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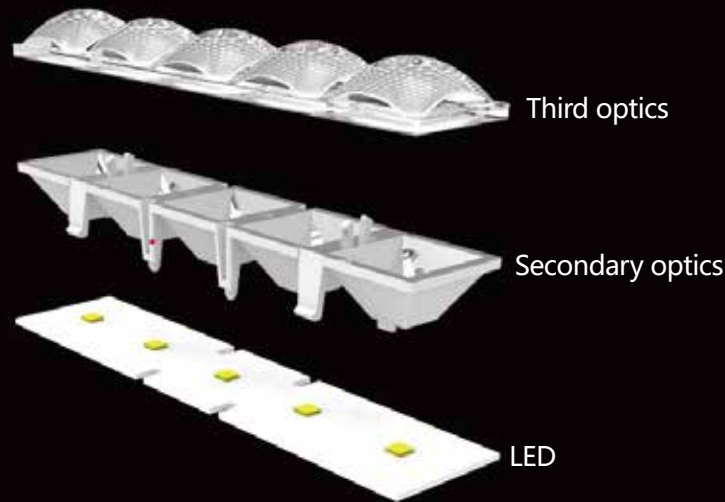
Email: [sales@herculux.com](mailto:sales@herculux.com)

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

# HERCULUX STARRY OPTICAL PLATFORM

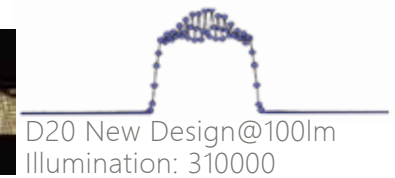
Chengdu HERCULUX Photoelectric Technology Co., Ltd. is a national "little giant" high-tech enterprise committed to providing optical system solutions for LED lighting, UV LED curing, laser projection Film, AOI machine vision detection and other applications

# FIREFLY SERIES



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

## 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

### 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.



### 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.

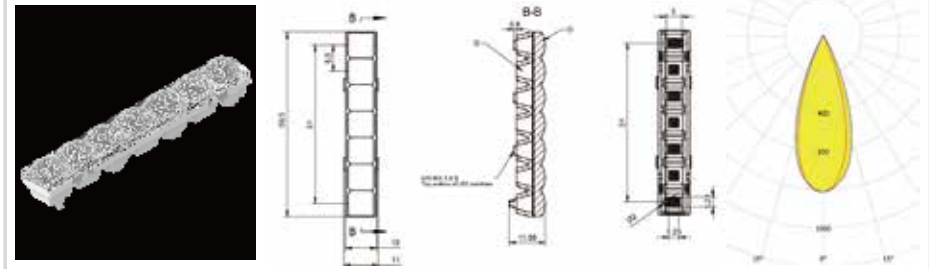
## Firefly-Starry-10



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

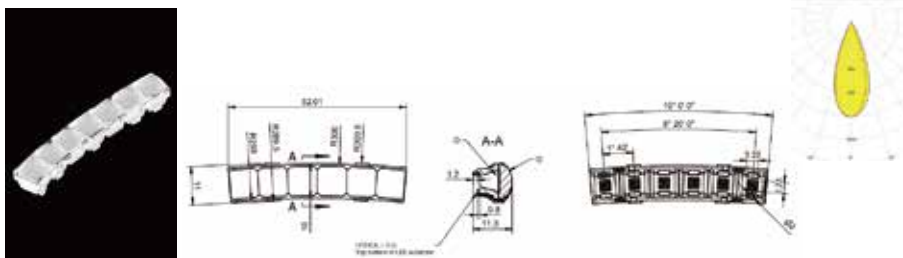
Application: Cabinet lighting, Commercial lighting, Smart home lighting, Museum lighting, Display lighting

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



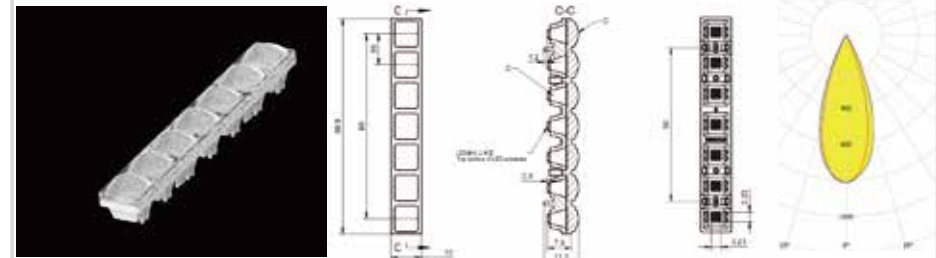
MN	1.01.43968
PN	HK-YHXK-59@12-45-3030-#0-1g-7_ASM
Dimension	59.3X11X11.59
LED	3030
FWHM	45°
LENS: PMMA	
Reflector: Vacuum Aluminum Plating PC	

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



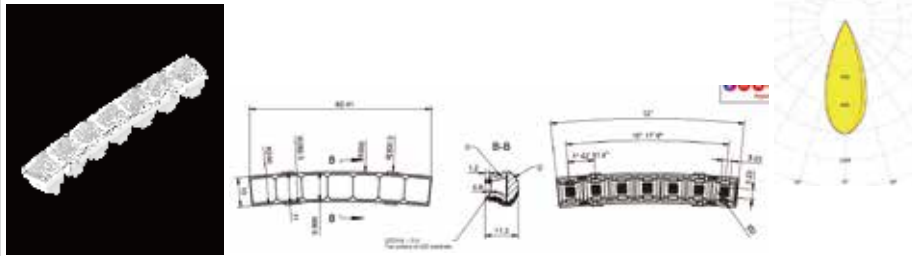
MN	1.01.44072
PN	HK-YHXK-52@12-45-3030-#0-1g-6_ASM
Dimension	59.3X11X11.59
LED	3030
FWHM	45°
LENS: PMMA	
Reflector: Vacuum Aluminum Plating PC	

### Firefly-Starry-10-7 IN 1-45°-B



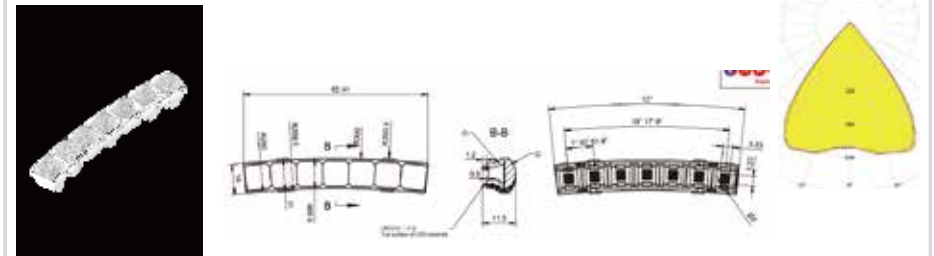
MN	1.01.54621
PN	HK-YHXK-70@12-45-3030-#0-1g-7_ASM
Dimension	70x10x12
LED	3030
FWHM	45°
LENS: PC	
Reflector: Vacuum Aluminum Plating PC	

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



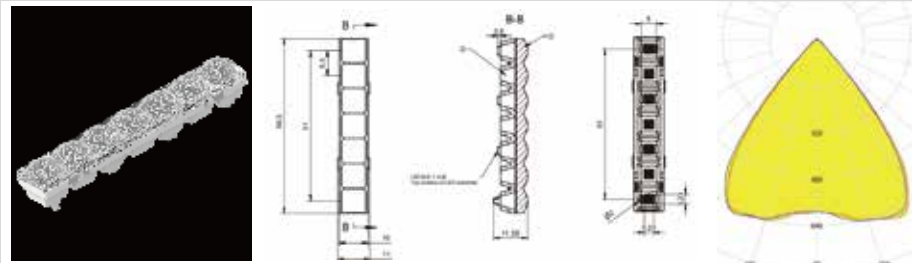
MN	1.01.44169
PN	HK-YHXK-63@12-45-3030-#0-1g-7_ASM
Dimension	118.8X11X11.59
LED	3030
FWHM	45°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



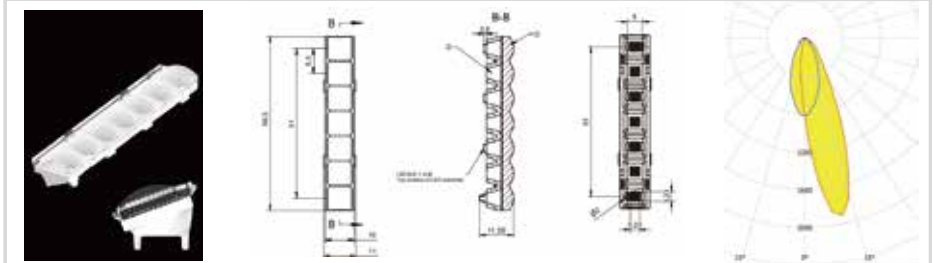
MN	1.01.44323
PN	HK-YHXK-62@12-80-3030-#0-1g-7_ASM
Dimension	118.8X11X11.59
LED	3030
FWHM	80°(Equiluminous Design)
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



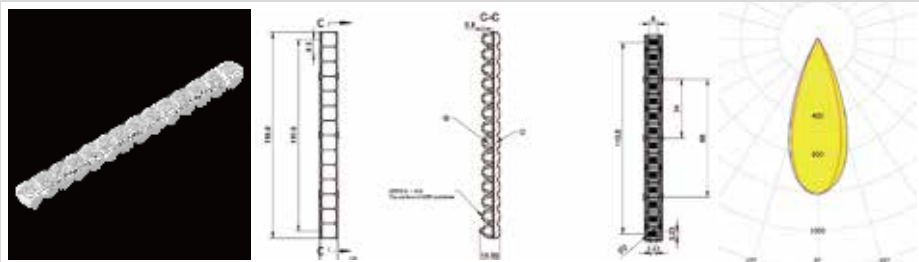
MN	1.01.44028
PN	HK-YHXK-59@12-80-3030-#0-1g-7_ASM
Dimension	59.3X11X11.59
LED	3030
FWHM	80°(Equiluminous Design)
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

### Firefly-Starry-10-7 IN 1-Washing



MN	1.01.44220
PN	HK-YHXK-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



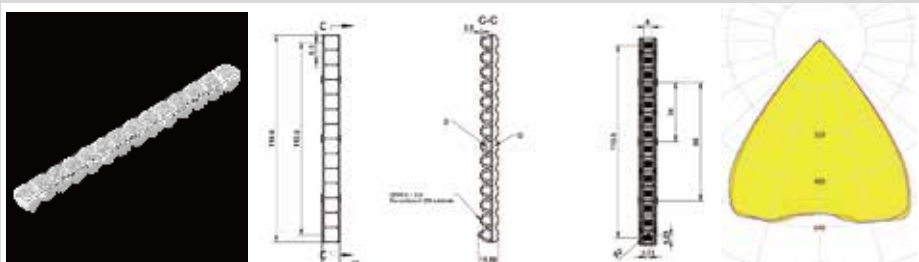
MN	1.01.44010
PN	HK-YHXK-119@12-45-3030-#0-1g-14_ASM
Dimension	118.8X11X11.59
LED	3030
FWHM	45°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



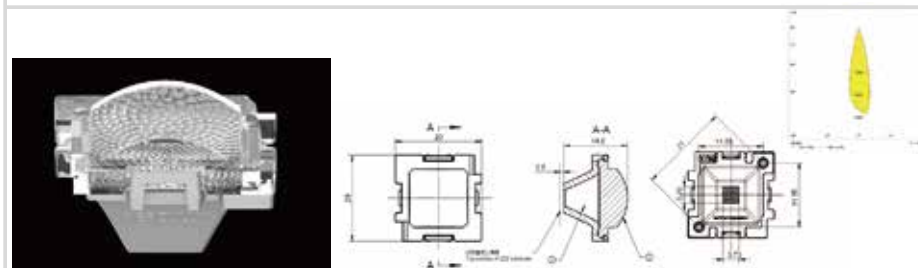
Application: Commercial lighting, Smart home lighting, Museum lighting, Office lighting

Firefly-Starry-10-14 IN 1-80



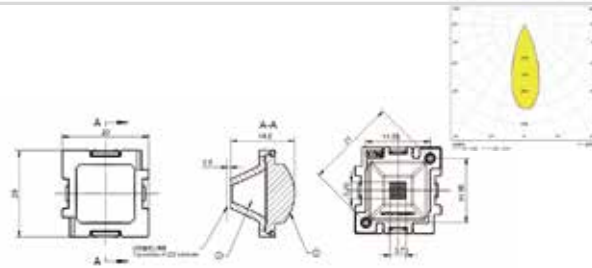
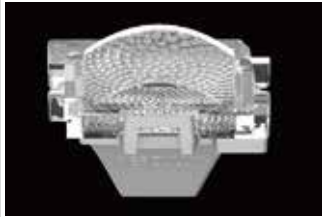
MN	1.01.44109
PN	HK-YHXK-119@12-80-3030-#0-1g-14_ASM
Dimension	118.8X11X11.59
LED	3030
FWHM	80°(Equiluminous Design)
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-15-1 IN 1-24



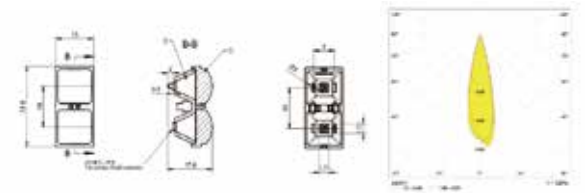
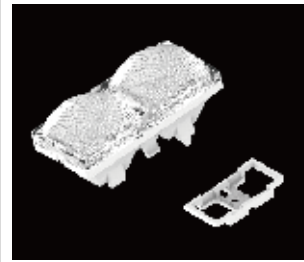
MN	1.01.43958
PN	HK-YHXK-20@15-24-3030-#0-1g-1_ASM
Dimension	20x20x14.8
LED	3030
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962)	

### Firefly-Starry-15-1 IN 1-40



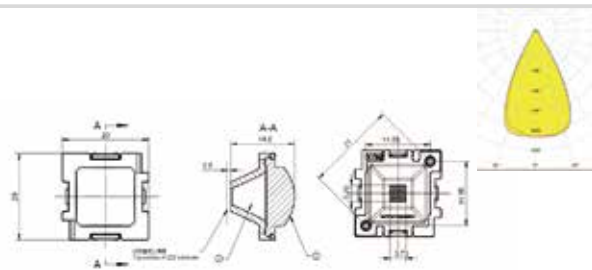
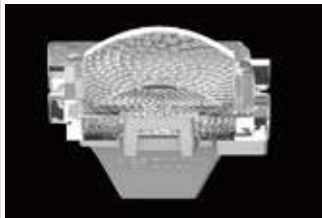
MN	1.01.43959
PN	HK-YHXK-20@15-40-3030-#0-1g-1_ASM
Dimension	20x20x14.8
LED	3030
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962)	

### Firefly-Starry-15-2 IN 1-24



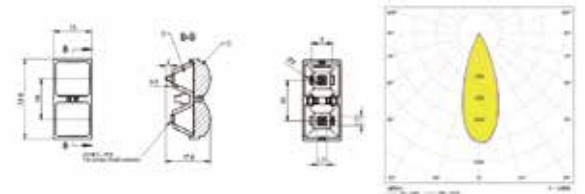
MN	1.01.33917
PN	HK-YHXK-32@17-24-3030-#0-1g-2_ASM-Y
Dimension	31.8x15x17.6
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.43941)	

### Firefly-Starry-15-1 IN 1-60



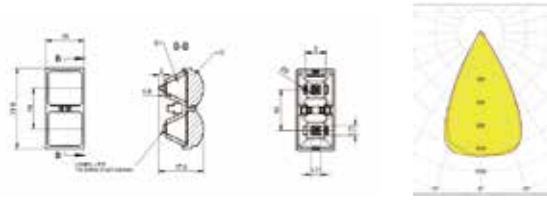
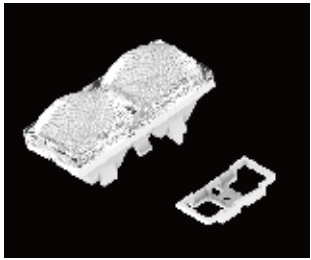
MN	1.01.43960
PN	HK-YHXK-20@15-60-3030-#0-1g-1_ASM
Dimension	20x20x14.8
LED	3030
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962)	

### Firefly-Starry-15-2 IN 1-40



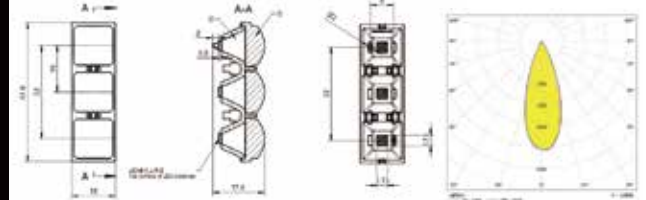
MN	1.01.33918
PN	HK-YHXK-32@17-40-3030-#0-1g-2_ASM
Dimension	31.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.43941)	

### Firefly-Starry-15-2 IN 1-60



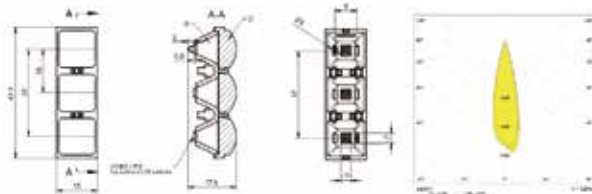
MN	1.01.33919
PN	HK-YH XK-32@17-60-3030-#0-1g-2_ASM
Dimension	31.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.43941)	

### Firefly-Starry-15-3 IN 1-40



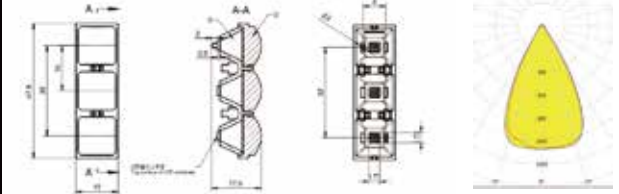
MN	1.01.33921
PN	HK-YH XK-48@17-40-3030-#0-1g-3_ASM
Dimension	47.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.43942)	

### Firefly-Starry-15-3 IN 1-24



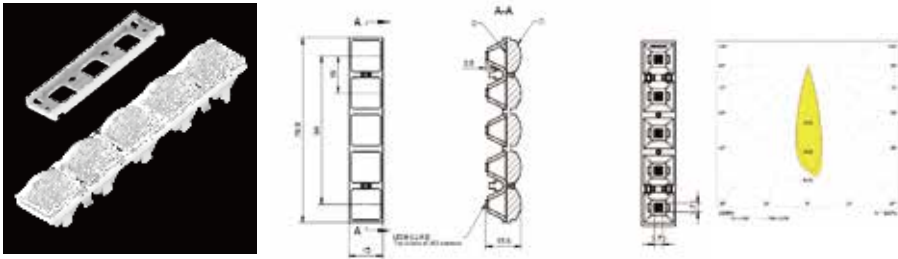
MN	1.01.33920
PN	HK-YH XK-48@17-24-3030-#0-1g-3_ASM-Y
Dimension	47.8x15x17.6
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.43942)	

### Firefly-Starry-15-3 IN 1-60



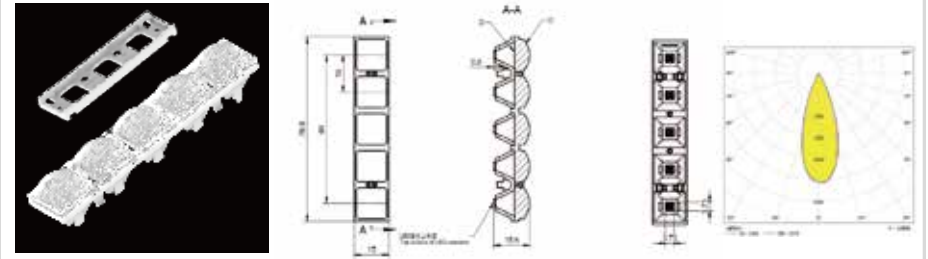
MN	1.01.33922
PN	HK-YH XK-48@17-60-3030-#0-1g-3_ASM
Dimension	47.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.43942)	

### Firefly-Starry-15-5 IN 1-24



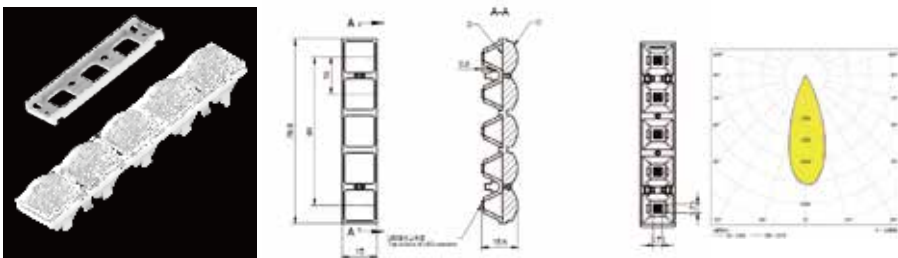
MN	1.01.33928
PN	HK-YHXK-80@17-24-3030-#0-1g-5_ASM-Y
Dimension	79.8x15x17.6
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder (1.07.43943)	

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



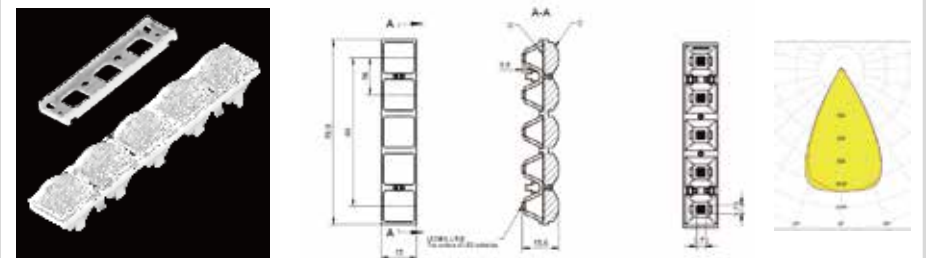
MN	1.01.33929_2K
PN	HK-YHXK-80@17-40-2X3030-#0-1g-5_ASM_2K
Dimension	79.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.43943) 5 IN 1 Holder-2 (1.07.44370)	

### Firefly-Starry-15-5 IN 1-40



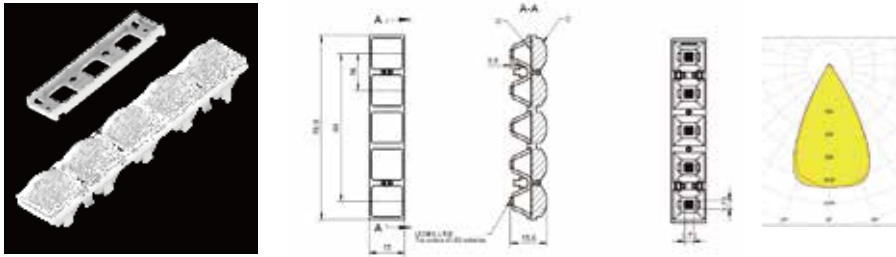
MN	1.01.33929
PN	HK-YHXK-80@17-40-3030-#0-1g-5_ASM
Dimension	79.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder (1.07.43943)	

### Firefly-Starry-15-5 IN 1-60



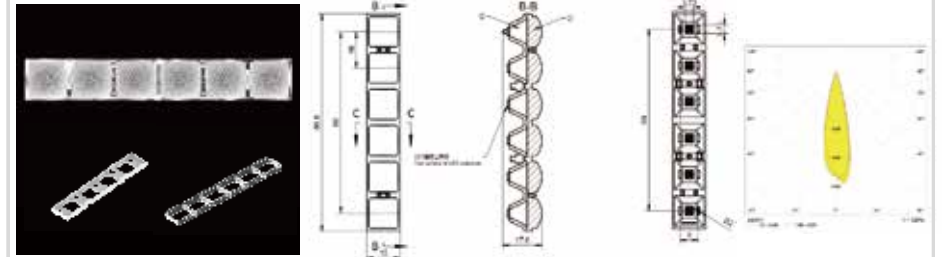
MN	1.01.33930
PN	HK-YHXK-80@17-60-3030-#0-1g-5_ASM
Dimension	79.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.43943) 5 IN 1 Holder-2 (1.07.44370)	

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



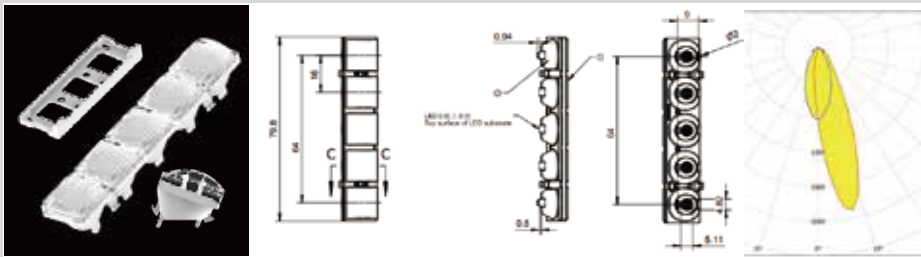
MN	1.01.33930_2K
PN	HK-YHXK-80@17-60-2X3030-#0-1g-5_ASM_2K
Dimension	79.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA	Reflector:Vaccum Aluminum Plating PC
5 IN 1 Holder (1.07.43943)	5 IN 1 Holder-2 (1.07.44370)

### Firefly-Starry-15-6 IN 1-24



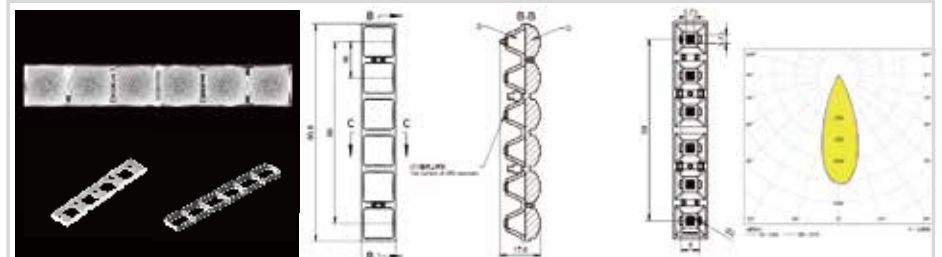
MN	1.01.33662
PN	HK-YHXK-96@17-24-3030-#0-1g-6_ASM
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	24°
LENS: PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder (1.07.33801)	6 IN 1 Louver (1.07.33803)

### Firefly-Starry-15-5 IN 1-Washing



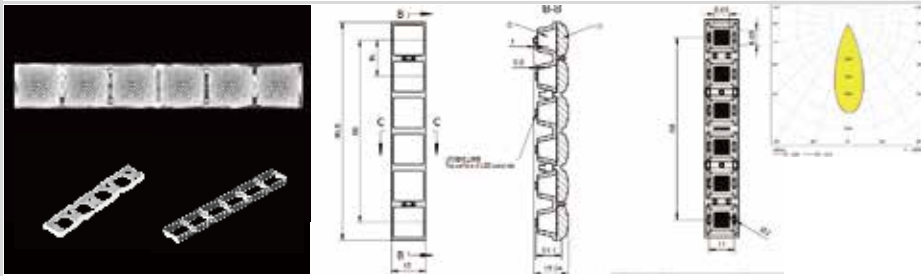
MN	1.01.44139
PN	HK-YHXK-80@13-XQ-3030-#0-1g-5_ASM
Dimension	79.8x15x13
LED	3030, 3535
FWHM	washing
LENS: PMMA	Reflector:Vaccum Aluminum Plating PC

### Firefly-Starry-15-6 IN 1-40



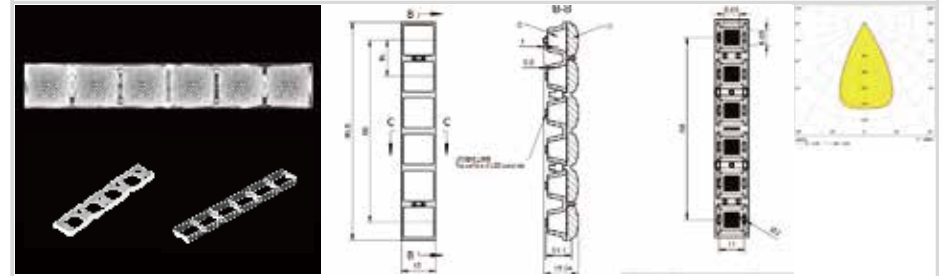
MN	1.01.33677
PN	HK-YHXK-96@17-40-3030-#0-1g-6_ASM
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder (1.07.33801)	6 IN 1 Louver (1.07.33803)

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



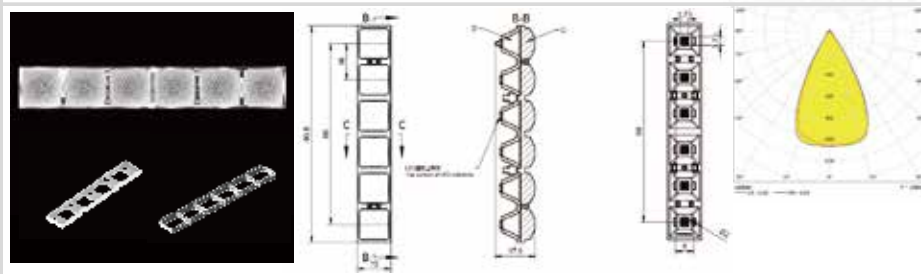
MN	1.01.33677_2K
PN	HK-YH XK-96@17-40-2X3030-#0-1g-6_ASM_2K
尺寸	95.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.33801)    6 IN 1 Holder-2 (1.07.44370)    6 IN 1 Louver (1.07.33803)	

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



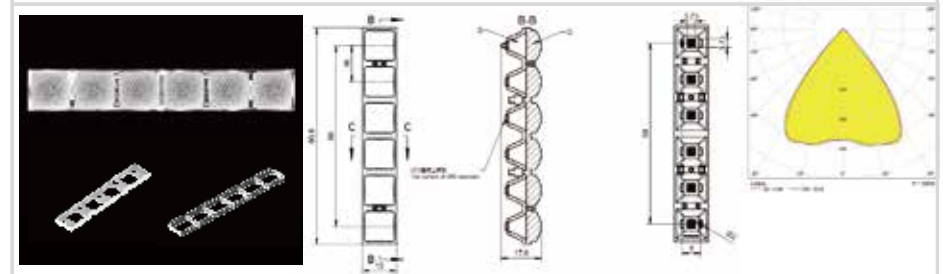
MN	1.01.33752_2K
PN	HK-YH XK-96@17-60-2X3030-#0-1g-6_ASM_2K
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.33801)    6 IN 1 Holder-2 (1.07.44370)    6 IN 1 Louver (1.07.33803)	

### Firefly-Starry-15-6 IN 1-60



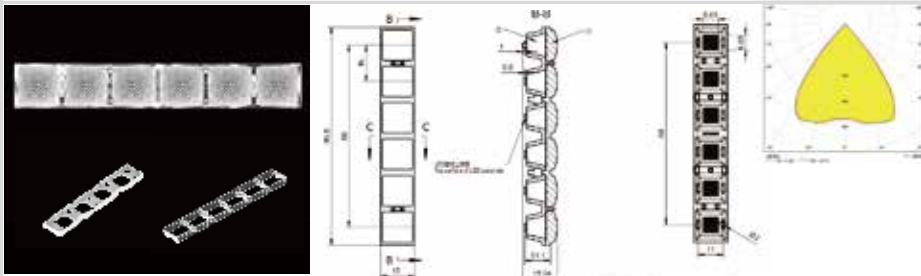
MN	1.01.33752
PN	HK-YH XK-96@17-60-3030-#0-1g-6_ASM
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
6 IN1 Holder (1.07.33801)      6 IN 1 Louver (1.07.33803)	

### Firefly-Starry-15-6 IN 1-80



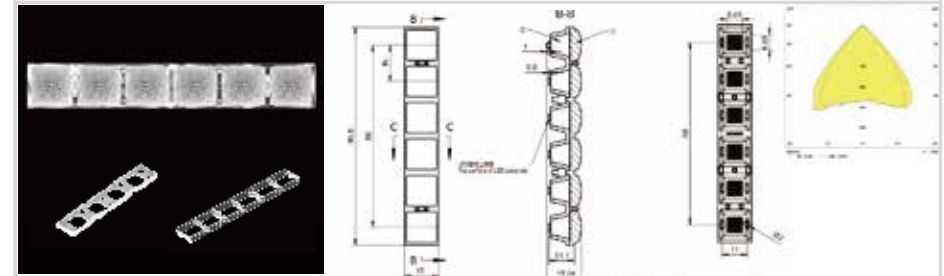
MN	1.01.44029
PN	HK-YH XK-96@16-80-3030-#0-1g-6_ASM
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	80°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder (1.07.33801)      6 IN 1 Louver (1.07.33803)	

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



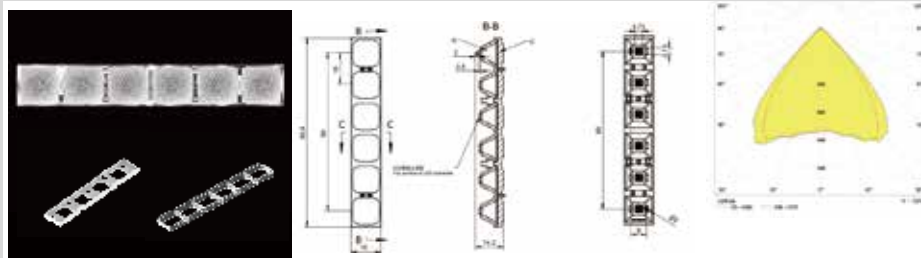
MN	1.01.44029_2K
PN	HK-YHXK-96@15-80-2X3030-#0-1g-6_ASM_2K
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	80°(Equiluminous Design)
LENS: PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.33801) 6 IN 1 Holder-2 (1.07.44370) 6 IN 1 Louver (1.07.33803)	

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



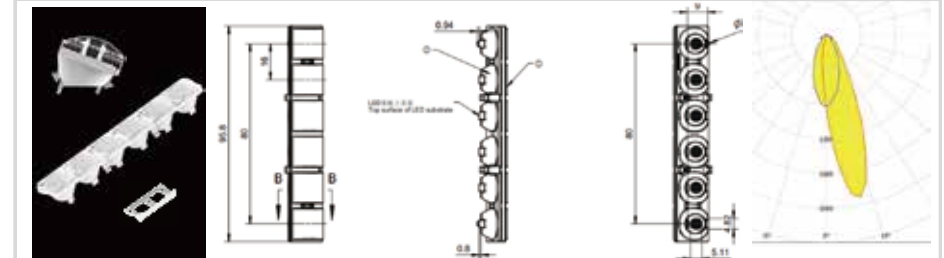
MN	1.01.44124_2K
PN	HK-YHXK-96@13-90-2X3030-#0-1g-6_ASM_2K
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	90° (Equiluminous Design)
LENS: PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder-1 (1.07.33801) 6 IN 1 Holder-2 (1.07.44370) 6 IN 1 Louver (1.07.33803)	

### Firefly-Starry-15-6 IN 1-90



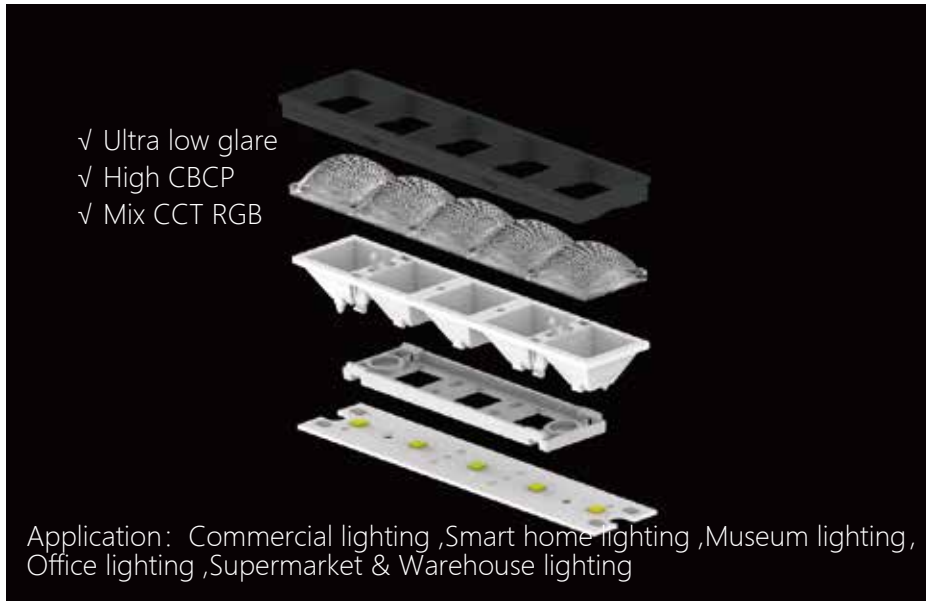
MN	1.01.44124
PN	HK-YHXK-96@14-90-3030-#0-1g-6_ASM
Dimension	95.8x15x17.6
LED	3030, 3535
FWHM	90°
LENS: PMMA	Reflector:Vaccum Aluminum Plating PC
6 IN 1 Holder (1.07.33801) 6 IN 1 Louver (1.07.33803)	

### Firefly-Starry-15-6 IN 1-Washing

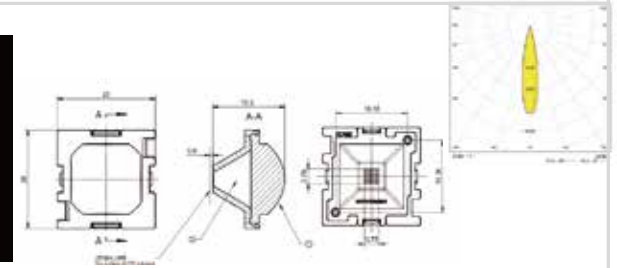
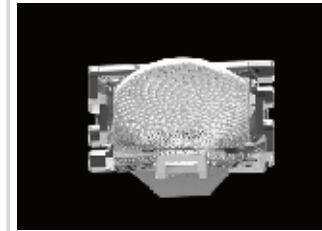


MN	1.01.44138
PN	HK-YHXK-96@13-XQ-3030-#0-1g-6_ASM
Dimension	95.8x15x12.92
LED	3030, 3535
FWHM	washing
LENS: PMMA	Reflector:Vaccum Aluminum Plating PC

## Firefly-Starry-19

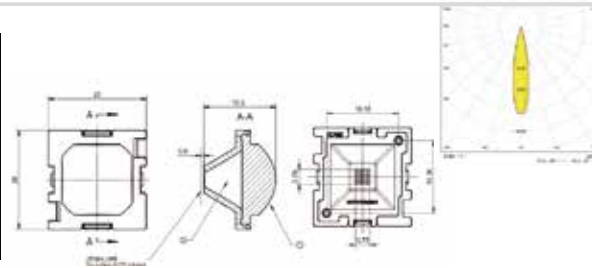
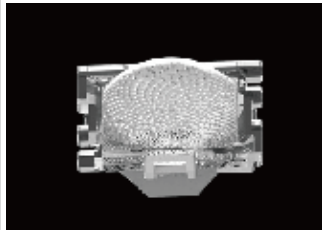


## Firefly-Starry-19-1 IN 1-24(R)



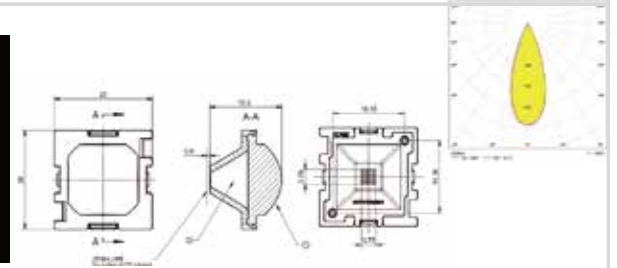
MN	1.01.33876
PN	HK-YHXK-25@19-24-3030-#0-1g-2_ASM-Y
Dimension	25x25x18.3
LED	3030
FWHM	20°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767)	

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



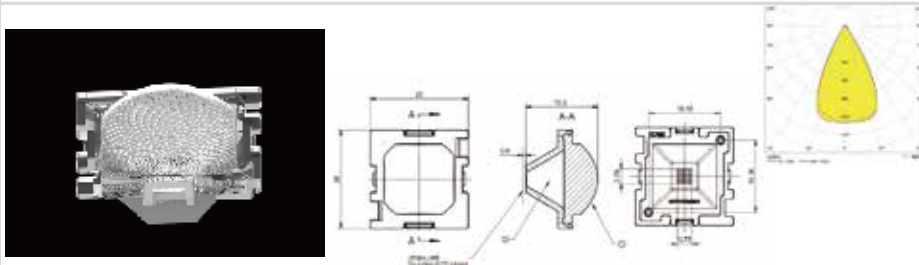
MN	1.01.33766
PN	HK-YHXK-25@19-20-3030-#0-1g-2_ASM-F
Dimension	25x25x18.3
LED	3030
FWHM	20°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767)	

## Firefly-Starry-19-1 IN 1-40



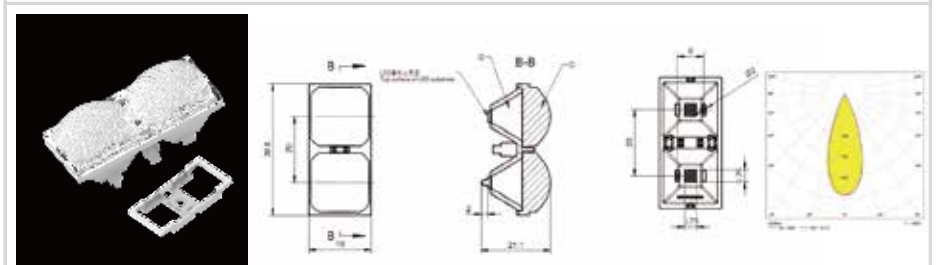
MN	1.01.33866
PN	HK-YHXK-25@19-40-3030-#0-1g-2_ASM-Y
Dimension	25x25x18.3
LED	3030
FWHM	40°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767)	

### Firefly-Starry-19-1 IN 1-60



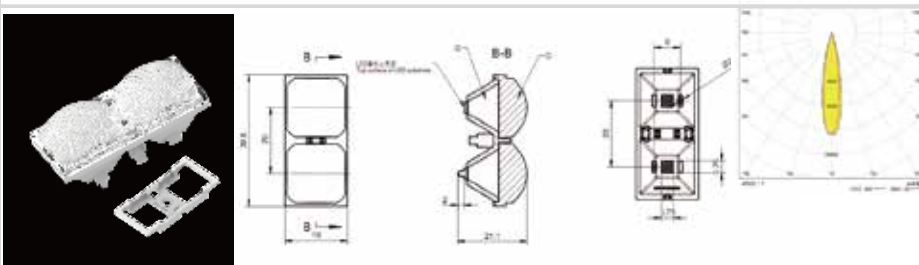
MN	1.01.33867
PN	HK-YHXK-25@19-60-3030-#0-1g-2_ASM-Y
Dimension	25x25x18.3
LED	3030
FWHM	60°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767)	

### Firefly-Starry-19-2 IN 1-40



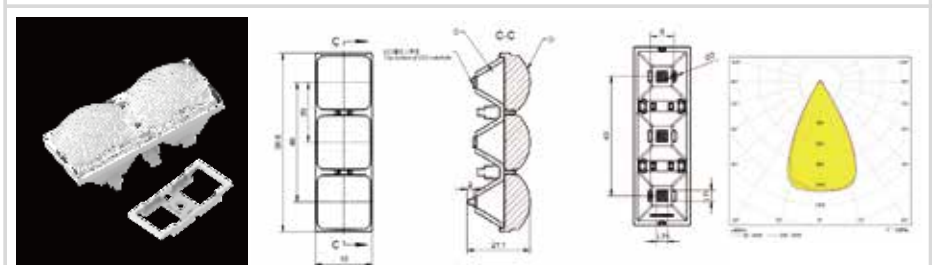
MN	1.01.33857
PN	HK-YHXK-40@21-40-3030-#0-1g-2_ASM
Dimension	39.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder-1 (1.07.43944)      2 IN 1 Holder-2 (1.07.54599)	

### Firefly-Starry-19-2 IN 1-20



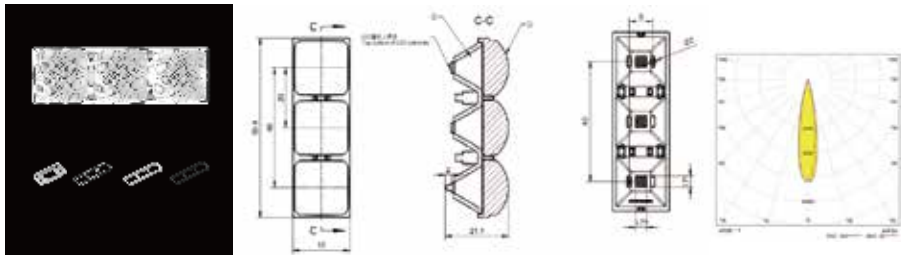
MN	1.01.33856
PN	HK-YHXK-40@21-20-3030-#0-1g-2_ASM-F
Dimension	39.8x19x21.1
LED	3030, 3535
FWHM	20°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder-1 (1.07.43944)      2 IN 1 Holder-2 (1.07.54599)	

### Firefly-Starry-19-2 IN 1-60



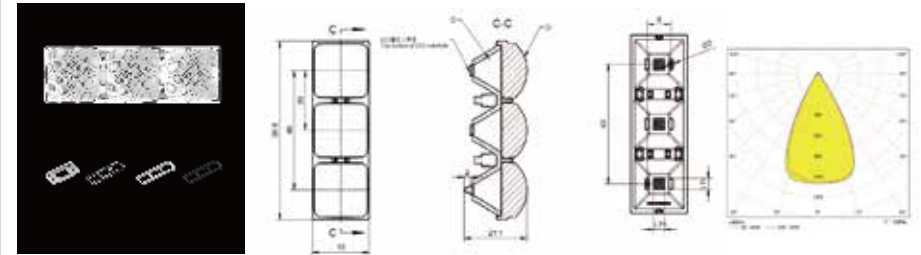
MN	1.01.33858
PN	HK-YHXK-40@21-60-3030-#0-1g-2_ASM
Dimension	39.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder-1 (1.07.43944)      2 IN 1 Holder-2 (1.07.54599)	

### Firefly-Starry-19-3 IN 1-20



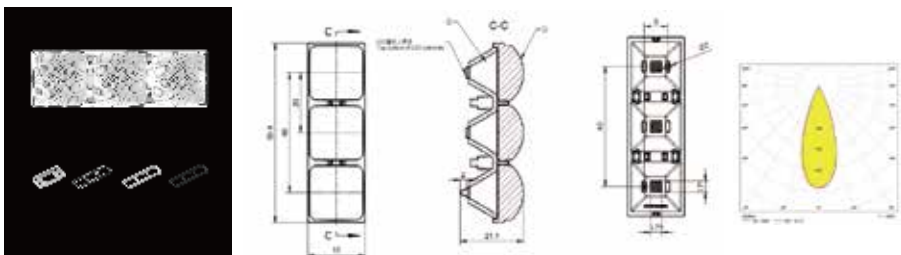
MN	1.01.33859
PN	HK-YHXK-60@21-20-3030-#0-1g-3_ASM-F
Dimension	59.8x19x21.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder-1 (1.07.43945) 3 IN 1 Holder-2 (1.07.54599) 3 IN 1 Louver (1.07.44046)	

### Firefly-Starry-19-3 IN 1-60



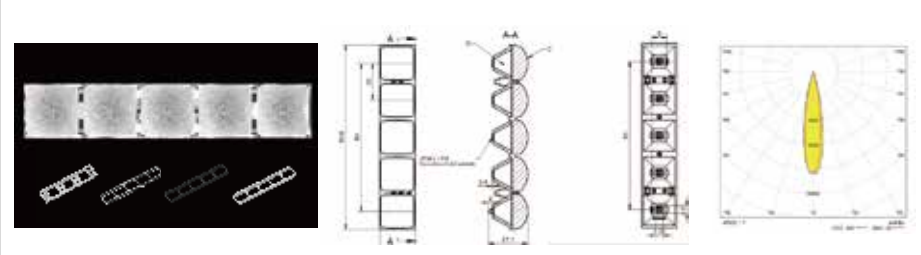
MN	1.01.33861
PN	HK-YHXK-60@21-60-3030-#0-1g-3_ASM
Dimension	59.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder-1 (1.07.43945) 3 IN 1 Holder-2 (1.07.54599) 3 IN 1 Louver (1.07.44046)	

### Firefly-Starry-19-3 IN 1-40



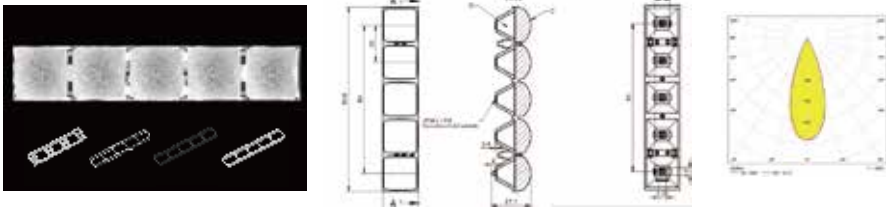
MN	1.01.33860
PN	HK-YHXK-60@21-40-3030-#0-1g-3_ASM
Dimension	59.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder-1 (1.07.43945) 3 IN 1 Holder-2 (1.07.54599) 3 IN 1 Louver (1.07.44046)	

### Firefly-Starry-19-5 IN 1-20



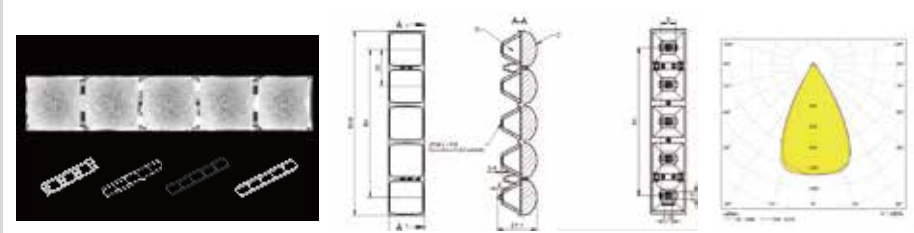
MN	1.02.33619
PN	HK-YHXK-100@20-20-3030-#0-1g-5_ASM
Dimension	99.8x19x21.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

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



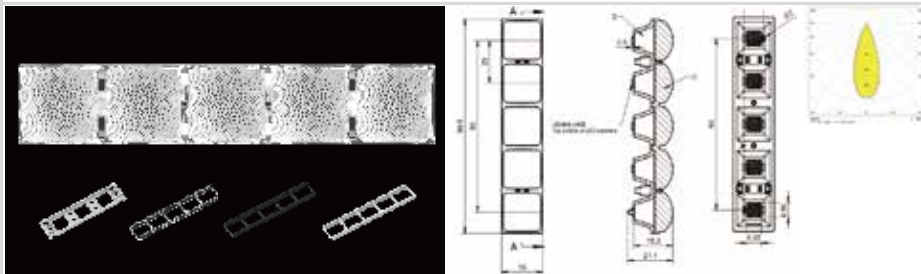
MN	1.02.33720
PN	HK-YHXK-100@18-40-3030-#0-1g-5_ASM
Dimension	99.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

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



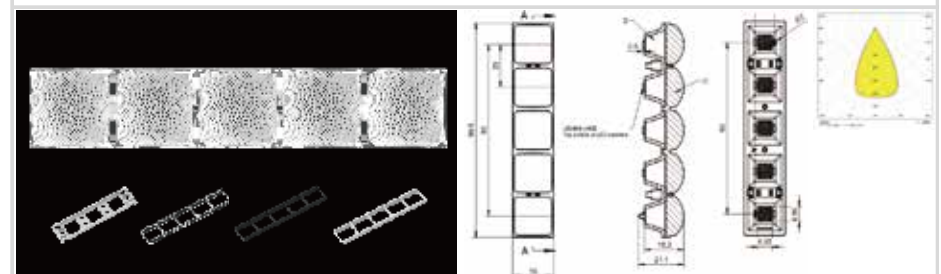
MN	1.02.33746
PN	HK-YHXK-100@20-60-3030-#0-1g-5_ASM
Dimension	99.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

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



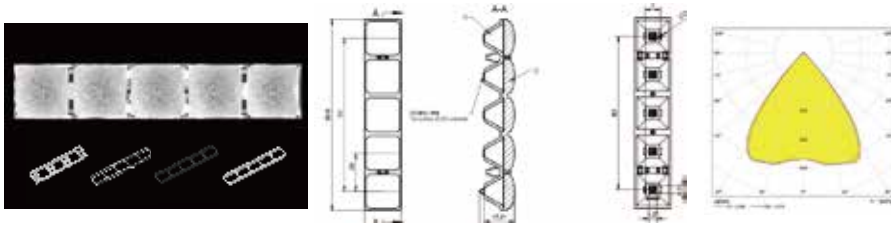
MN	1.02.33720_2K
PN	HK-YHXK-100@18-40-2X3030-#0-1g-5_ASM_2K
Dimension	99.8x19x21.1
LED	2x3030, 2x3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

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



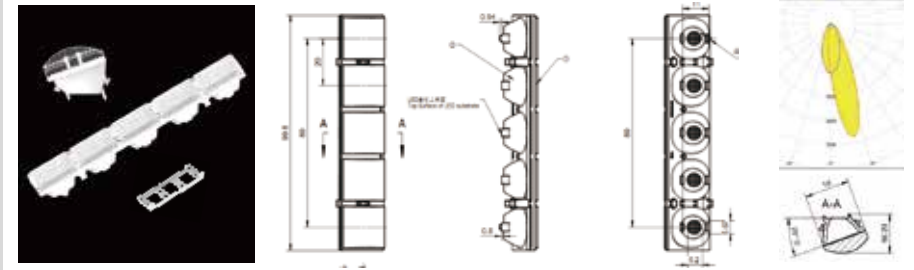
MN	1.02.33746_2K
PN	HK-YHXK-100@20-60-2X3030-#0-1g-5_ASM_2K
Dimension	99.8x19x21.1
LED	2x3030, 2x3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

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



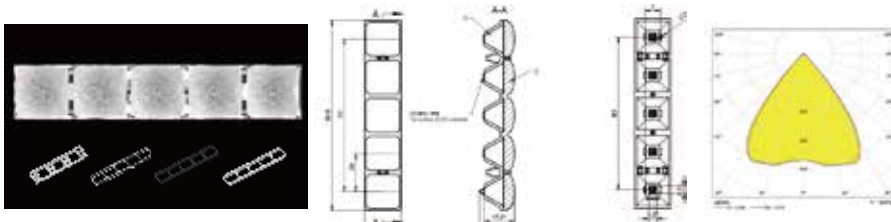
MN	1.01.33886
PN	HK-YHXK-100@18-80-3030-#0-1g-5_ASM
Dimension	99.8x19x18.31
LED	3030, 3535
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

### Firefly-Starry-19-5 IN 1-Washing



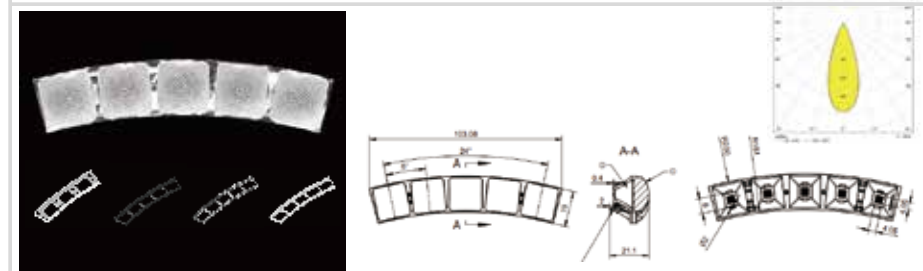
MN	1.01.44073
PN	HK-YHXK-100@17-XQ-3030-#0-1g-5_ASM-2
Dimension	99.8x19x16.29
LED	3030, 3535
FWHM	washing
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.44082)	

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



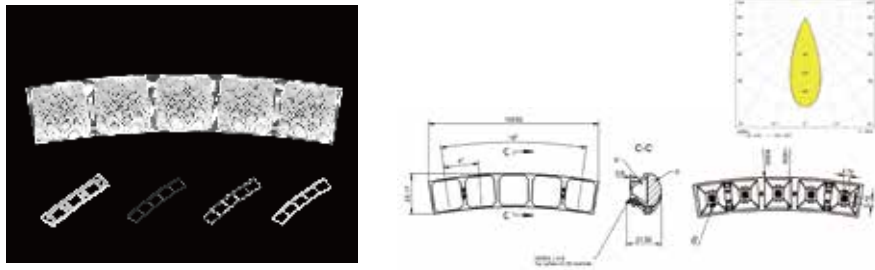
MN	1.01.33886_2K
PN	HK-YHXK-100@18-80-3030-#0-1g-5_ASM_2K
Dimension	99.8x19x18.31
LED	2x3030, 2x3535
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33760) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33852)	

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



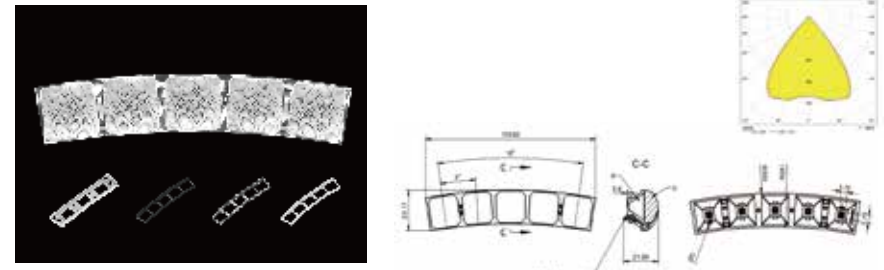
MN	1.01.44153
PN	HK-YHXK-103@21-40-3030-#0-1g-5_ASM
Dimension	103.08x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.44154) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.44155)	

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



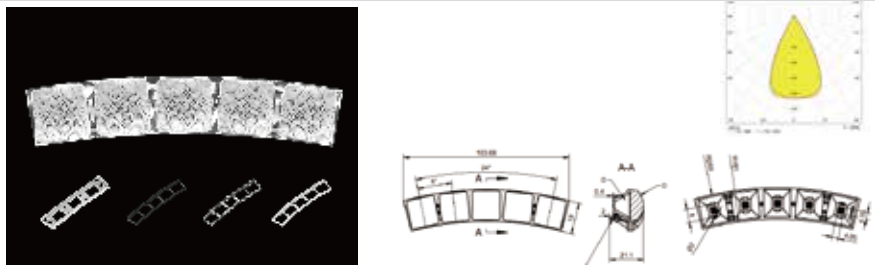
MN	1.01.33823
PN	HK-YHXK-104@21-40-3030-#0-1g-5_ASM
Dimension	103.82X23.17X21.09
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33824) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33902)	

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



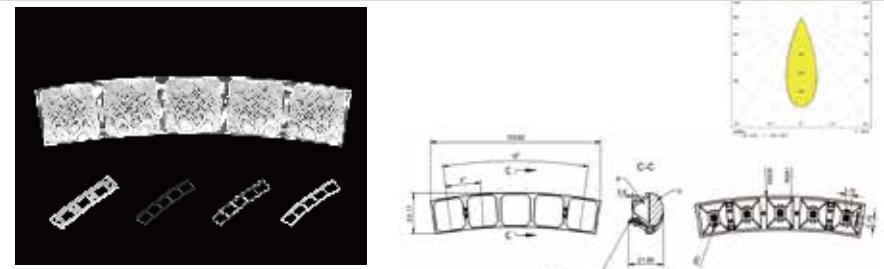
MN	1.01.44319
PN	HK-YHXK-104@18-80-3030-#0-1g-5_ASM
Dimension	103.82X23.17X21.09
LED	3030, 3535
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33824) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33902)	

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



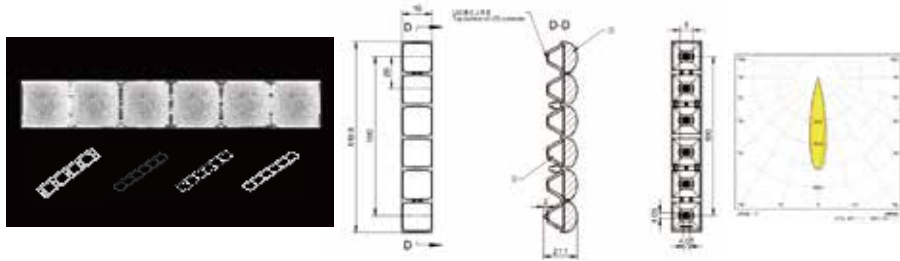
MN	1.01.44318
PN	HK-YHXK-104@21-60-3030-#0-1g-5_ASM
Dimension	103.08x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33824) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.33902)	

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



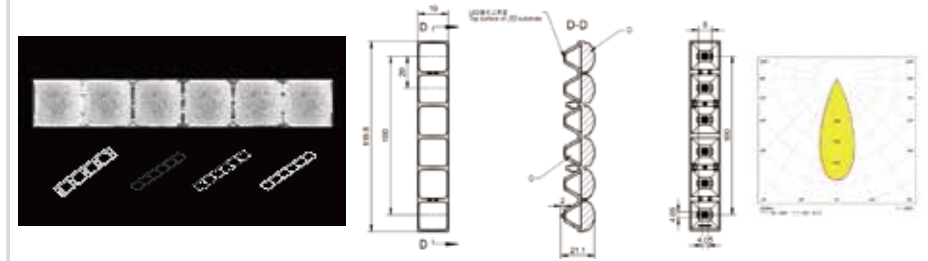
MN	1.01.44179
PN	HK-YHXK-104@21-40-3030-#0-1g-5_ASM
Dimension	104.09x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.44180) 5 IN 1 Holder-2 (1.07.54599) 5 IN 1 Louver (1.07.44181)	

### Firefly-Starry-19-6 IN 1-20



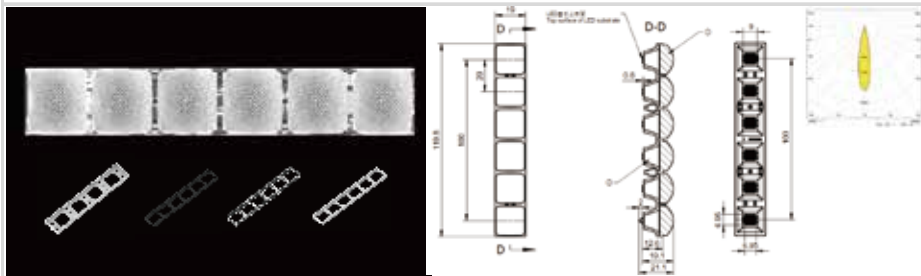
MN	1.01.43998
PN	HK-YH XK-120@21-20-3030-#0-1g-6_ASM-F
Dimension	119.8x19x21.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

### Firefly-Starry-19-6 IN 1-40



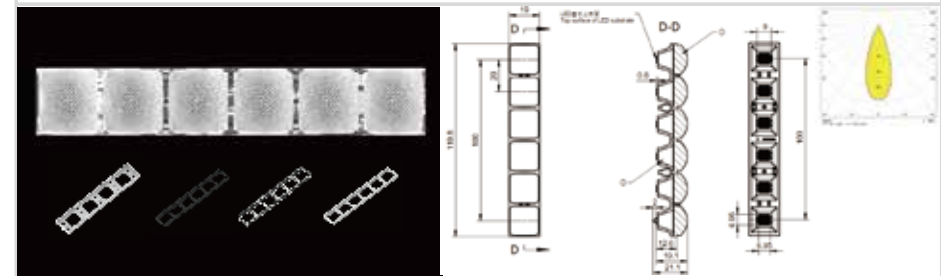
MN	1.01.43999
PN	HK-YH XK-120@21-40-3030-#0-1g-6_AS
Dimension	119.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

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



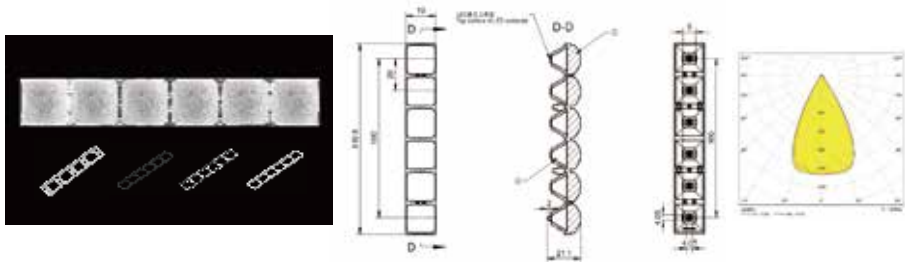
MN	1.01.43998_2K
PN	HK-YH XK-120@21-20-3030-#0-1g-6_ASM-F_2K
Dimension	119.8x19x21.1
LED	5050
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

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



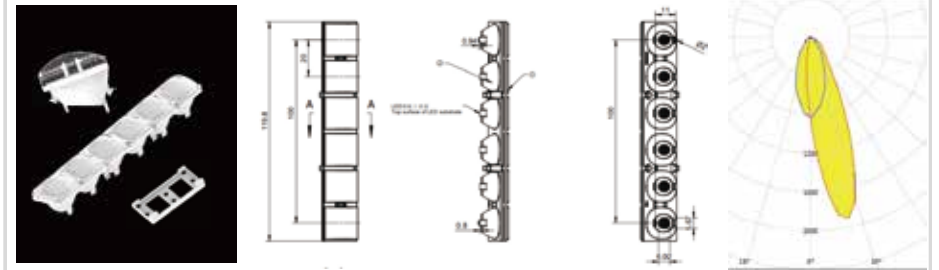
MN	1.01.43999_2K
PN	HK-YH XK-120@21-40-3030-#0-1g-6_AS_2K
Dimension	119.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

### Firefly-Starry-19-6 IN 1-60



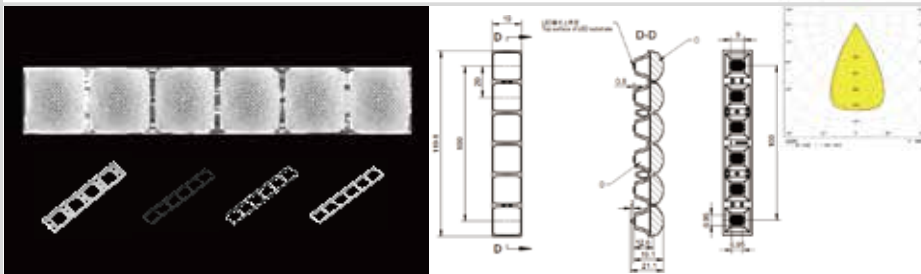
MN	1.01.44004
PN	HK-YH XK-120@21-60-3030-#0-1g-6_ASM
Dimension	119.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Holder-1 (1.07.44000) 6 IN 1 Holder-2 (1.07.54599) 6 IN 1 Louver (1.07.44001)	

### Firefly-Starry-19-6 IN 1-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:Vaccum 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: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)	

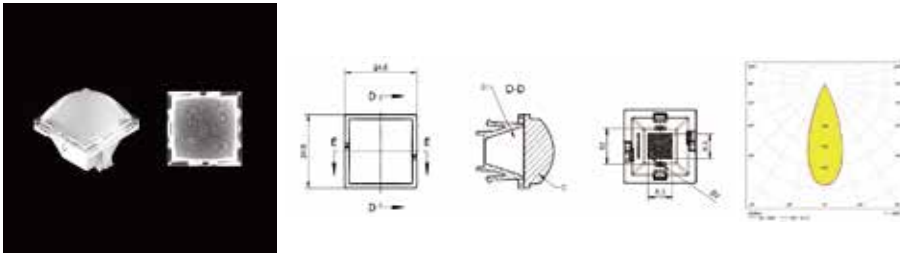
### Firefly-Starry-25

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



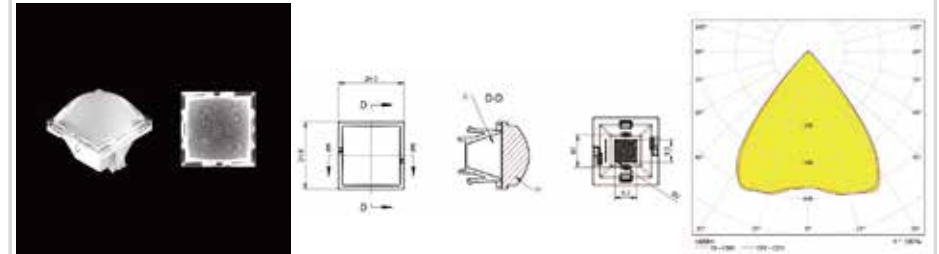
Application: Commercial lighting ,Smart home lighting ,Museum lighting ,Office lighting ,Supermarket & Warehouse lighting

### Firefly-Starry-25-1 IN 1-40



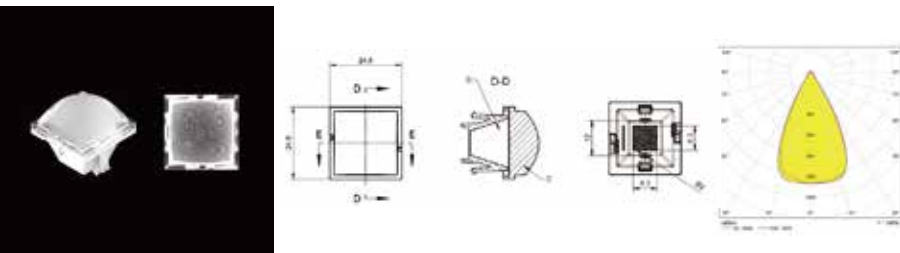
MN	1.01.44026
PN	HK-YHXK-25@27-40-4X3030-#0-1g-1_ASM
Dimension	24.8x24.8x26.5
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.54443)	

### Firefly-Starry-25-1 IN 1-80



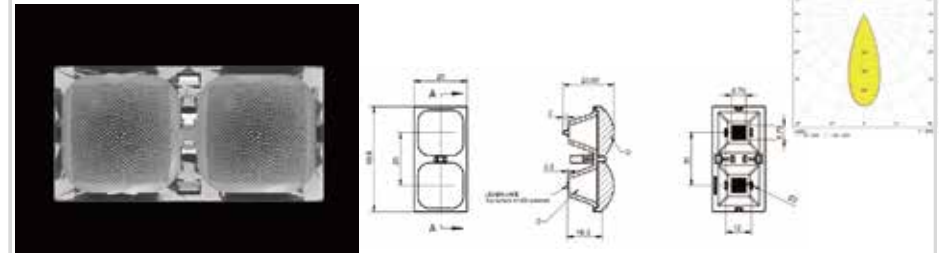
MN	1. 01.54440
PN	HK-YHXK-25@21-80-4X3030-#0-1g-1_ASM
Dimension	25x25x23
LED	3030, 3535
FWHM	80°(Equiluminous Design)
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.54443)	

### Firefly-Starry-25-1 IN 1-60



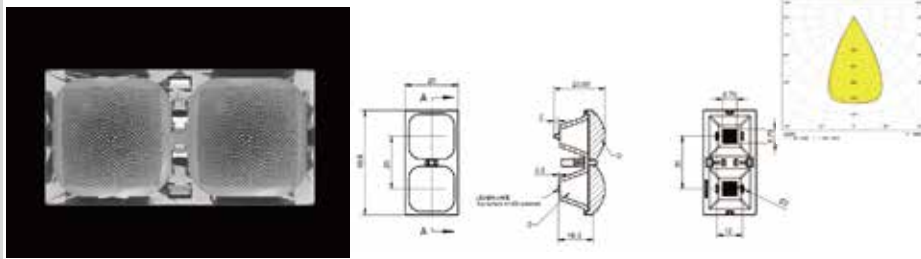
MN	1.01.54442
PN	HK-YHXK-25@23-60-4X3030-#0-1g-1 ASM
Dimension	25x25x23
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.54443)	

### Firefly-Starry-25-2 IN 1-40



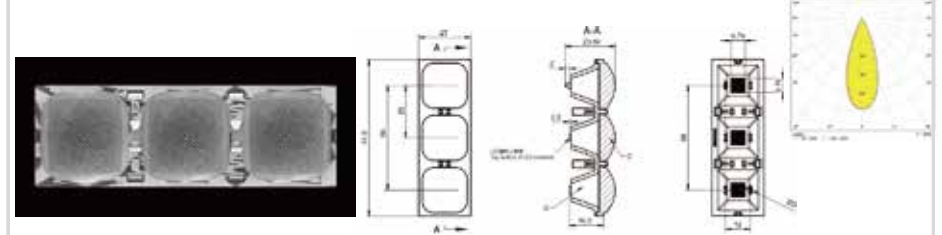
MN	1.01.44395
PN	HK-YHXK-50@24-40-4X3030-#0-1-2_ASM
Dimension	25x49.8x24.1
LED	3030
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

### Firefly-Starry-25-2 IN 1-60



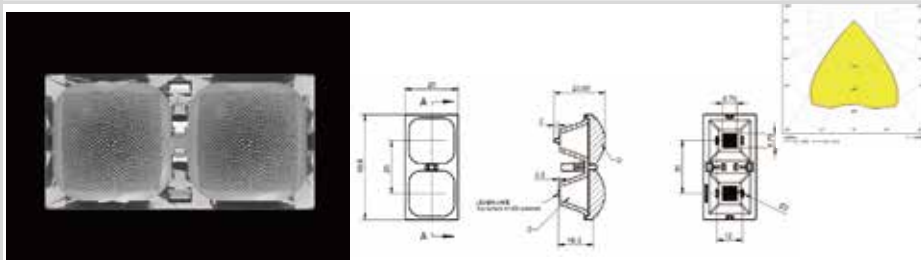
MN	1.01.44394
PN	HK-YH XK-50@24-60-4X3030-#0-1-2_ASM
Dimension	25x49.8x24.1
LED	3030
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

### Firefly-Starry-25-3 IN 1-40



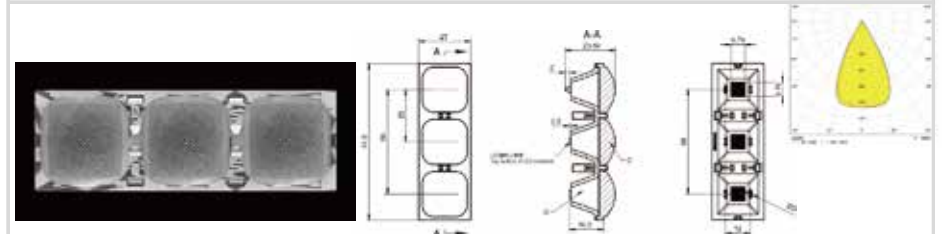
MN	1.01.44392
PN	HK-YH XK-75@24-40-4X3030-#0-1-3_ASM
Dimension	25x74.8x23.9
LED	3030
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

### Firefly-Starry-25-2 IN 1-80



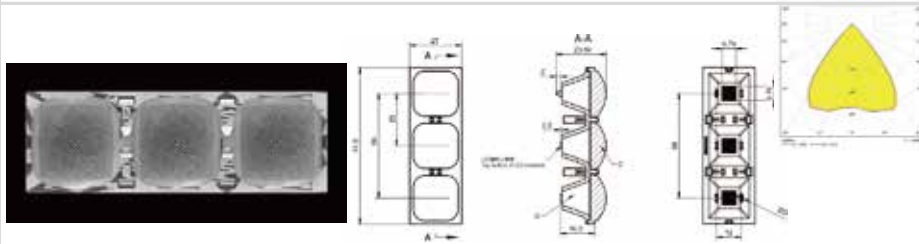
MN	1.01.44396
PN	HK-YH XK-50@22-80-4X3030-#0-1-2_ASM
Dimension	25x49.8x21.8
LED	3030
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

### Firefly-Starry-25-3 IN 1-60



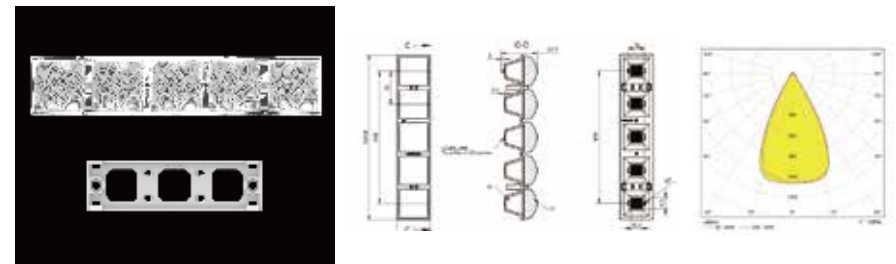
MN	1.01.44391
PN	HK-YH XK-75@24-60-4X3030-#0-1g-3_ASM
Dimension	25x74.8x23.9
LED	3030
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.44397)	

### Firefly-Starry-25-3 IN 1-80



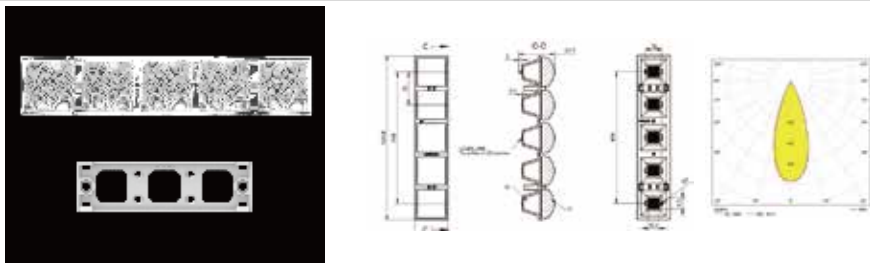
MN	1.01.44393
PN	HK-YH XK-75@22-80-4X3030-#0-1-3_ASM
Dimension	25x74.8x21.8
LED	3030
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.44397)	

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



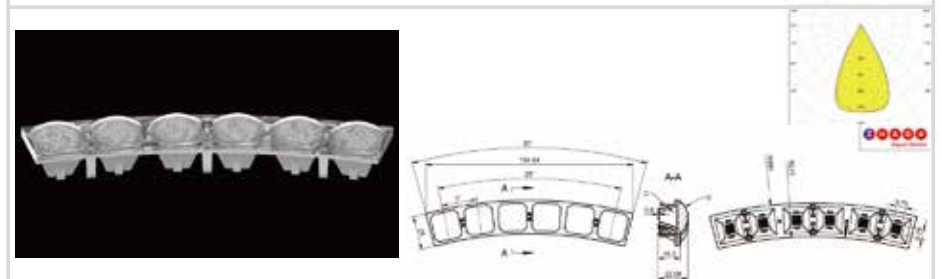
MN	1.01.33832
PN	HK-YH XK-125@27-60-4X3030-#0-1g-5_ASM
Dimension	124.8x25x26.5
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Holder-1 (1.07.33833) 5 IN 1 Holder-2 (1.07.44397)	

### 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)	

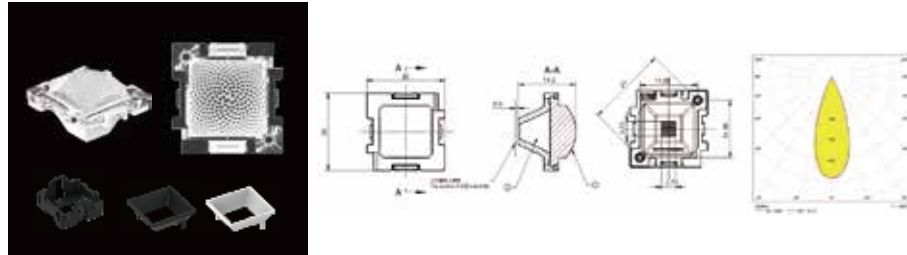
## Firefly-Starry-25G

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



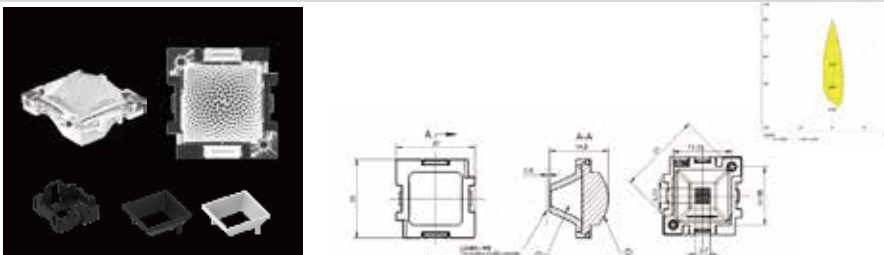
Application: Commercial lighting ,Smart home lighting ,Museum lighting ,Office lighting ,Supermarket & Warehouse lighting

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



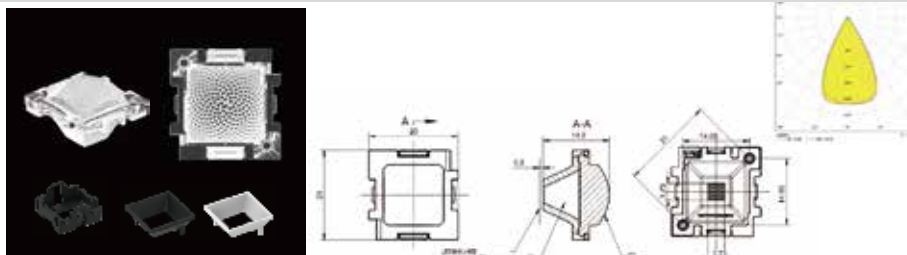
MN	1.01.43959
PN	HK-YHXK-20@15-40-3030-#0-1g-1_ASM
Dimension	20x20x14.8
LED	3030, 3535
FWHM	40°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962)	1 IN 1 Louver (1.07.43961)

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



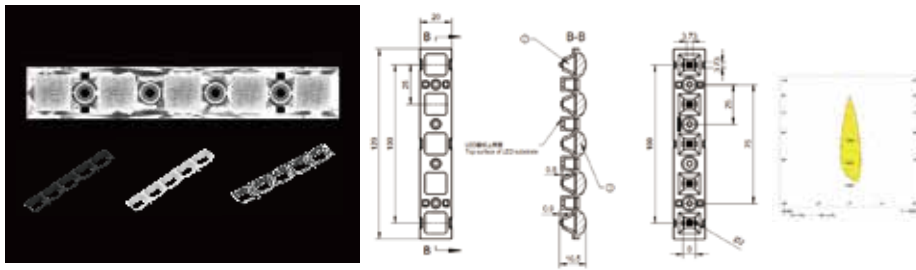
MN	1.01.43958
PN	HK-YHXK-20@15-24-3030-#0-1g-1_ASM-Y
Dimension	20x20x14.8
LED	3030, 3535
FWHM	24°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962)	1 IN 1 Louver (1.07.43961)

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



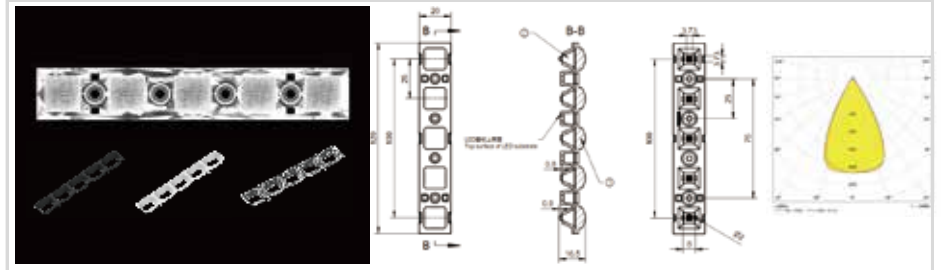
MN	1.01.43960
PN	HK-YHXK-20@15-60-3030-#0-1g-1_ASM
Dimension	20x20x14.8
LED	3030, 3535
FWHM	60°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962)	1 IN 1 Louver (1.07.43961)

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



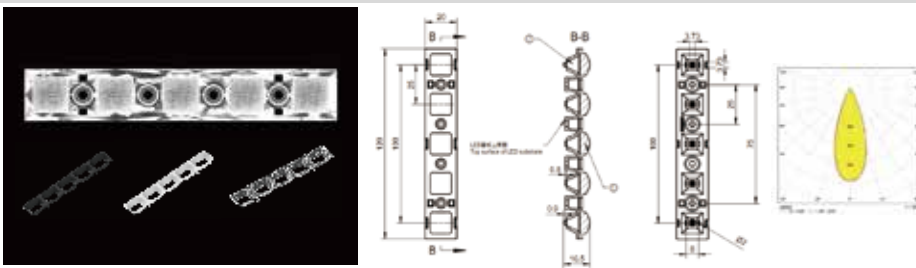
MN	1.01.44039
PN	HK-YHXK-120@17-24-3030-#0-1g-5_ASM-Y
Dimension	120x20x16.5
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Louver (1.07.44085)	

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



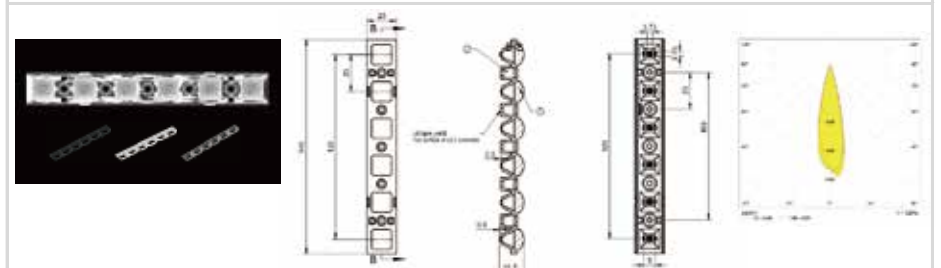
MN	1.01.44365
PN	HK-YHXK-120@17-60-3030-#0-1g-5_ASM
Dimension	L120x20x16.5
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Louver (1.07.44085)	

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



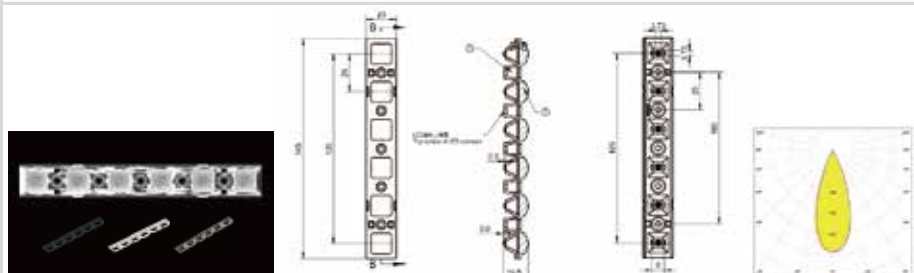
MN	1.01.44040
PN	HK-YHXK-120@17-40-3030-#0-1g-5_ASM
Dimension	120x20x16.5
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Louver (1.07.44085)	

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



MN	1.01.44245
PN	HK-YHXK-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



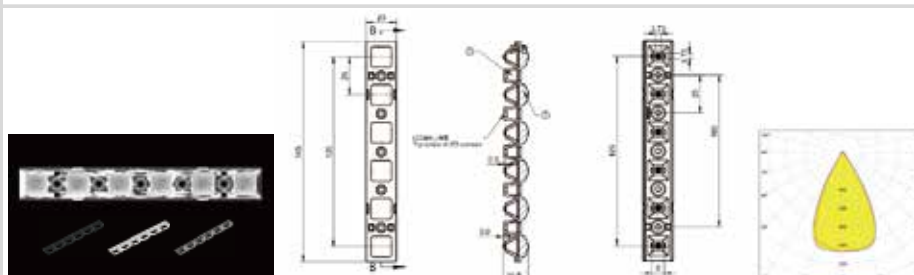
MN	1.01.44246
PN	HK-YHXK-145@17-40-3030-#0-1g-6_ASM
Dimension	145x20x16.5
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.07.44248)	

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



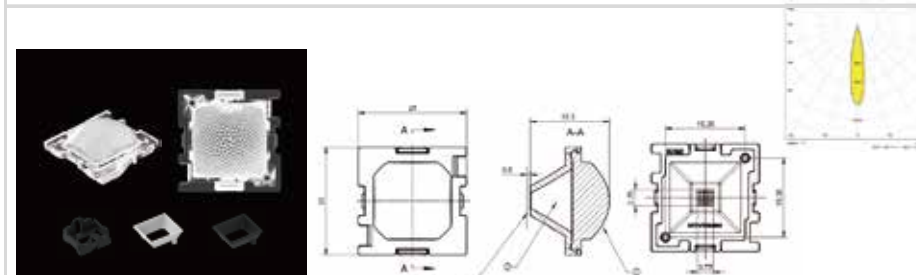
Application: Commercial lighting ,Smart home lighting ,Museum lighting ,Office lighting ,Supermarket & Warehouse lighting

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



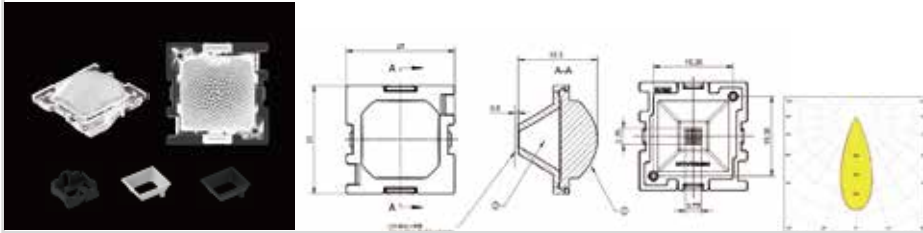
MN	1.01.44366
PN	HK-YHXK-145@17-60-3030-#0-1g-6_ASM
Dimension	145x20x16.5
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.07.44248)	

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



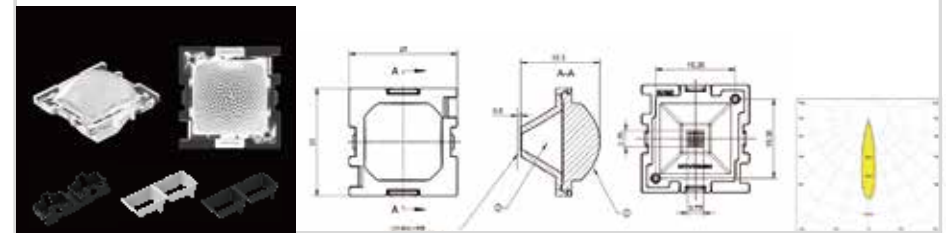
MN	1.01.33766
PN	HK-YHXK-25@19-20-3030-#0-1g-1_ASM-F
Dimension	25x25x18.3
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767) 1 IN 1 Louver (1.07.33777)	

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



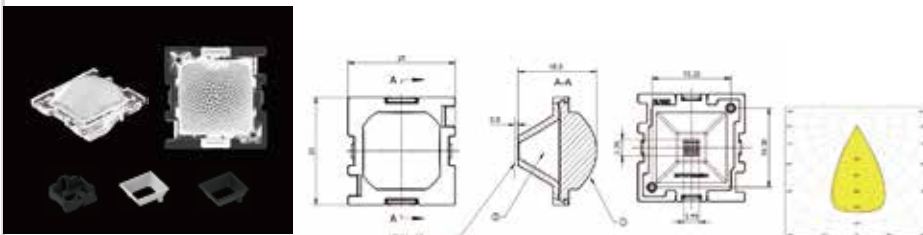
MN	1.01.33866
PN	HK-YHXK-25@19-40-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	40°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767)      1 IN 1 Louver (1.07.33777)	

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



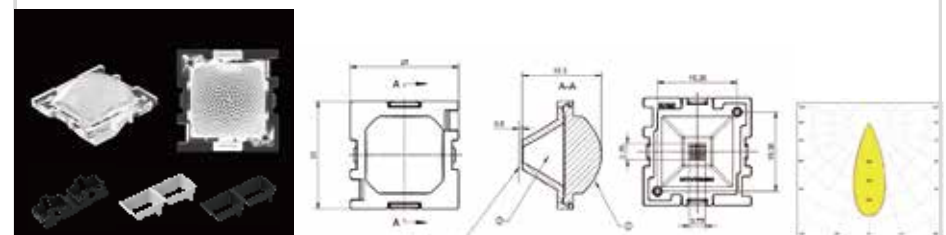
MN	1.01.33766
PN	HK-YHXK-25@19-20-3030-#0-1g-1_ASM-F
Dimension	25x25x18.3
LED	3030, 3535
FWHM	20°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.33788)      2 IN 1 Louver (1.07.33787)	

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



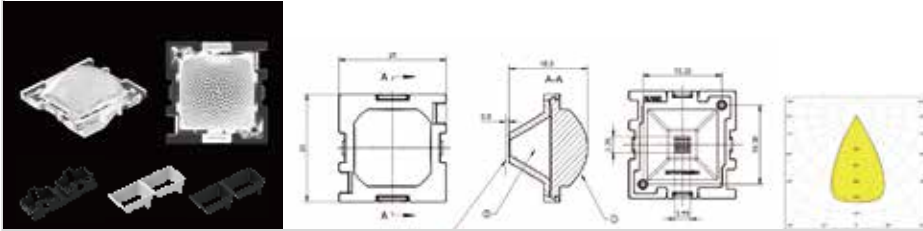
MN	1.01.33867
PN	HK-YHXK-25@19-60-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	60°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767)      1 IN 1 Louver (1.07.33777)	

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



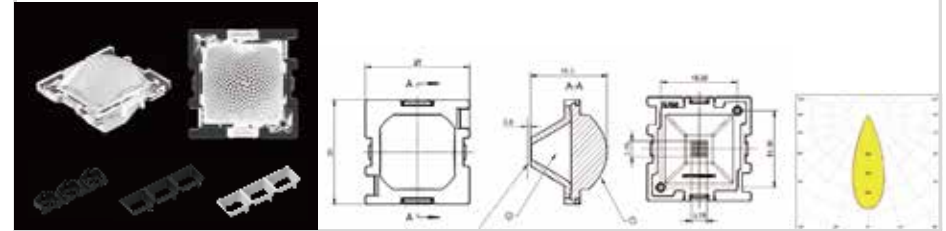
MN	1.01.33866
PN	HK-YHXK-25@19-40-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	40°
LENS: PMMA      Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.33788)      2 IN 1 Louver (1.07.33787)	

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



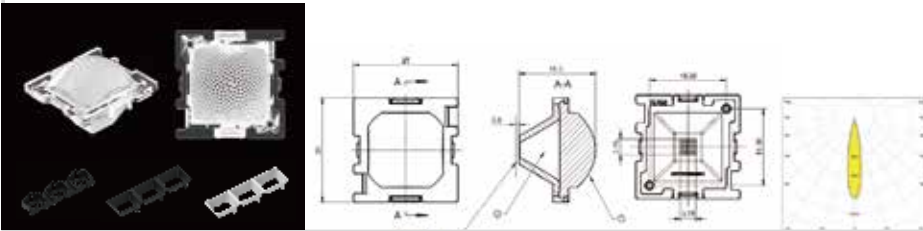
MN	1.01.33867
PN	HK-YHXK-25@19-60-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.33788) 2 IN 1 Louver (1.07.33787)	

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



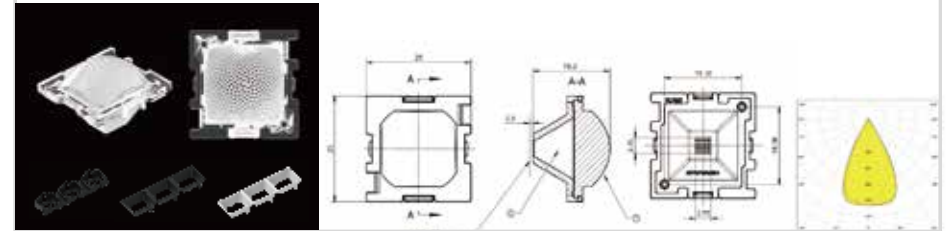
MN	1.01.33866
PN	HK-YHXK-25@19-40-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.33790) 3 IN 1 Louver (1.07.33789)	

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



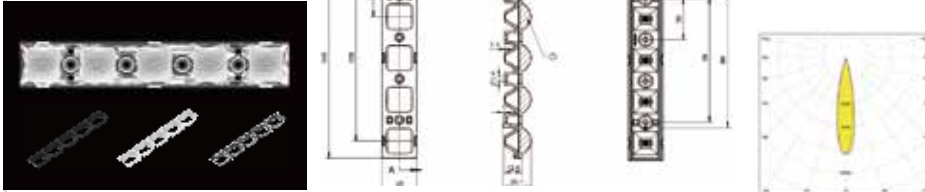
MN	1.01.33766
PN	HK-YHXK-25@19-20-3030-#0-1g-1_ASM-F
Dimension	25x25x18.3
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.33790) 3 IN 1 Louver (1.07.33789)	

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



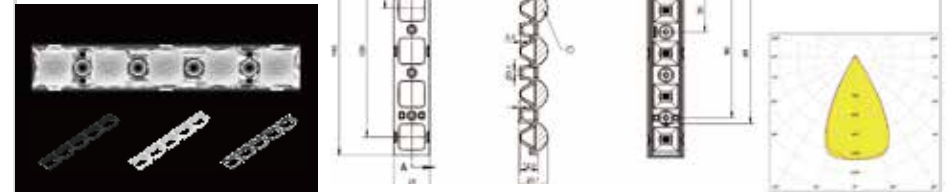
MN	1.01.33867
PN	HK-YHXK-25@19-60-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.33790) 3 IN 1 Louver (1.07.33789)	

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



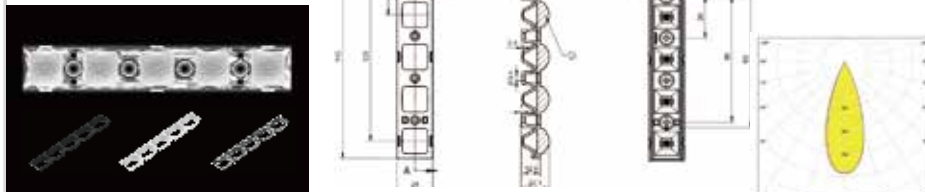
MN	1.01.44201
PN	HK-YHXK-145@20-20-3030-#0-1g-5_ASM-F
Dimension	145x25x20.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Louver (1.07.44209)	

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



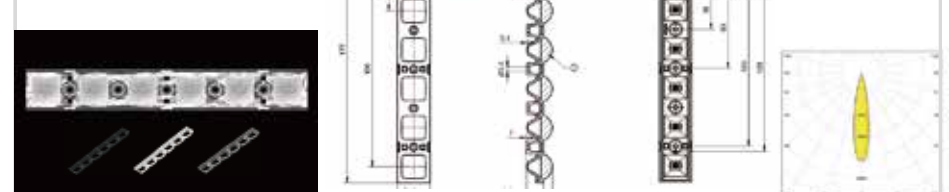
MN	1.01.44203
PN	HK-YHXK-145@20-60-3030-#0-1g-5_ASM
Dimension	145x25x20.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Louver (1.07.44209)	

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



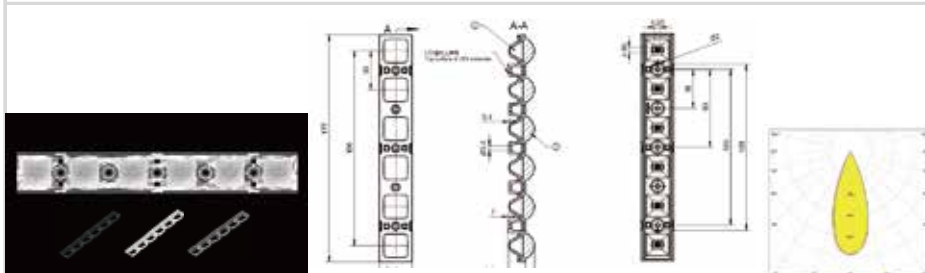
MN	1.01.44202
PN	HK-YHXK-145@20-40-3030-#0-1g-5_ASM
Dimension	145x25x20.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Louver (1.07.44209)	

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



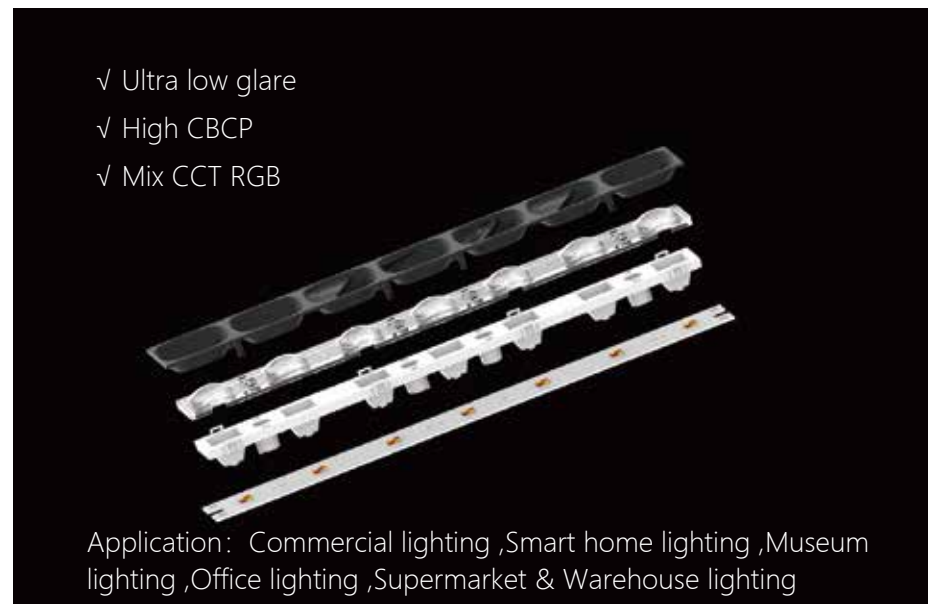
MN	1.01.44204
PN	HK-YHXK-175@20-20-3030-#0-1g-6_ASM-F
Dimension	175x25x20.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.01.44227)	

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



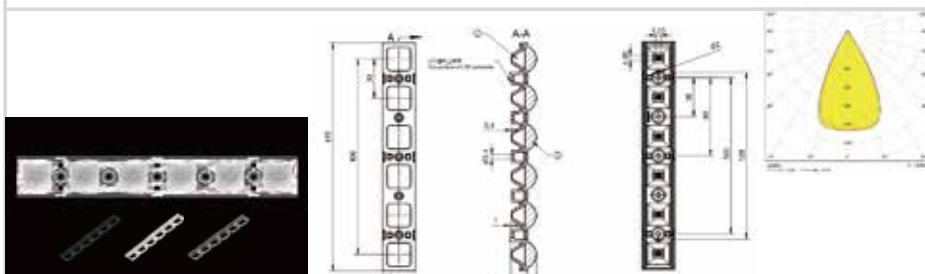
MN	1.01.44205
PN	HK-YHXK-175@20-40-3030-#0-1g-6_ASM
Dimension	175x25x20.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.01.44227)	

- ✓ 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



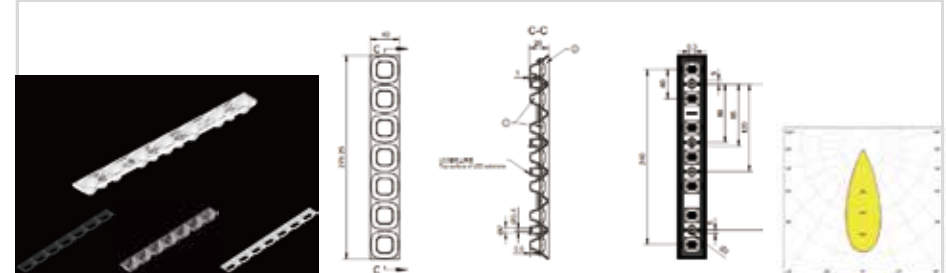
MN	1.01.54441
PN	HK-YHXK-25@23-40-4X3030-#0-1g-1_ASM
Dimension	25x25x22.9
LED	3030
FWHM	40°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



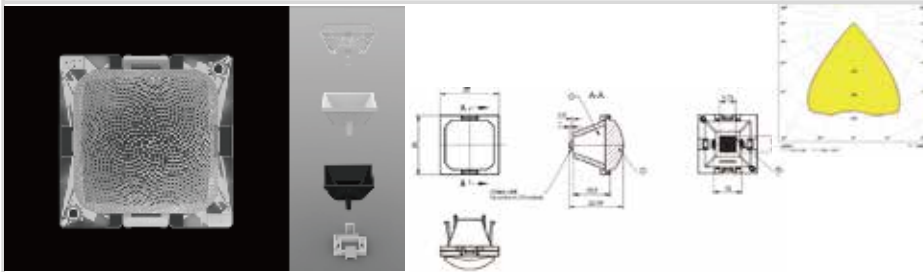
MN	1.01.54442
PN	HK-YHXK-25@23-60-4X3030-#0-1g-1_ASM
Dimension	25x25x22.9
LED	3030
FWHM	60°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



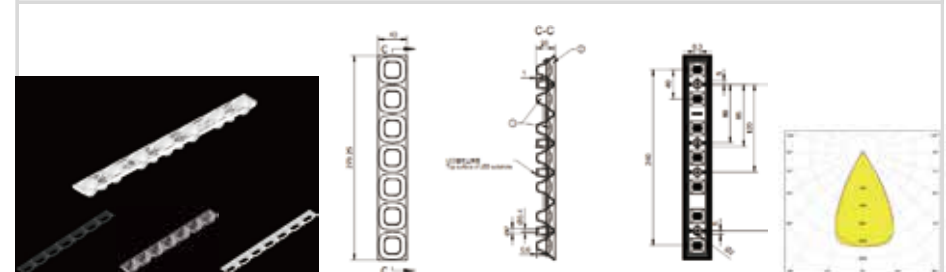
MN	1.01.44268
PN	HK-YHXK-270@23-40-4X3030-#0-1g-7_ASM
Dimension	270x30x23
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.44086)	

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



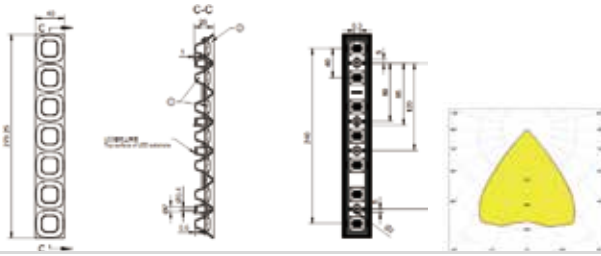
MN	1.01.54440
PN	HK-YHXK-25@21-80-4X3030-#0-1g-1_ASM
Dimension	25x25x20.8
LED	3030
FWHM	80°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



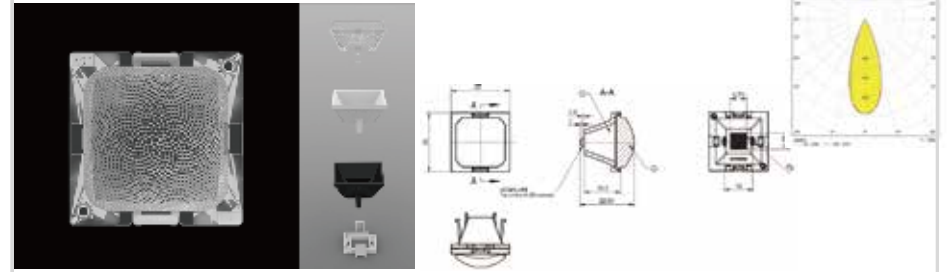
MN	1.01.44225
PN	HK-YHXK-270@23-60-4X3030-#0-1g-7_ASM
Dimension	270x30x23.09
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.44086)	

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



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

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



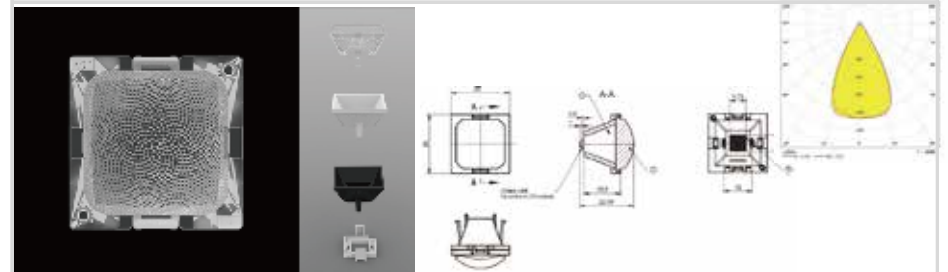
MN	1.01.54441
PN	HK-YHXK-25@23-40-4X3030-#0-1g-1_ASM
Dimension	25x25x22.9
LED	3030
FWHM	40°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

### Firefly-Starry-50G

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

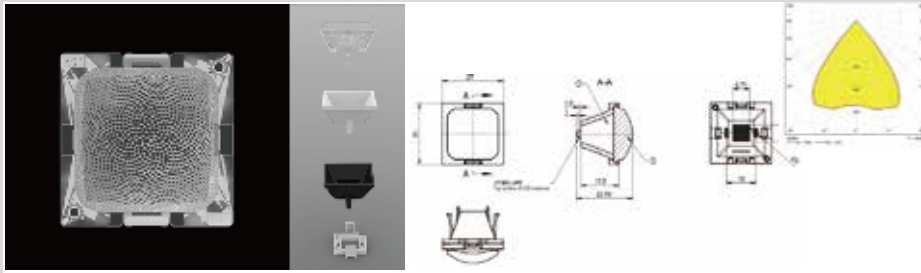
Application: Commercial lighting ,Smart home lighting ,Museum lighting ,Office lighting ,Supermarket & Warehouse lighting

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



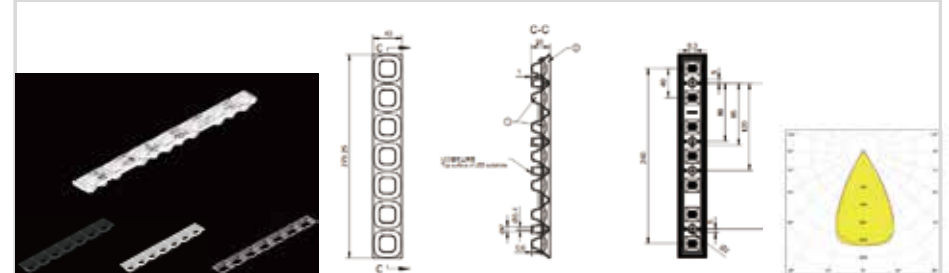
MN	1.01.54442
PN	HK-YHXK-25@23-60-4X3030-#0-1g-1_ASM
Dimension	25x25x22.9
LED	3030
FWHM	60°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



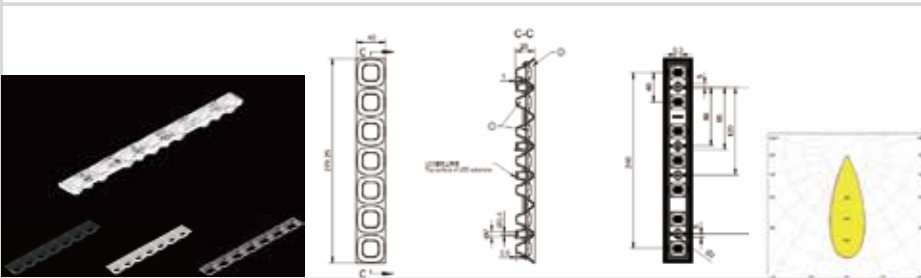
MN	1.01.54440
PN	HK-YHXK-25@21-80-4X3030-#0-1g-1_ASM
Dimension	25x25x20.8
LED	3030
FWHM	80°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



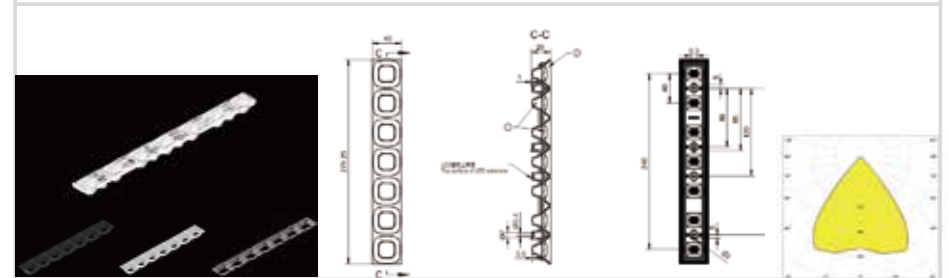
MN	1.01.44225
PN	HK-YHXK-270@23-60-4X3030-#0-1g-7_ASM
Dimension	270x30x23.09
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.44175)	

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



MN	1.01.44268
PN	HK-YHXK-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-YHXK-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

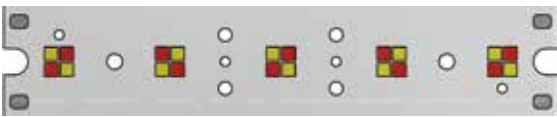
## Light Source Arrangement



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



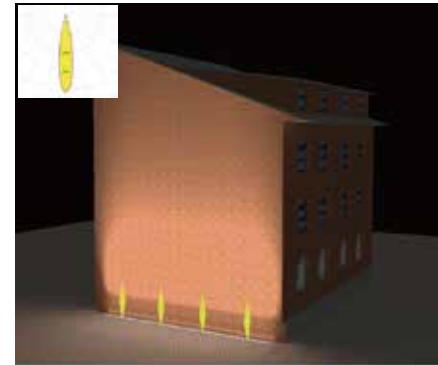
1 X 3838 \ 1 X 3535

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.

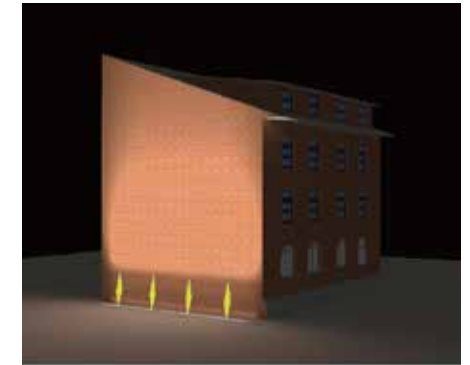
## Recommended application

— Outdoor wall washing

0.3M from the wall, tit 0

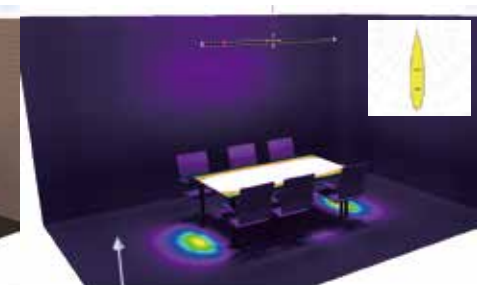


0.8M from the wall, tit 5



— Office

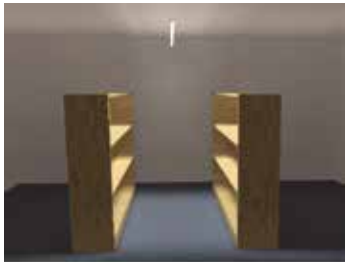
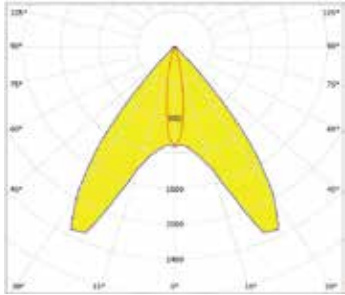
Spread the light gathering evenly on the tabletop



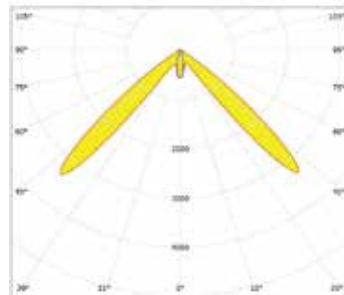
# FIREFLY SERIES

## Recommended application

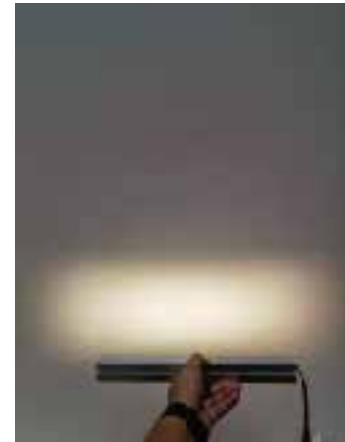
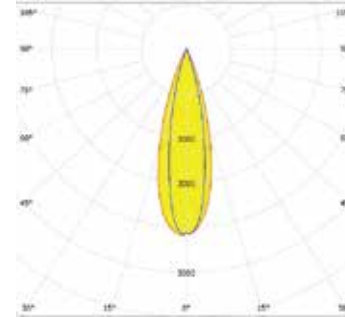
—— Supermarket Shelves  
(with double asymmetric film)



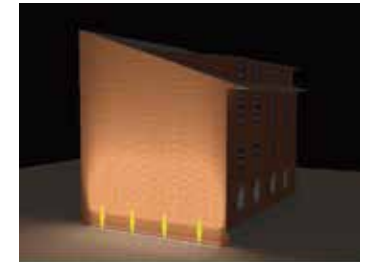
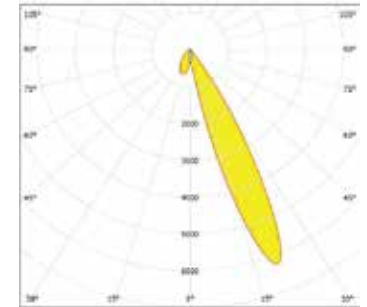
—— Indoor double asymmetric lighting  
(with double asymmetric film)



—— Office lighting  
20°+30° linear film




—— Outdoor wall washing lighting  
(with single asymmetric)



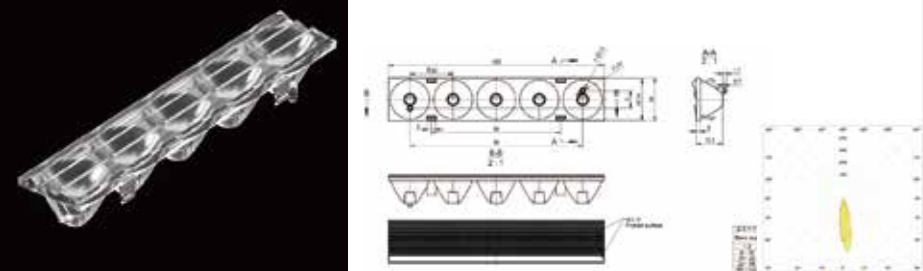
# SKYLINE SERIES

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



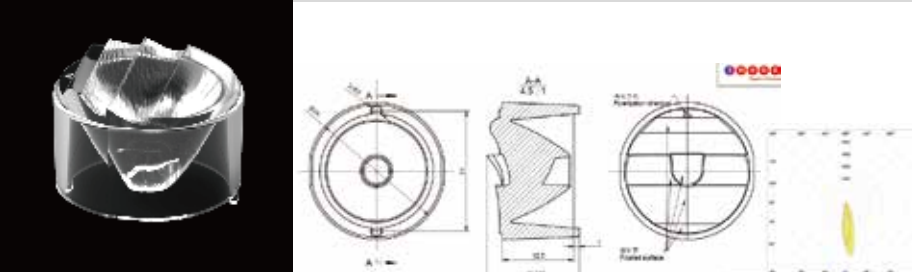
Application: Cove lighting / Wall washing / Handrail lighting / Curtain lighting

### Skyline-Starry-5 IN 1-WW



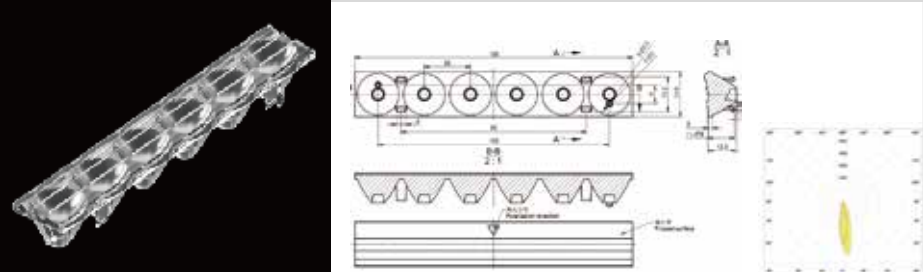
MN	1.02.44044
PN	HK-TJ-100@16-15X14-3030-01-1g-5
Dimension	100X20X16
LED	3030, 2835
FWHM	15°X 14°
LENS: PC	
washing	

### 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



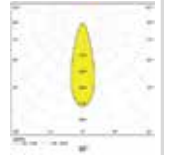
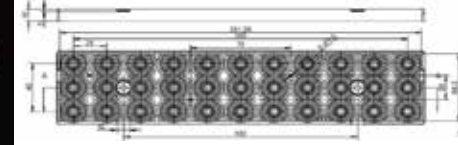
MN	1.02.44380
PN	HK-TJ-120@16-15X14-3030-01-1g-6
Dimension	120x20x16
LED	3030, 2835
FWHM	15°X 14°
LENS: PC	
washing	



## LIGHTNING SERIES

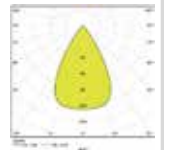
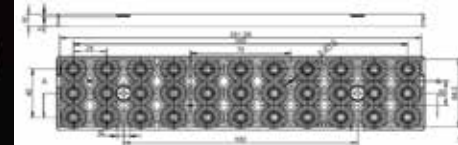
Adapted the calculus and Fresnel technology, have good effect although the shortheight assemble, and lower UGR importantly.

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



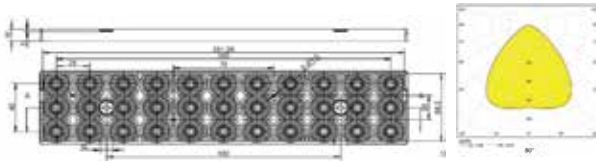
MN	1.01.6811
PN	HK-286@10-30-3030-22-1g-33
Dimension	286X61X10
LED	3030, 2835
FWHM	30°
LENS: PC	
Linear Light	

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



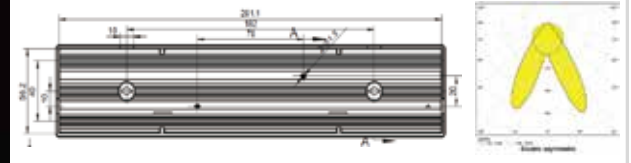
MN	1.01.6812
PN	HK-286@10-60-3030-22-1g-33
Dimension	286X61X10
LED	3030, 2835
FWHM	60°
LENS: PC	
Linear Light	

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



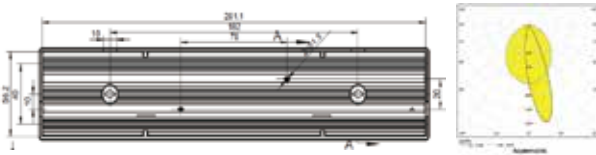
MN	1.01.6813
PN	HK-286@10-90-3030-22-1g-33
Dimension	286X61X10
LED	3030, 2835
FWHM	90° (Equiluminous Design)
LENS: PC	
Linear Light	

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



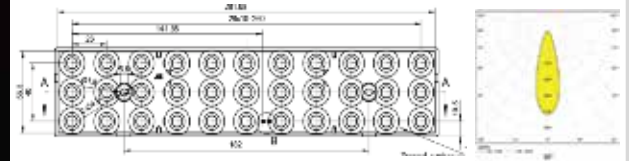
MN	1.01.6827
PN	HK-286@10-70X100-3030-20-1g-3
Dimension	286X61X10
LED	3030, 2835
FWHM	70°X100°
LENS: PC	
Linear Light	

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



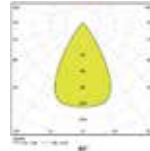
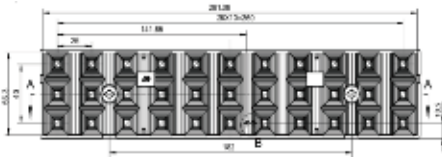
MN	1.01.6849
PN	HK-286@12-20X76-3030-20-1g-3
Dimension	286X61X11.5
LED	3030, 2835
FWHM	20°X76°
LENS: PC	
Linear Light	

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



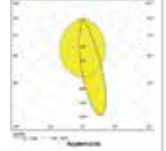
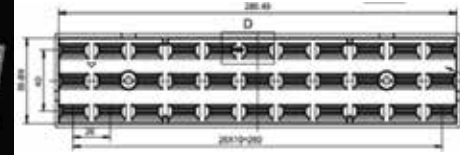
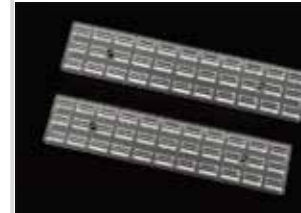
MN	1.01.71082
PN	HK-286@08-30-3030-22-1g-33
Dimension	286X61X8
LED	3030, 2835
FWHM	30°
LENS: PMMA	
Linear Light	

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



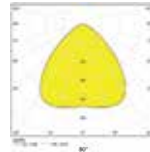
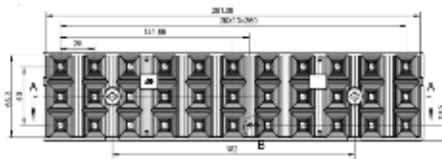
MN	1.01.71081
PN	HK-286@08-60-3030-22-1g-33
Dimension	286X61X8
LED	3030, 2835
FWHM	60°
LENS6747: PMMA	
Linear Light	

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



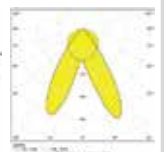
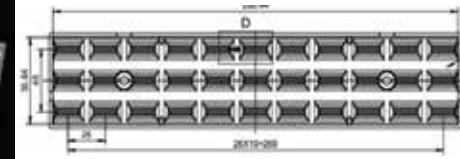
MN	1.01.81468
PN	HK-286@08-32X76-2835-22-1g-33
Dimension	286X61X8
LED	3030, 2835
FWHM	40°X80°
LENS: PMMA	
Linear Light	

### 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	