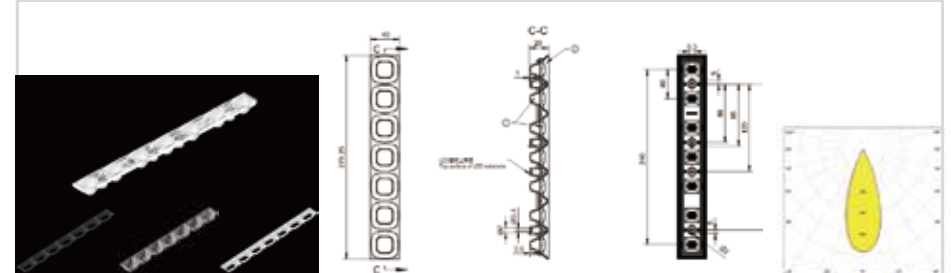
MN	1.01.54441
PN	HK-YHXK-25@23-40-4X3030-#0-1g-1_ASM
Dimension	25x25x22.9
LED	3030
FWHM	40°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



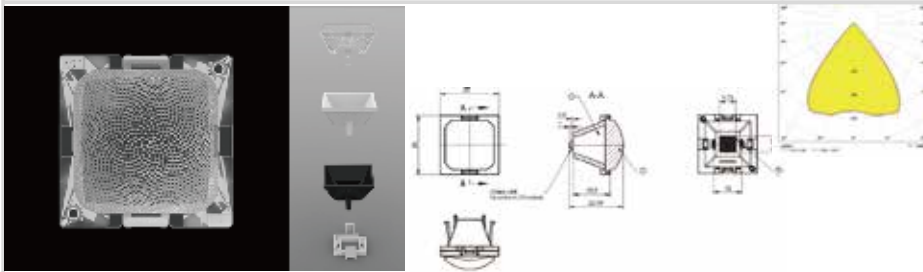
MN	1.01.54442
PN	HK-YH XK-25@23-60-4X3030-#0-1g-1_ASM
Dimension	25x25x22.9
LED	3030
FWHM	60°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



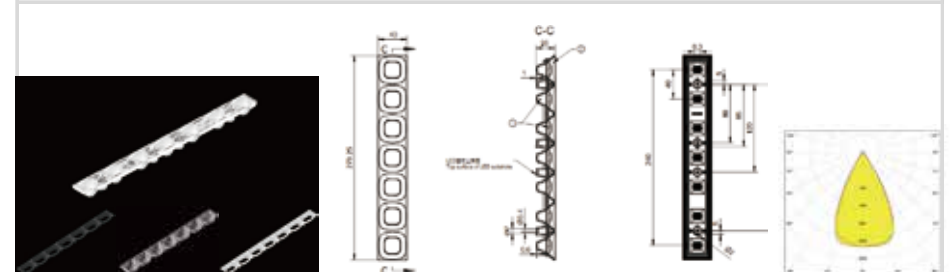
MN	1.01.44268
PN	HK-YH XK-270@23-40-4X3030-#0-1g-7_ASM
Dimension	270x30x23
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.44086)	

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



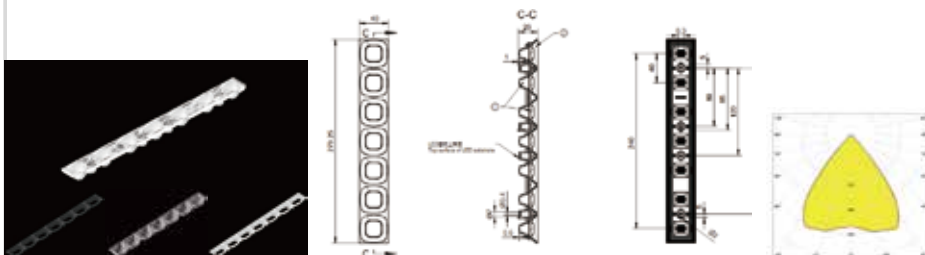
MN	1.01.54440
PN	HK-YH XK-25@21-80-4X3030-#0-1g-1_ASM
Dimension	25x25x20.8
LED	3030
FWHM	80°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



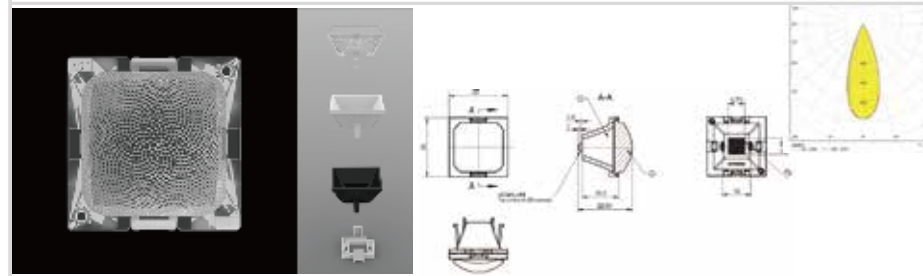
MN	1.01.44225
PN	HK-YH XK-270@23-60-4X3030-#0-1g-7_ASM
Dimension	270x30x23.09
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.44086)	

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



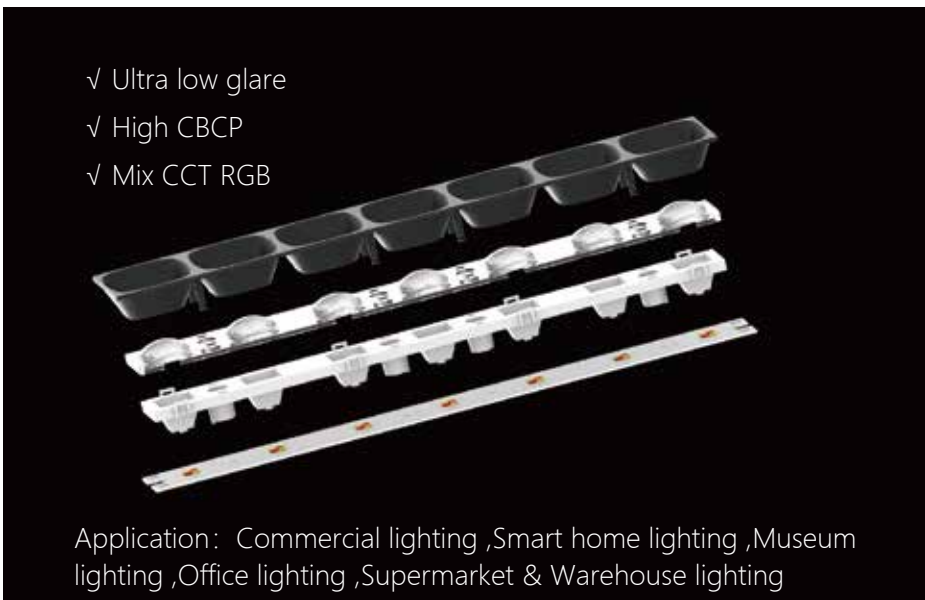
MN	1.01.44047
PN	HK-YH XK-270@21-80-4X3030-#0-1g-7_ASM
Dimension	270x30x20.77
LED	3030, 3535
FWHM	80°
LENS: PMMA Reflector: Vacuum Aluminum Plating PC	
7 IN 1 Louver (1.07.44086)	

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

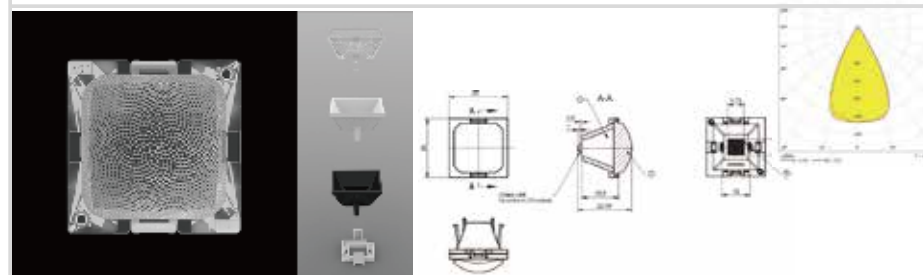


MN	1.01.54441
PN	HK-YH XK-25@23-40-4X3030-#0-1g-1_ASM
Dimension	25x25x22.9
LED	3030
FWHM	40°
LENS: PMMA	
Reflector: Vacuum Aluminum Plating PC	

Firefly-Starry-50G

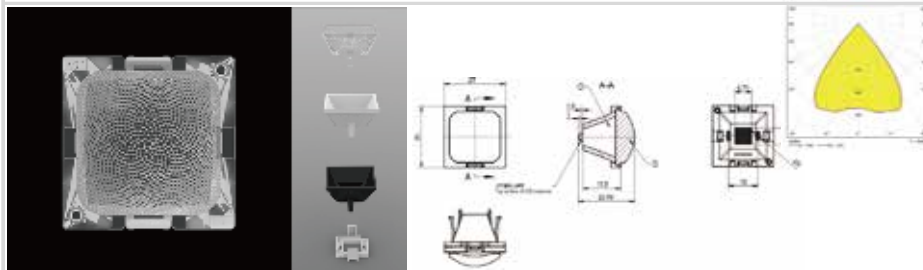


Firefly-Starry-50G-1 IN 1-60



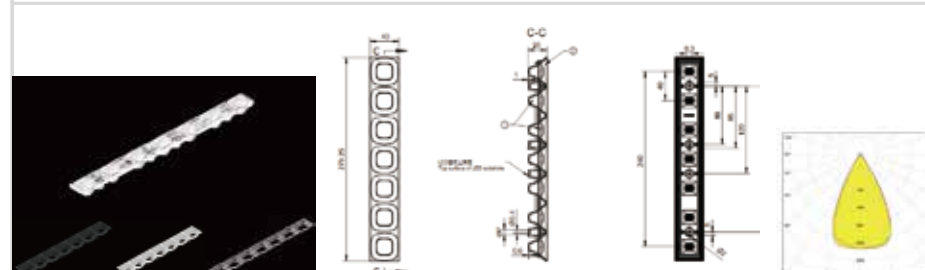
MN	1.01.54442
PN	HK-YH XK-25@23-60-4X3030-#0-1g-1_ASM
Dimension	25x25x22.9
LED	3030
FWHM	60°
LENS: PMMA	
Reflector: Vacuum Aluminum Plating PC	

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



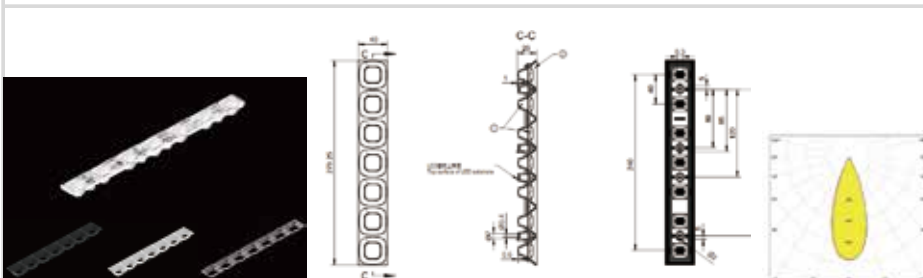
MN	1.01.54440
PN	HK-YH XK-25@21-80-4X3030-#0-1g-1_ASM
Dimension	25x25x20.8
LED	3030
FWHM	80°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



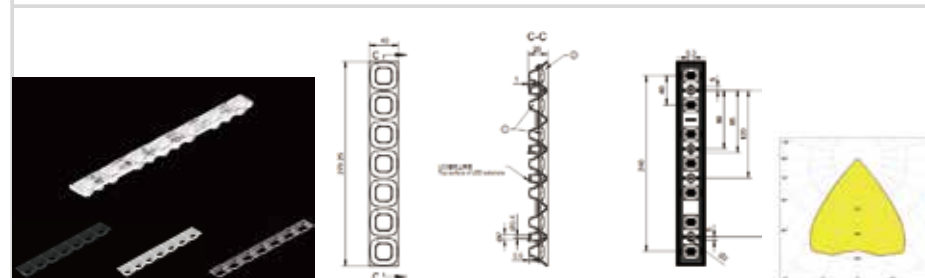
MN	1.01.44225
PN	HK-YH XK-270@23-60-4X3030-#0-1g-7_ASM
Dimension	270x30x23.09
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.44175)	

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



MN	1.01.44268
PN	HK-YH XK-270@23-40-4X3030-#0-1g-7_ASM
Dimension	270x30x23
LED	3030, 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-YH XK-270@21-80-4X3030-#0-1g-7_ASM
Dimension	270x30x20.77
LED	3030, 3535
FWHM	80°(Equiluminous Design)
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.44175)	

FIREFLY SERIES

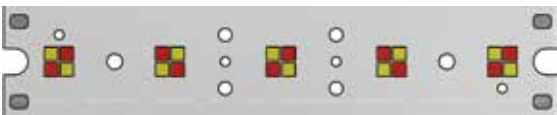
Light Source Arrangement



1 X 3030 \ 1 X 3535 \ 1 X 2835



2 X 3030 \ 2 X 3535 \ 2 X CSP



1 X 3535 \ 4 X 3030 \ 4 X 2835



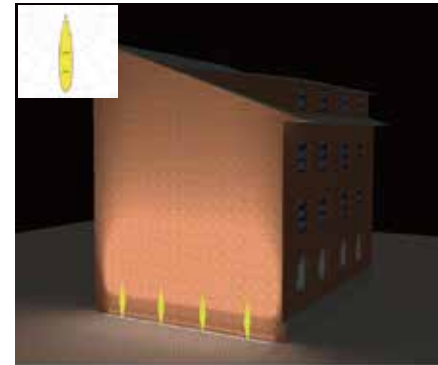
1 X 3838 \ 1 X 3535

This drawing is only as a dual-colour light source layout of the schematic, does not limit the use of light sources such as: 3030, 2835, etc., and does not limit the light source layout spacing.

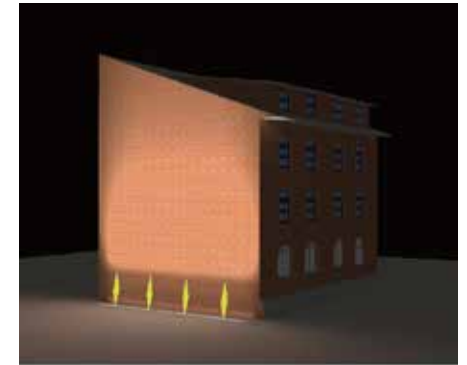
Recommended application

— Outdoor wall washing

0.3M from the wall, tit 0



0.8M from the wall, tit 5



— Office

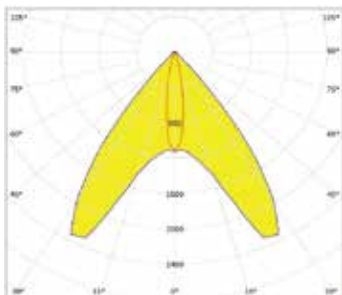
Spread the light gathering evenly on the tabletop



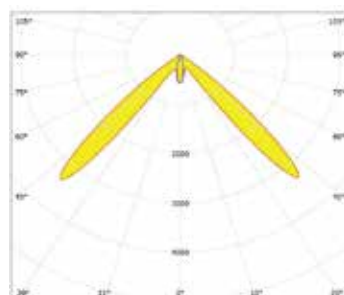
FIREFLY SERIES

Recommended application

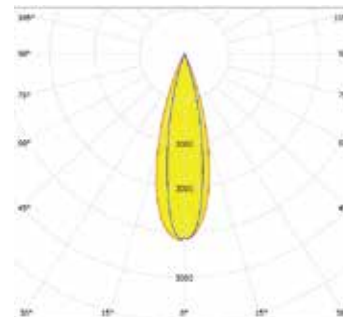
—— Supermarket Shelves
(with double asymmetric film)



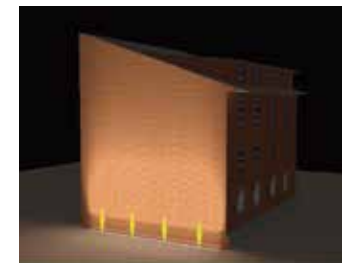
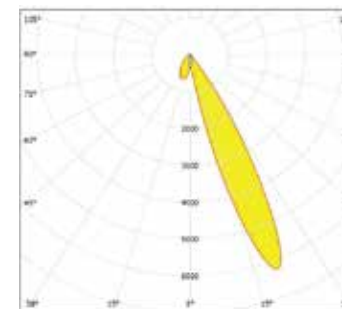
—— Indoor double asymmetric lighting
(with double asymmetric film)



—— Office lighting
20°+30° linear film



—— Outdoor wall washing lighting
(with single asymmetric)



SKYLINE SERIES

- ✓ Higher wall wash heights
- ✓ Greater uniformity
- ✓ High CBCP

Application: Cove lighting / Wall washing / Handrail lighting / Curtain lighting

Skyline-Starry-5 IN 1-WW

MN	1.02.44044
PN	HK-TJ-100@16-15X14-3030-01-1g-5
Dimension	100X20X16
LED	3030, 2835
FWHM	15°X 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	Φ24x16
LED	3030, 2835
FWHM	12°X 14°
LENS: PMMA	
washing	

Skyline-Starry-6 IN 1-WW

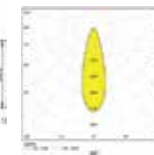
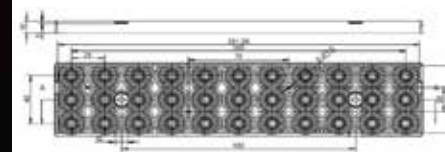
MN	1.02.44380
PN	HK-TJ-120@16-15X14-3030-01-1g-6
Dimension	120x20x16
LED	3030, 2835
FWHM	15°X 14°
LENS: PC	
washing	



LIGHTNING SERIES

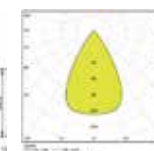
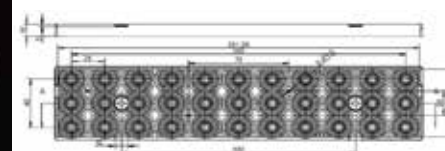
Adapted the calculus and Fresnel technology, have good effect although the shortheight assemble, and lower UGR importantly.

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



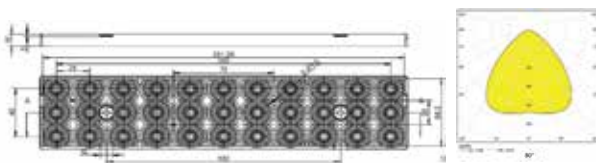
MN	1.01.6811
PN	HK-286@10-30-3030-22-1g-33
Dimension	286X61X10
LED	3030, 2835
FWHM	30°
LENS: PC	
Linear Light	

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



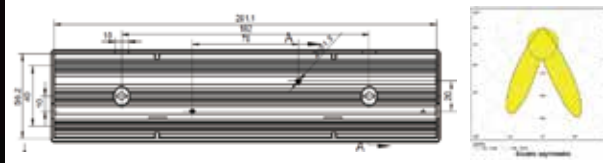
MN	1.01.6812
PN	HK-286@10-60-3030-22-1g-33
Dimension	286X61X10
LED	3030, 2835
FWHM	60°
LENS: PC	
Linear Light	

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



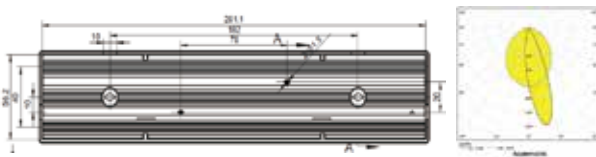
MN	1.01.6813
PN	HK-286@10-90-3030-22-1g-33
Dimension	286X61X10
LED	3030, 2835
FWHM	90° (Equiluminous Design)
LENS: PC	
Linear Light	

Lightning-Starry-3 IN 1-Double asymmetric (PC)



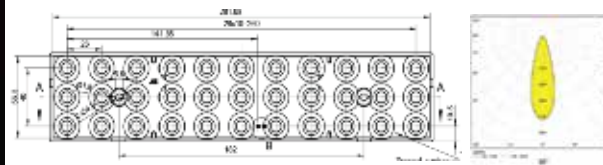
MN	1.01.6827
PN	HK-286@10-70X100-3030-20-1g-3
Dimension	286X61X10
LED	3030, 2835
FWHM	70°X100°
LENS: PC	
Linear Light	

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



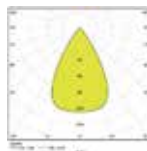
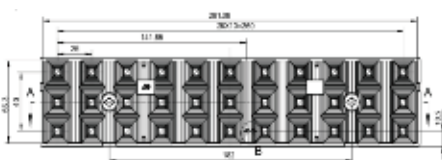
MN	1.01.6849
PN	HK-286@12-20X76-3030-20-1g-3
Dimension	286X61X11.5
LED	3030, 2835
FWHM	20°X76°
LENS: PC	
Linear Light	

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



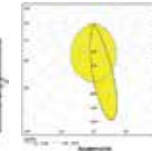
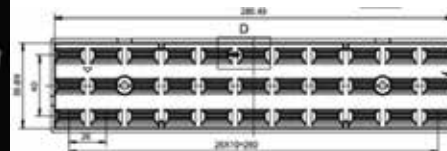
MN	1.01.71082
PN	HK-286@08-30-3030-22-1g-33
Dimension	286X61X8
LED	3030, 2835
FWHM	30°
LENS: PMMA	
Linear Light	

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



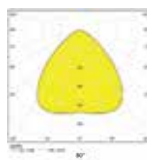
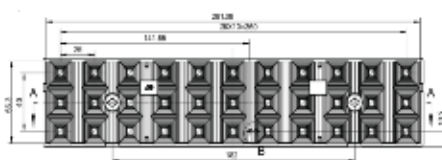
MN	1.01.71081
PN	HK-286@08-60-3030-22-1g-33
Dimension	286X61X8
LED	3030, 2835
FWHM	60°
LENS6747: PMMA	
Linear Light	

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



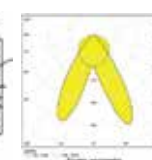
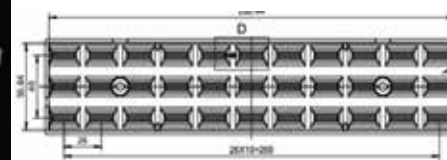
MN	1.01.81468
PN	HK-286@08-32X76-2835-22-1g-33
Dimension	286X61X8
LED	3030, 2835
FWHM	40°X80°
LENS: PMMA	
Linear Light	

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



MN	1.01.71077
PN	HK-286@08-90-3030-22-1g-33
Dimension	286X61X8
LED	3030, 2835
FWHM	90°(Equiluminous Design)
LENS: PMMA	
Linear Light	

Lightning-Starry-33 IN 1-Double asymmetric (PMMA)



MN	1.01.81469
PN	HK-286@08-85X80-2835-22-1g-33
Dimension	286X61X8
LED	3030, 2835
FWHM	90°X100°
LENS: PMMA	
Linear Light	