



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

Chengdu HercuLux Photoelectric Technology Co., Ltd.



Website



WeChat

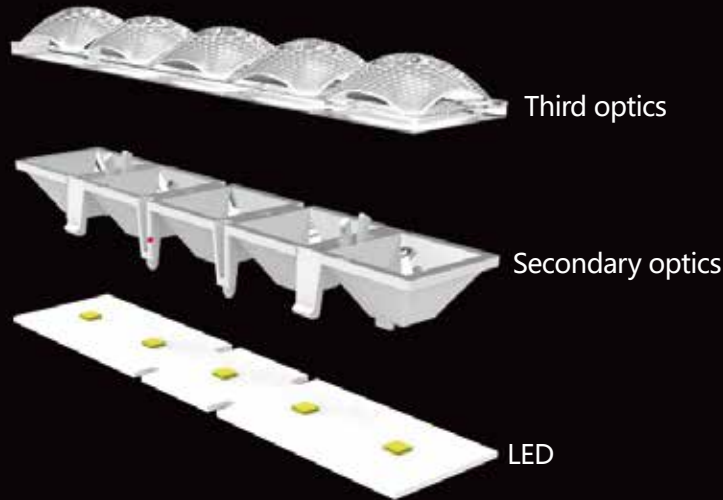


Youtube

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STARRY OPTICAL PLATFORM Firefly & Hidden Series

FIREFLY SERIES



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

New Solution Design Principles



D20 New Design@100lm Illumination: 310000

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

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

Advantage:
 Glare control is better.

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

Advantage: Both center light and edge light can be controlled, the design height is relatively high.

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

Surface Illumination Comparison



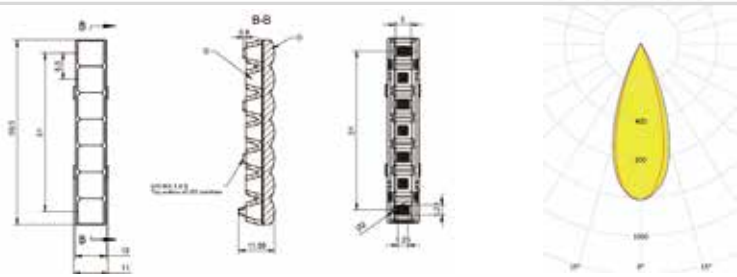
Regular solutions on the market

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

HercuLux solution

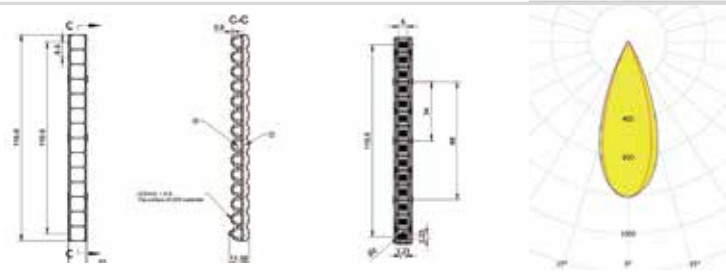
Firefly series lens, precise light control at the same time, **the surface illumination uniformity is very good**, when you look directly at the lens is not glare.

Firefly-Starry-10-7 IN 1-45



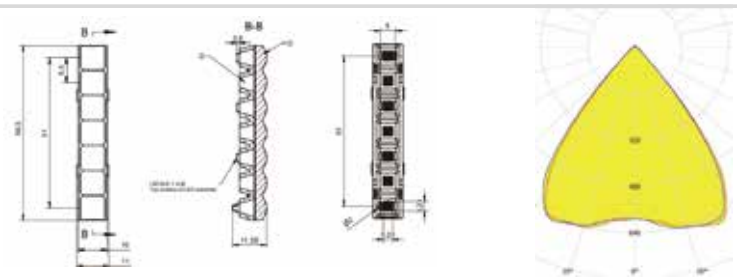
MN	1.01.43968
PN	HK-YHXK-59@12-45-3030-#0-1g-7_ASM
Dimension	L59.3X11X11.59
LED	3030
FWHM	45°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-14 IN 1-45



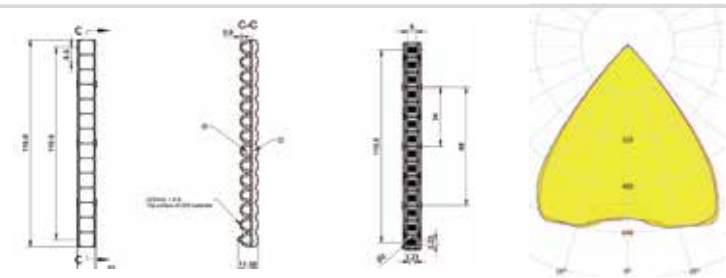
MN	1.01.44010
PN	HK-YHXK-119@12-45-3030-#0-1g-14_ASM
Dimension	L118.8X11X11.59
LED	3030
FWHM	45°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-7 IN 1-80



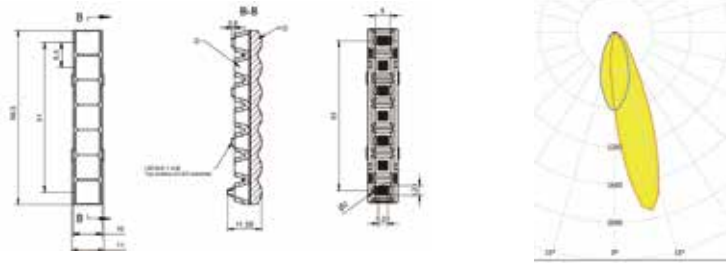
MN	1.01.44028
PN	HK-YHXK-59@12-80-3030-#0-1g-7_ASM
Dimension	L59.3X11X11.59
LED	3030
FWHM	80°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-14 IN 1-80



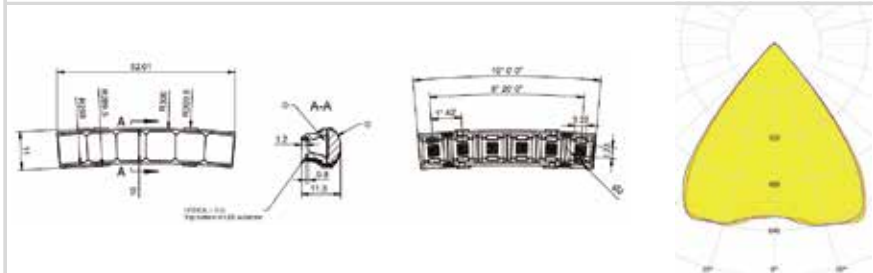
MN	1.01.44109
PN	HK-YHXK-119@12-80-3030-#0-1g-14_ASM
Dimension	L118.8X11X11.59
LED	3030
FWHM	80°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-7 IN 1-Washing



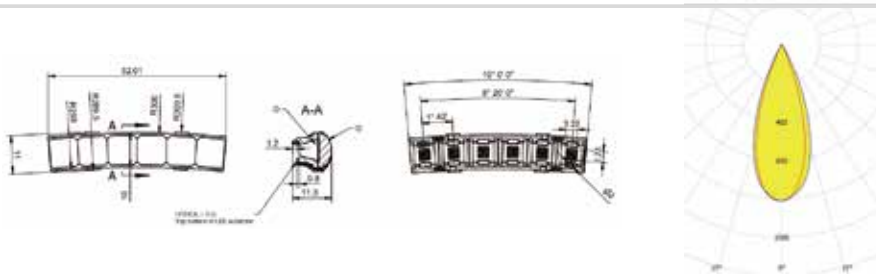
MN	1.01.44220
PN	HK-YHXK-59@09-XQ-3030-#0-1g-7_ASM
Dimension	L59.3X11X11.59
LED	3030
FWHM	washing
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-CRV-6 IN 1-80



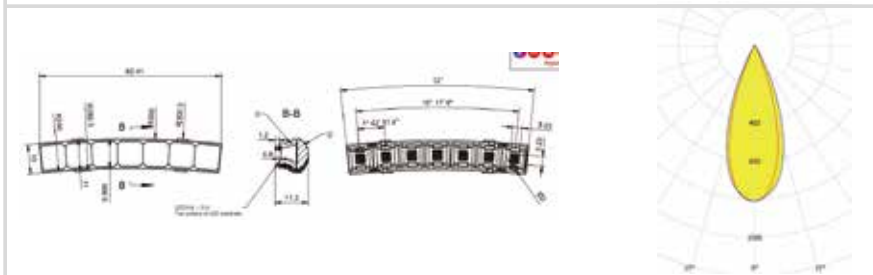
MN	coming soon
PN	/
Dimension	L59.3X11X11.59
LED	3030
FWHM	80°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



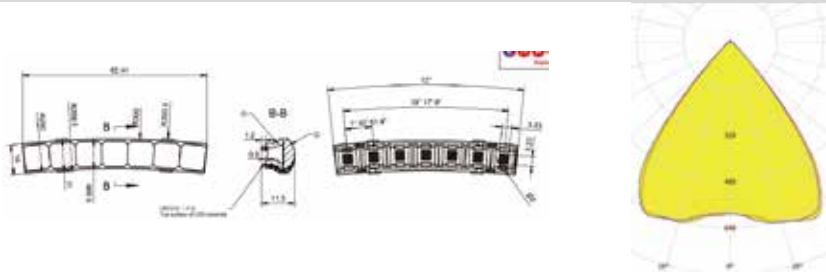
MN	1.01.44072
PN	HK-YHXK-52@12-45-3030-#0-1g-6_ASM
Dimension	L59.3X11X11.59
LED	3030
FWHM	45°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

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



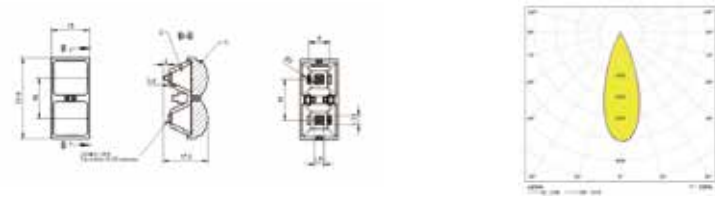
MN	1.01.44169
PN	HK-YHXK-63@12-45-3030-#0-1g-7_ASM
Dimension	L118.8X11X11.59
LED	3030
FWHM	45°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-10-7 IN 1-80



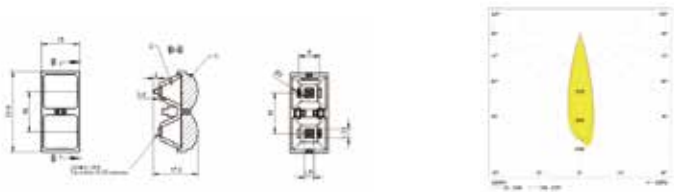
MN	coming soon
PN	/
Dimension	L118.8X11X11.59
LED	3030
FWHM	80°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-15-2 IN 1-40



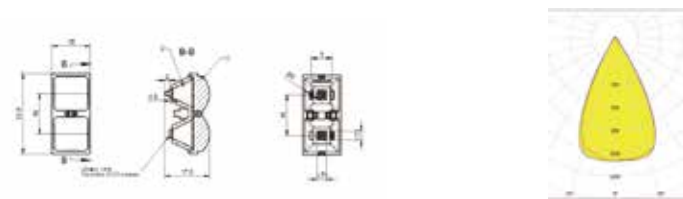
MN	1.01.33918
PN	HK-YHXK-32@17-40-3030-#0-1g-2_ASM
Dimension	L31.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.43941)	

Firefly-Starry-15-2 IN 1-24



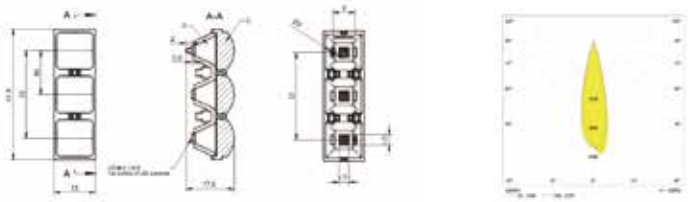
MN	1.01.33917
PN	HK-YHXK-32@17-24-3030-#0-1g-2_ASM-Y
Dimension	L31.8x15x17.6
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.43941)	

Firefly-Starry-15-2 IN 1-60



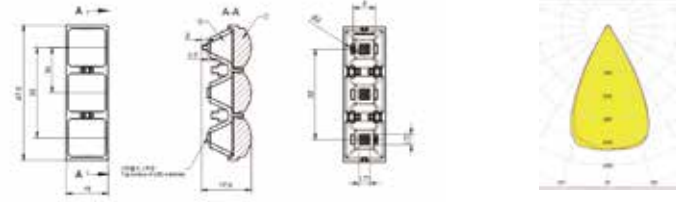
MN	1.01.33919
PN	HK-YHXK-32@17-60-3030-#0-1g-2_ASM
Dimension	L31.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.43941)	

Firefly-Starry-15-3 IN 1-24



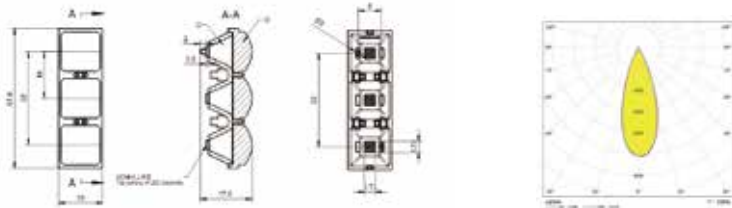
MN	1.01.33920
PN	HK-YHXK-48@17-24-3030-#0-1g-3_ASM-Y
Dimension	L47.8x15x17.6
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.43942)	

Firefly-Starry-15-3 IN 1-60



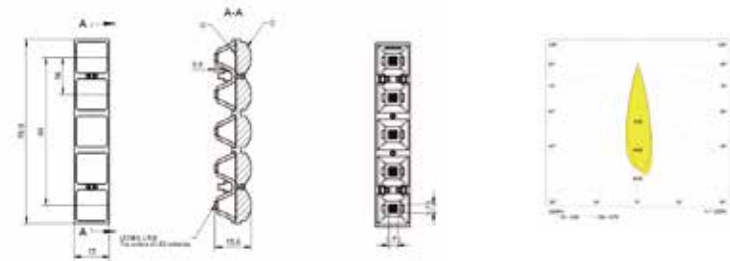
MN	1.01.33922
PN	HK-YHXK-48@17-60-3030-#0-1g-3_ASM
Dimension	L47.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.43942)	

Firefly-Starry-15-3 IN 1-40



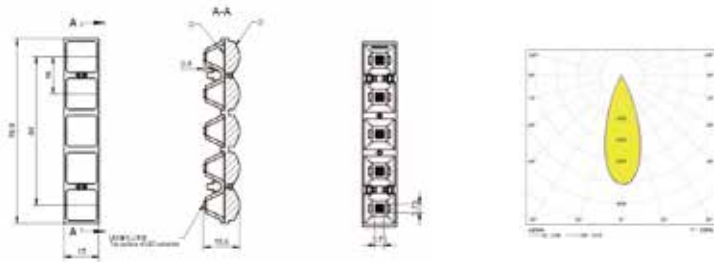
MN	1.01.33921
PN	HK-YHXK-48@17-40-3030-#0-1g-3_ASM
Dimension	L47.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.43942)	

Firefly-Starry-15-5 IN 1-24



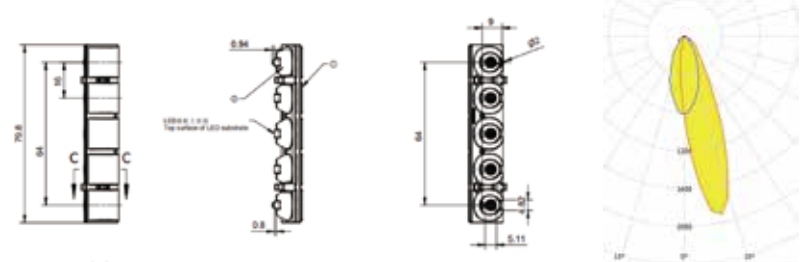
MN	1.01.33928
PN	HK-YHXK-80@17-24-3030-#0-1g-5_ASM-Y
Dimension	L79.8x15x17.6
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.43943)	

Firefly-Starry-15-5 IN 1-40



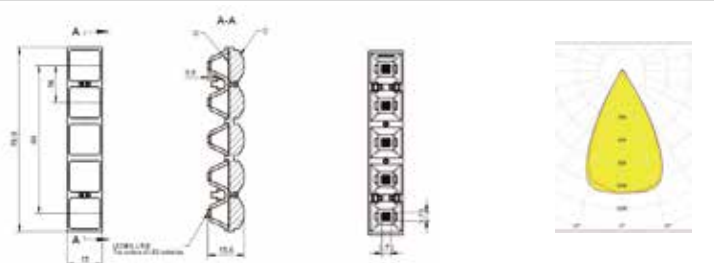
MN	1.01.33929
PN	HK-YHXK-80@17-40-3030-#0-1g-5_ASM
Dimension	L79.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.43943)	

Firefly-Starry-15-5 IN 1-Washing



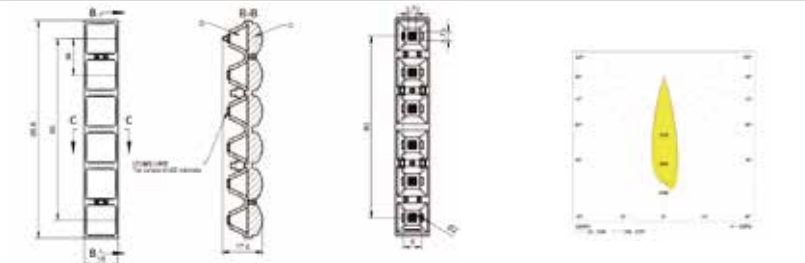
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PN	HK-YHXK-80@13-XQ-3030-#0-1g-5_ASM
Dimension	L79.8*15*13
LED	3030, 3535
FWHM	washing
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-15-5 IN 1-60



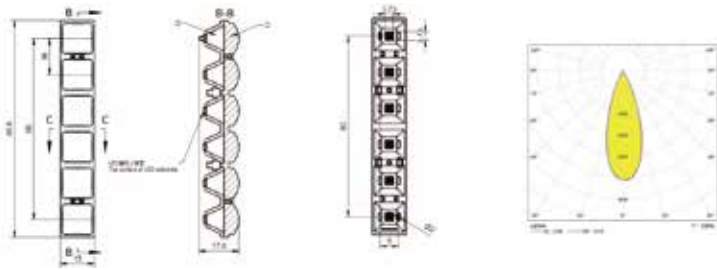
MN	1.01.33930
PN	HK-YHXK-80@17-60-3030-#0-1g-5_ASM
Dimension	L79.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.43943)	

Firefly-Starry-15-6 IN 1-24



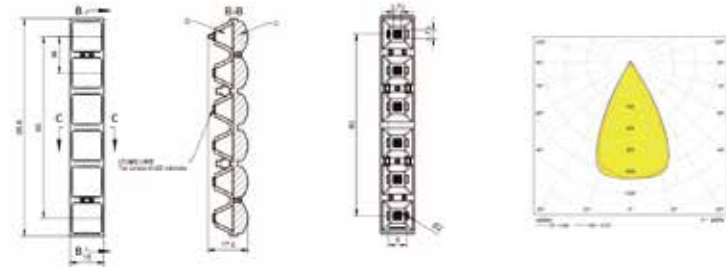
MN	1.01.33662
PN	HK-YHXK-96@17-24-3030-#0-1g-6_ASM
Dimension	L95.8x15x17.6
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN1 Holder (1.07.33801) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-40



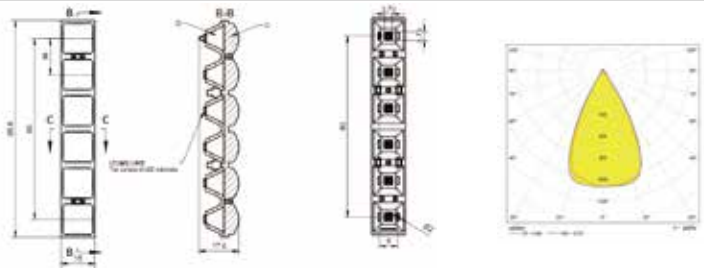
MN	1.01.33677
PN	HK-YHXK-96@17-40-3030-#0-1g-6_ASM
Dimension	L95.8x15x17.6
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN1 Holder (1.07.33801) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-60



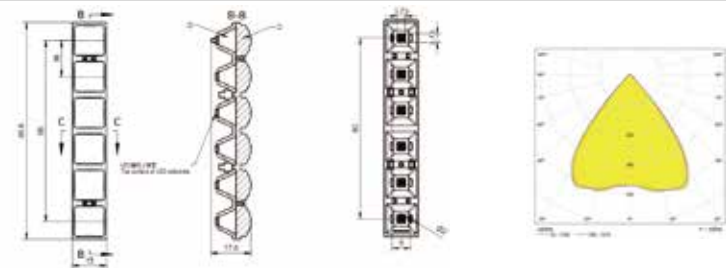
MN	1.01.33752
PN	HK-YHXK-96@17-60-3030-#0-1g-6_ASM
Dimension	L95.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN1 Holder (1.07.33801) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-60



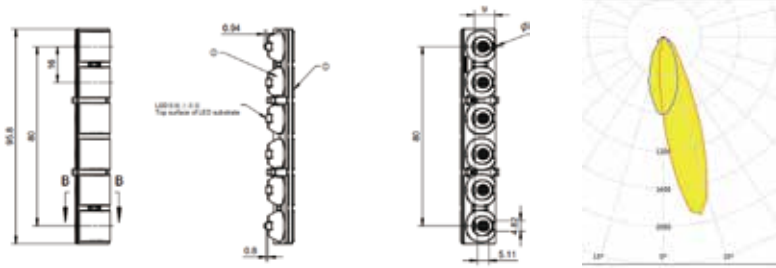
MN	1.01.33752
PN	HK-YHXK-96@17-60-3030-#0-1g-6_ASM
Dimension	L95.8x15x17.6
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN1 Holder (1.07.33801) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN1-80



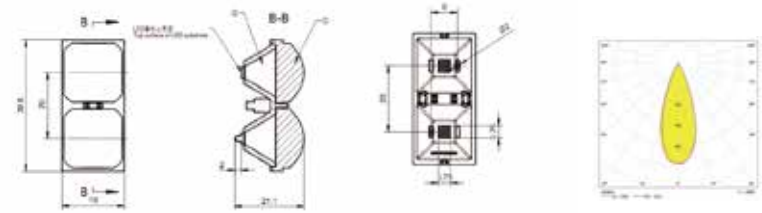
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PN	HK-YHXK-96@16-80-3030-#0-1g-6_ASM
Dimension	L95.8x15x17.6
LED	3030, 3535
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN1 Holder (1.07.33801) 6 IN 1 Louver (1.07.33803)	

Firefly-Starry-15-6 IN 1-Washing



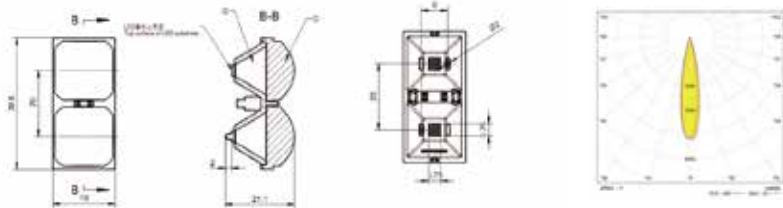
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PN	HK-YHXK-96@13-XQ-3030-#0-1g-6_ASM
Dimension	L95.8x15x12.92
LED	3030, 3535
FWHM	washing
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-19-2 IN 1-40



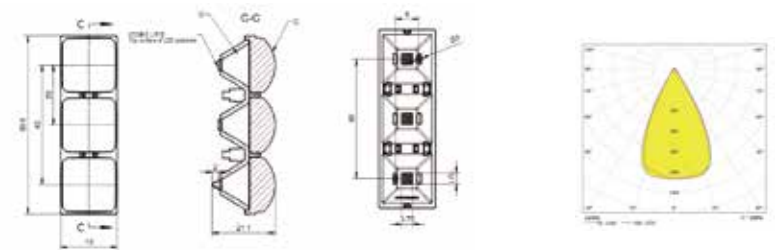
MN	1.01.33857
PN	HK-YHXK-40@21-40-3030-#0-1g-2_ASM
Dimension	L39.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN1 Holder (1.07.43944)	

Firefly-Starry-19-2 IN 1-20



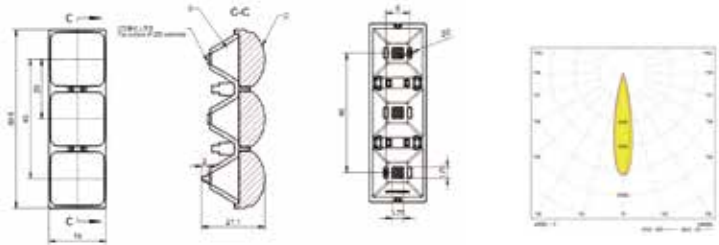
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PN	HK-YHXK-40@21-20-3030-#0-1g-2_ASM-F
Dimension	L39.8x19x21.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN1 Holder (1.07.43944)	

Firefly-Starry-19-2 IN 1-60



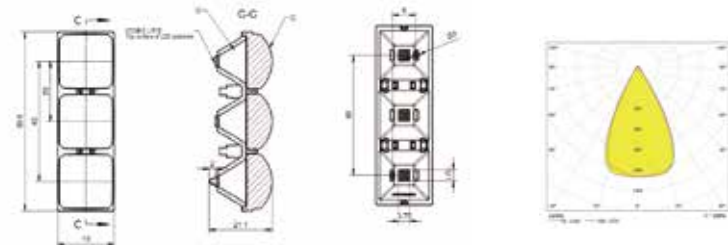
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PN	HK-YHXK-40@21-60-3030-#0-1g-2_ASM
Dimension	L39.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN1 Holder (1.07.43944)	

Firefly-Starry-19-3 IN 1-20



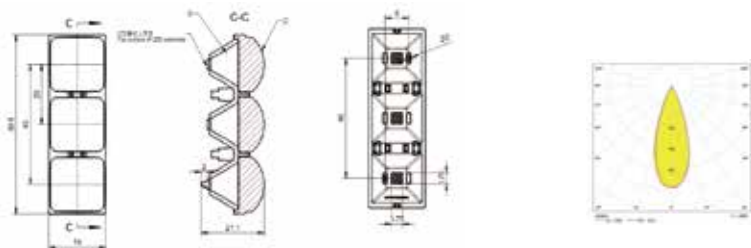
MN	1.01.33859
PN	HK-YHXK-60@21-20-3030-#0-1g-3_ASM-F
Dimension	L59.8x19x21.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN1 Holder (1.07.43945) 3 IN 1 Louver (1.07.44046)	

Firefly-Starry-19-3 IN 1-60



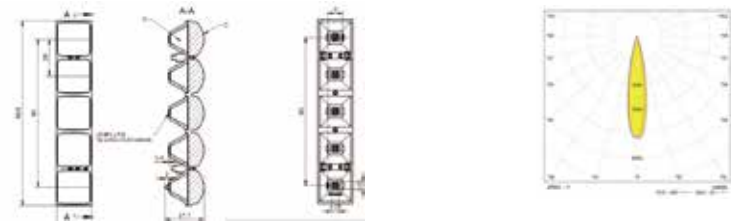
MN	1.01.33861
PN	HK-YHXK-60@21-60-3030-#0-1g-3_ASM
Dimension	L59.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN1 Holder (1.07.43945) 3 IN 1 Louver (1.07.44046)	

Firefly-Starry-19-3 IN 1-40



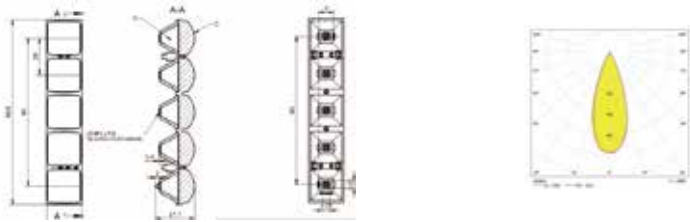
MN	1.01.33860
PN	HK-YHXK-60@21-40-3030-#0-1g-3_ASM
Dimension	L59.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN1 Holder (1.07.43945) 3 IN 1 Louver (1.07.44046)	

Firefly-Starry-19-5 IN 1-20



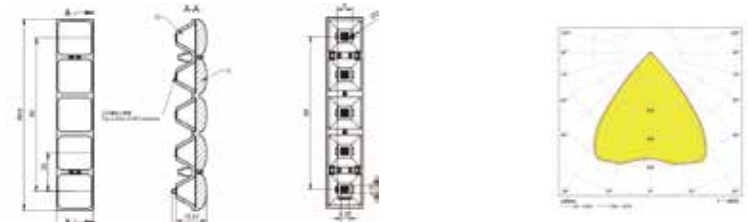
MN	1.02.33619
PN	HK-YHXK-100@20-20-3030-#0-1g-5_ASM
Dimension	L99.8x19x21.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.33760) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-40



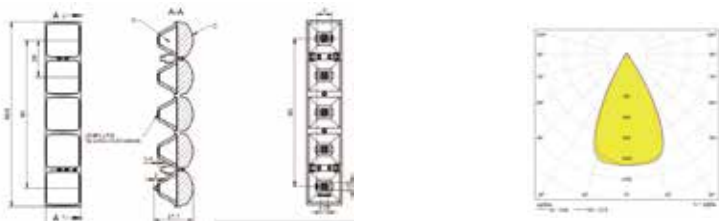
MN	1.02.33720
PN	HK-YHXK-100@18-40-3030-#0-1g-5_ASM
Dimension	L99.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.33760) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN1-80



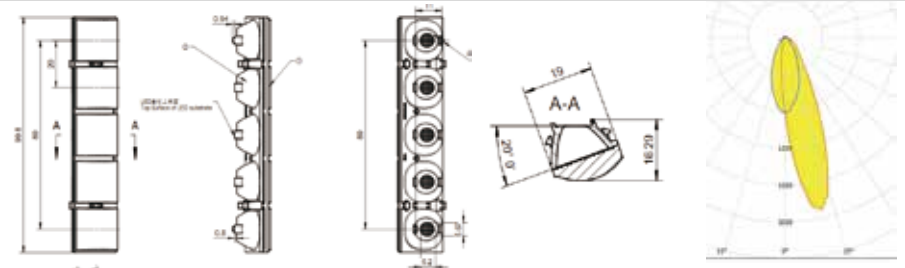
MN	1.01.33886
PN	HK-YHXK-100@18-80-3030-#0-1g-5_ASM
Dimension	L99.8x19x18.31
LED	3030, 3535
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.33760) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-60



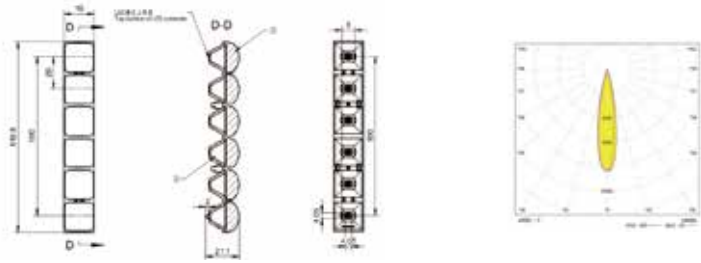
MN	1.02.33746
PN	HK-YHXK-100@20-60-3030-#0-1g-5_ASM
Dimension	L99.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.33760) 5 IN 1 Louver (1.07.33852)	

Firefly-Starry-19-5 IN 1-Washing



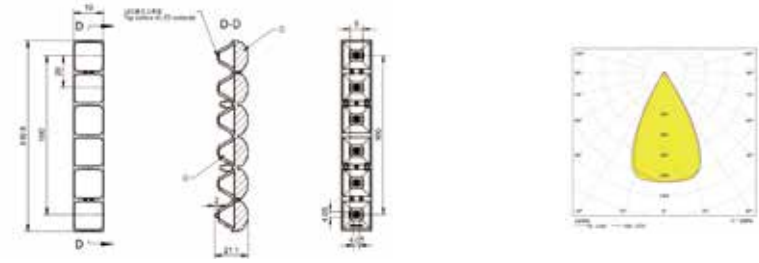
MN	1.01.44073
PN	HK-YHXK-100@17-XQ-3030-#0-1g-5_ASM-2
Dimension	L99.8x19x16.29
LED	3030, 3535
FWHM	washing
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.44082)	

Firefly-Starry-19-6 IN 1-20



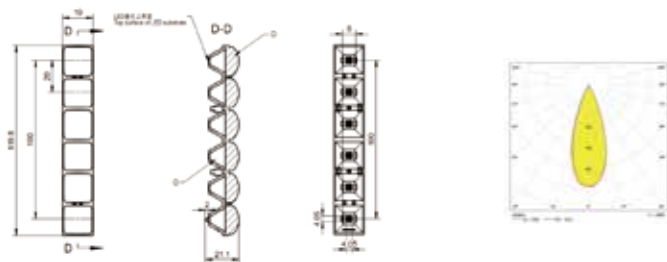
MN	1.01.43998
PN	HK-YHXK-120@21-20-3030-#0-1g-6_ASM-F
Dimension	L119.8x19x21.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN1 Holder (1.07.44000) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-60



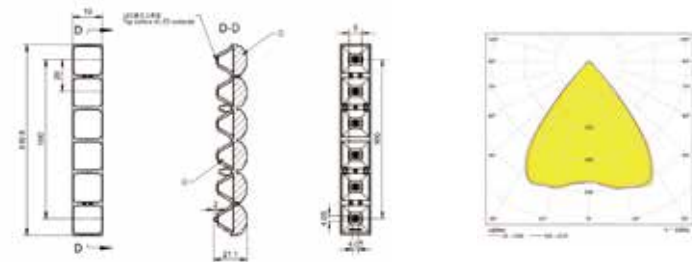
MN	1.01.44004
PN	HK-YHXK-120@21-60-3030-#0-1g-6_ASM
Dimension	L119.8x19x21.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN1 Holder (1.07.44000) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-40



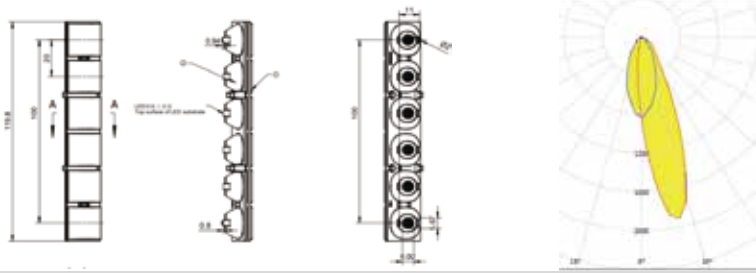
MN	1.01.43999
PN	HK-YHXK-120@21-40-3030-#0-1g-6_AS
Dimension	L119.8x19x21.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN1 Holder (1.07.44000) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN1-80



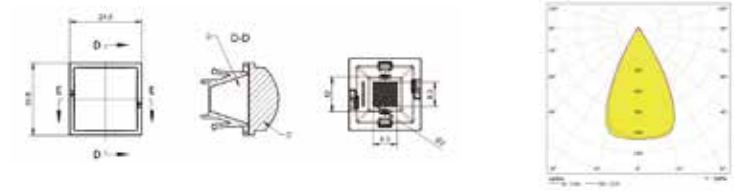
MN	coming soon
PN	/
Dimension	/
LED	3030, 3535
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN1 Holder (1.07.44000) 6 IN 1 Louver (1.07.44001)	

Firefly-Starry-19-6 IN 1-Washing



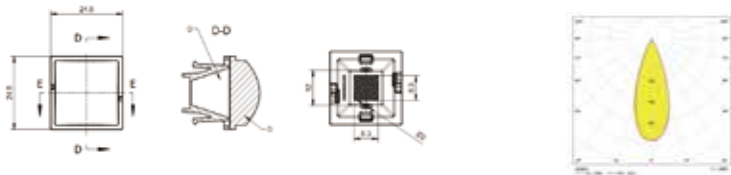
MN	1.01.44115
PN	HK-YHXK-120@17-XQ-3030-#0-1g-6_ASM
Dimension	L119.8*19*16.29
LED	3030, 3535
FWHM	washing
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN1 Holder (1.07.44131)	

Firefly-Starry-25-1 IN 1-60



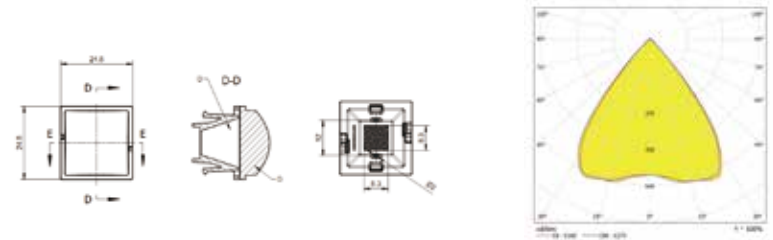
MN	coming soon
PN	/
Dimension	/
LED	3030, 3535
FWHM	60°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-25-1 IN 1-40



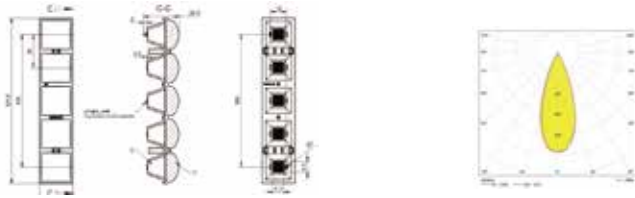
MN	1.01.44026
PN	HK-YHXK-25@27-40-4X3030-#0-1g-1_ASM
Dimension	24.8x24.8x26.5
LED	3030, 3535
FWHM	40°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-25-1 IN 1-80



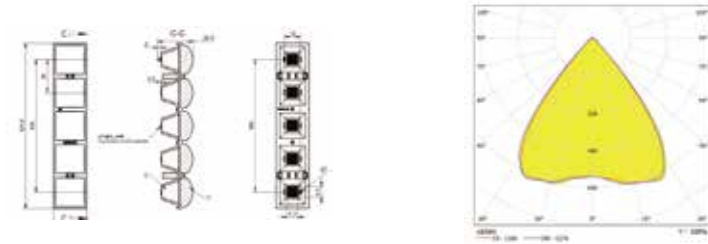
MN	coming soon
PN	/
Dimension	/
LED	3030, 3535
FWHM	80°
LENS: PMMA	
Reflector:Vaccum Aluminum Plating PC	

Firefly-Starry-25-5 IN 1-40



MN	1.01.44019
PN	HK-YHXK-125@27-40-4X3030-#0-1g-5_ASM
Dimension	L124.8x25x26.5
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.33833)	

Firefly-Starry-25-5 IN 1-80



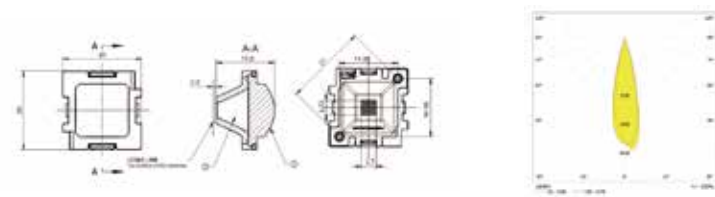
MN	coming soon
PN	/
Dimension	/
LED	3030, 3535
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.33833)	

Firefly-Starry-25-5 IN 1-60



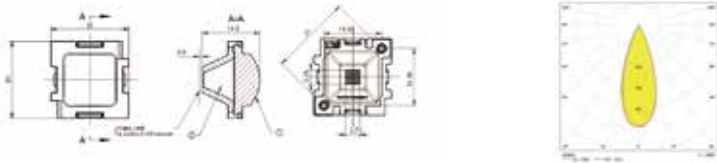
MN	1.01.33832
PN	HK-YHXK-125@27-60-4X3030-#0-1g-5_ASM
Dimension	L124.8x25x26.5
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.33833)	

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



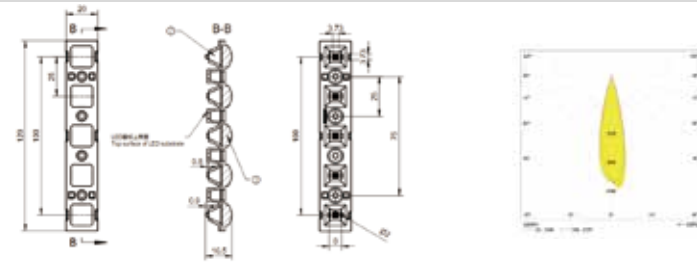
MN	1.01.43958
PN	HK-YHXK-20@15-24-3030-#0-1g-1_ASM-Y
Dimension	20x20x14.8
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962) 1 IN 1 Louver (1.07.43961)	

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



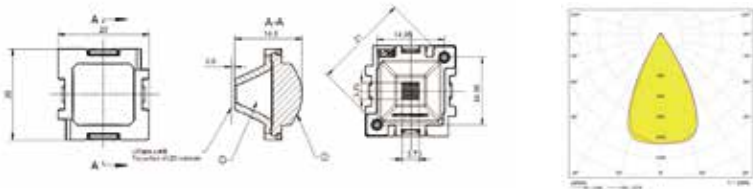
MN	1.01.43959
PN	HK-YHXK-20@15-40-3030-#0-1g-1_ASM
Dimension	20x20x14.8
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962) 1 IN 1 Louver (1.07.43961)	

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



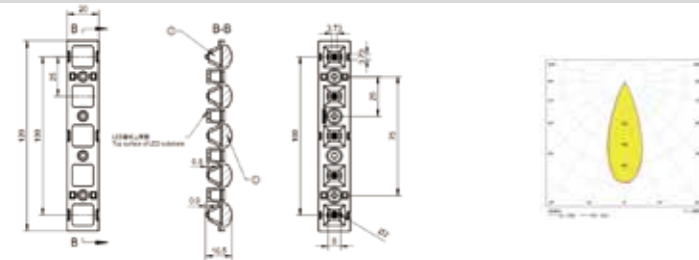
MN	1.01.44039
PN	HK-YHXK-120@17-24-3030-#0-1g-5_ASM-Y
Dimension	L120x20x16.5
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.44085)	

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



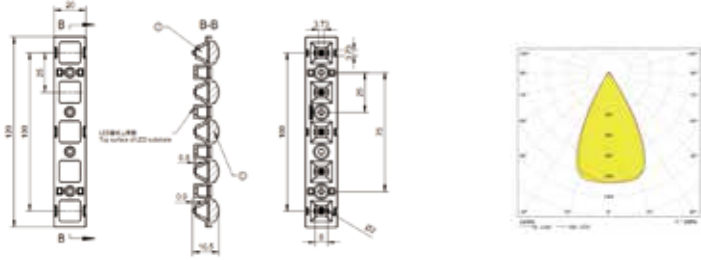
MN	1.01.43960
PN	HK-YHXK-20@15-60-3030-#0-1g-1_ASM
Dimension	20x20x14.8
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.43962) 1 IN 1 Louver (1.07.43961)	

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



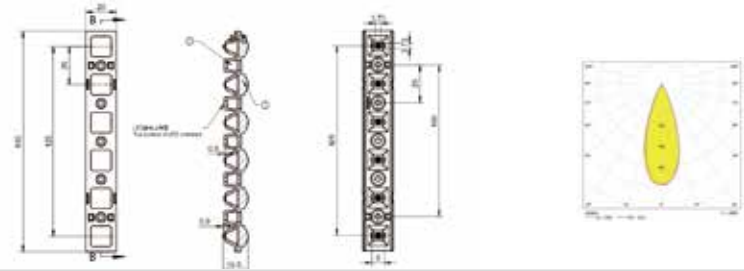
MN	1.01.44040
PN	HK-YHXK-120@17-40-3030-#0-1g-5_ASM
Dimension	L120x20x16.5
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.44085)	

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



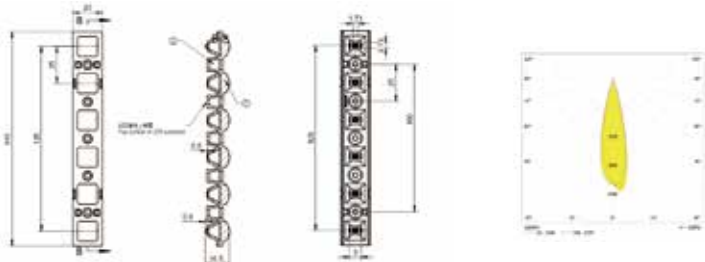
MN	coming soon
PN	/
Dimension	L120x20x16.5
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN1 Holder (1.07.44085)	

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



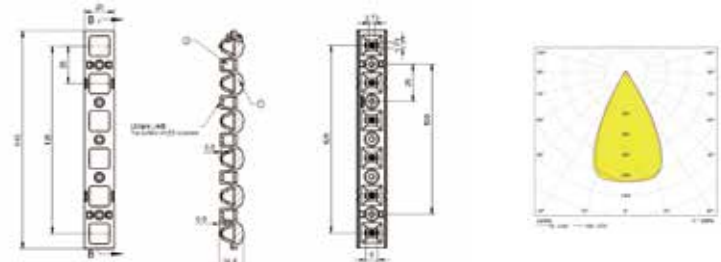
MN	1.01.44246
PN	HK-YHXK-145@17-40-3030-#0-1g-6_ASM
Dimension	L145x20x16.5
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.07.44248)	

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



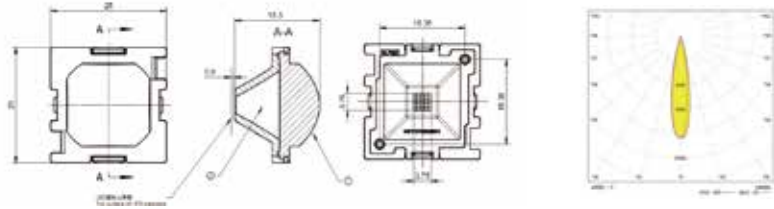
MN	1.01.44245
PN	HK-YHXK-145@17-24-3030-#0-1g-6_ASM_Y
Dimension	L145x20x16.5
LED	3030, 3535
FWHM	24°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.07.44248)	

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



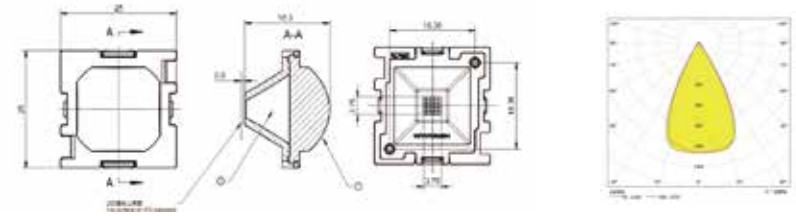
MN	coming soon
PN	/
Dimension	L145x20x16.5
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.07.44248)	

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



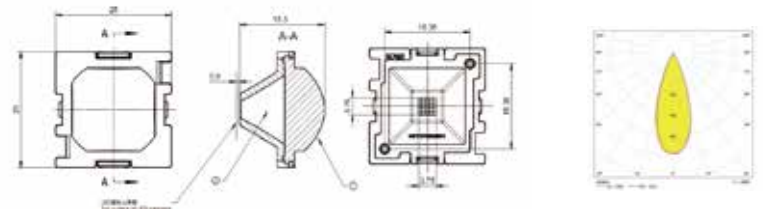
MN	1.01.33766
PN	HK-YHXK-25@19-20-3030-#0-1g-1_ASM-F
Dimension	25x25x18.3
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767) 1 IN 1 Louver (1.07.33777)	

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



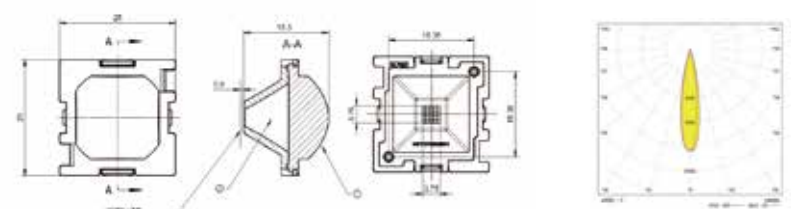
MN	1.01.33867
PN	HK-YHXK-25@19-60-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767) 1 IN 1 Louver (1.07.33777)	

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



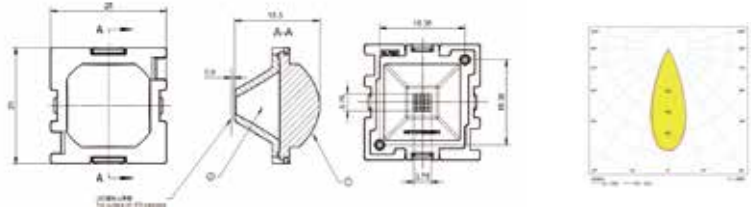
MN	1.01.33866
PN	HK-YHXK-25@19-40-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
1 IN 1 Holder (1.07.33767) 1 IN 1 Louver (1.07.33777)	

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



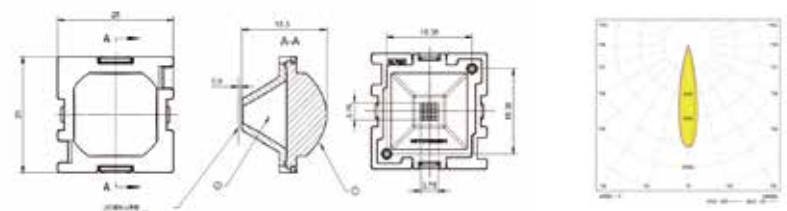
MN	1.01.33766
PN	HK-YHXK-25@19-20-3030-#0-1g-1_ASM-F
Dimension	25x25x18.3
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.33788) 2 IN 1 Louver (1.07.33787)	

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



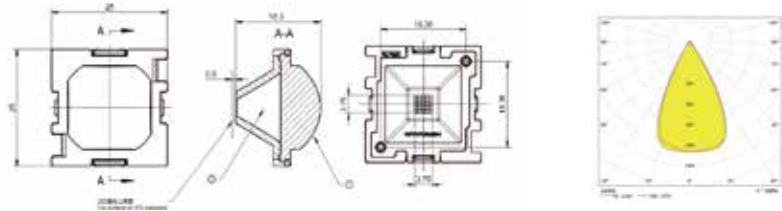
MN	1.01.33866
PN	HK-YHXK-25@19-40-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.33788) 2 IN 1 Louver (1.07.33787)	

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



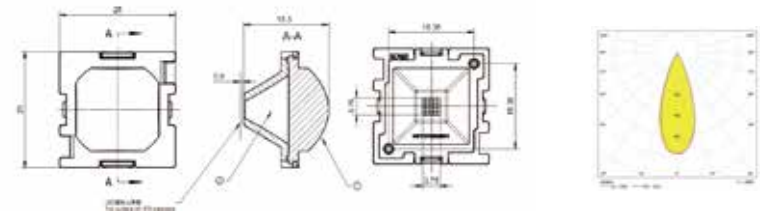
MN	1.01.33766
PN	HK-YHXK-25@19-20-3030-#0-1g-1_ASM-F
Dimension	25x25x18.3
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.33790) 3 IN 1 Louver (1.07.33789)	

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



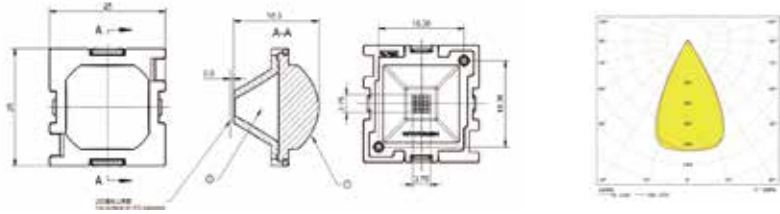
MN	1.01.33867
PN	HK-YHXK-25@19-60-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
2 IN 1 Holder (1.07.33788) 2 IN 1 Louver (1.07.33787)	

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



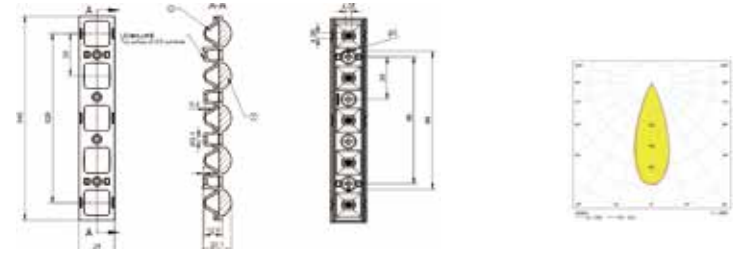
MN	1.01.33866
PN	HK-YHXK-25@19-40-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.33790) 3 IN 1 Louver (1.07.33789)	

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



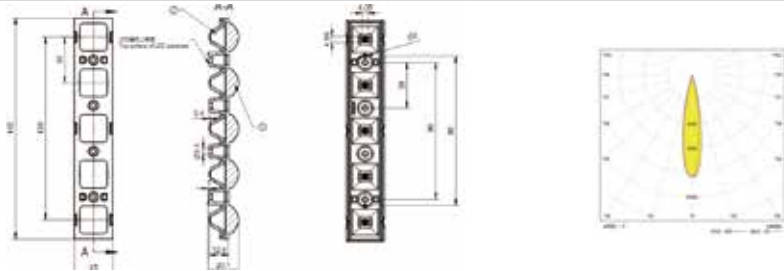
MN	1.01.33867
PN	HK-YHXK-25@19-60-3030-#0-1g-1_ASM
Dimension	25x25x18.3
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
3 IN 1 Holder (1.07.33790) 3 IN 1 Louver (1.07.33789)	

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



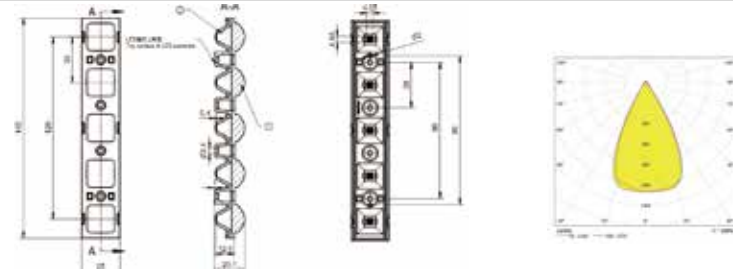
MN	1.01.44202
PN	HK-YHXK-145@20-40-3030-#0-1g-5_ASM
Dimension	L145x25x20.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Louver (1.07.44209)	

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



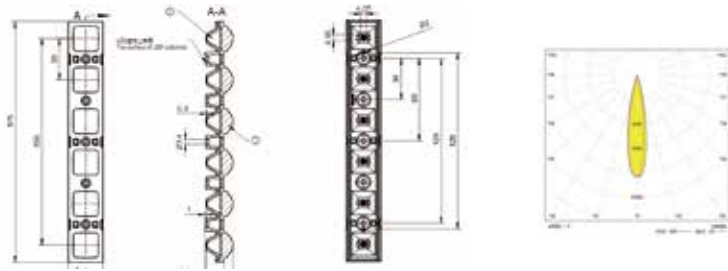
MN	1.01.44201
PN	HK-YHXK-145@20-20-3030-#0-1g-5_ASM-F
Dimension	L145x25x20.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Louver (1.07.44209)	

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



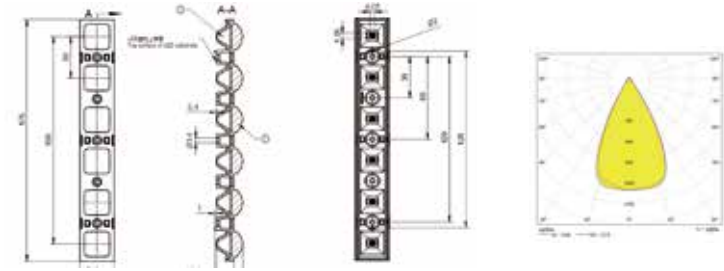
MN	coming soon
PN	/
Dimension	L145x25x20.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
5 IN 1 Louver (1.07.44209)	

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



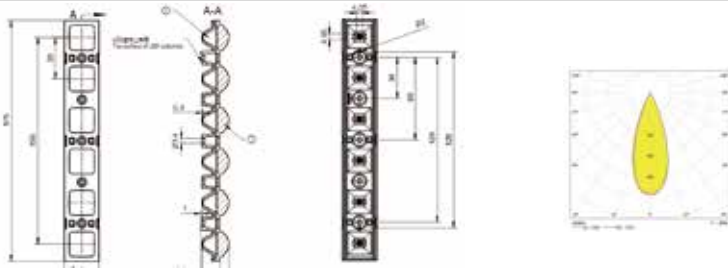
MN	1.01.44204
PN	HK-YHXK-175@20-20-3030-#0-1g-6_ASM-F
Dimension	L175x25x20.1
LED	3030, 3535
FWHM	20°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.01.44227)	

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



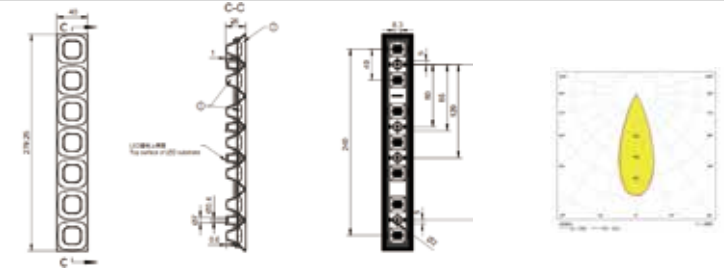
MN	1.01.44206
PN	HK-YHXK-175@20-60-3030-#0-1g-6_ASM
Dimension	L175x25x20.1
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.01.44227)	

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



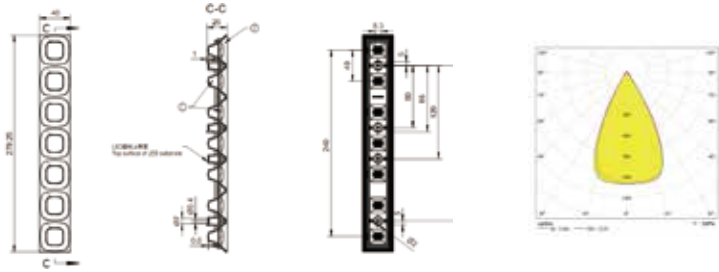
MN	1.01.44205
PN	HK-YHXK-175@20-40-3030-#0-1g-6_ASM
Dimension	L175x25x20.1
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
6 IN 1 Louver (1.01.44227)	

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



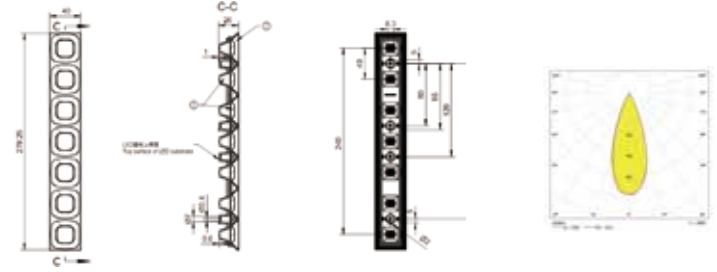
MN	1.01.44268
PN	HK-YHXK-270@23-40-4X3030-#0-1g-7_ASM
Dimension	L270*30*23
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.44086)	

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



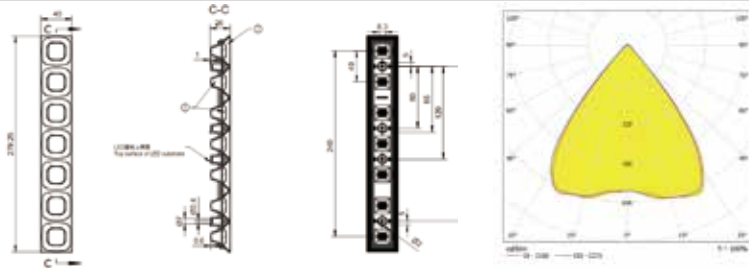
MN	1.01.44225
PN	HK-YHXK-270@23-60-4X3030-#0-1g-7_ASM
Dimension	L270*30*23.09
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.44086)	

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



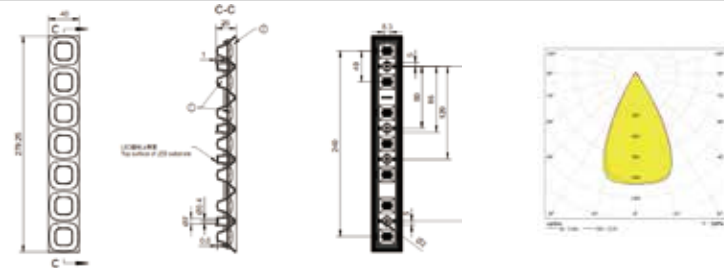
MN	1.01.44268
PN	HK-YHXK-270@23-40-4X3030-#0-1g-7_ASM
Dimension	L270*30*23
LED	3030, 3535
FWHM	40°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.44175)	

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



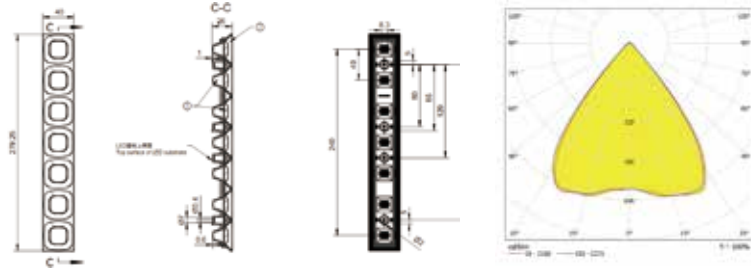
MN	1.01.44047
PN	HK-YHXK-270@21-80-4X3030-#0-1g-7_ASM
Dimension	L270*30*20.77
LED	3030, 3535
FWHM	80°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.44086)	

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



MN	1.01.44225
PN	HK-YHXK-270@23-60-4X3030-#0-1g-7_ASM
Dimension	L270*30*23.09
LED	3030, 3535
FWHM	60°
LENS: PMMA Reflector:Vaccum Aluminum Plating PC	
7 IN 1 Louver (1.07.44175)	

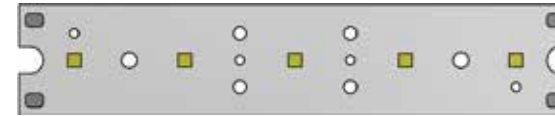
Firefly-Starry-50G-7 IN 1-80



MN	1.01.44047
PN	HK-YHXK-270@21-80-4X3030-#0-1g-7_ASM
Dimension	L270*30*20.77
LED	3030, 3535
FWHM	80°
LENS: PMMA	Reflector: Vacuum Aluminum Plating PC
7 IN 1 Louver (1.07.44175)	

FIREFLY SERIES

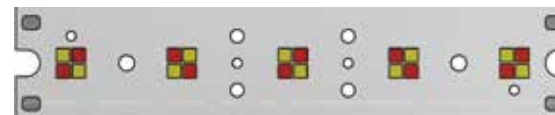
Light Source Arrangement



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



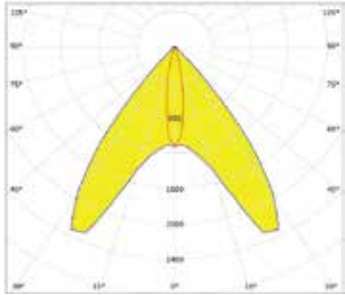
1 X 3838 \ 1 X 3535

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.

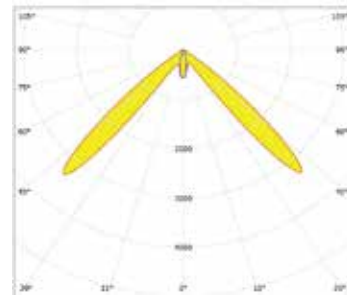
FIREFLY SERIES

Recommended application

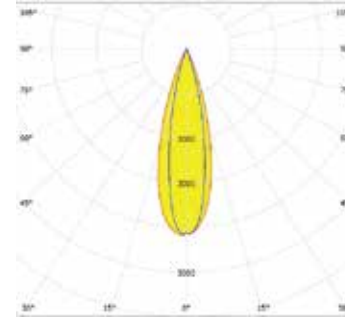
—— Supermarket Shelves
(with double asymmetric film)



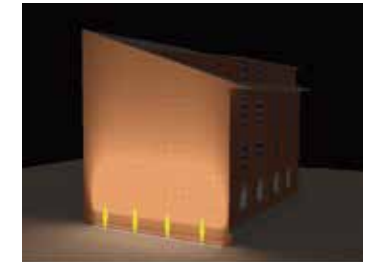
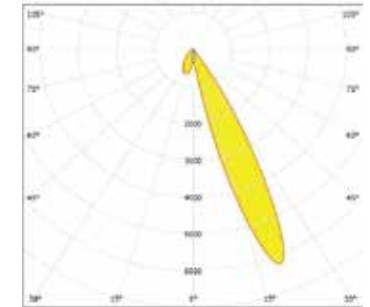
—— Indoor double asymmetric lighting
(with double asymmetric film)



—— Office lighting
20°+30° linear film

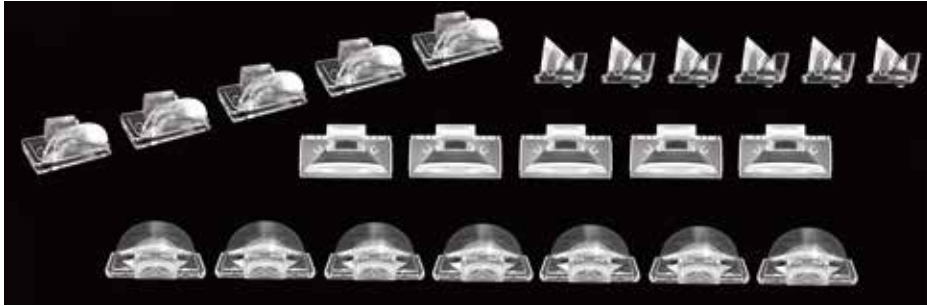


—— Outdoor wall washing lighting
(with single asymmetric)



HIDDEN SERIES

A lens that bends the light.

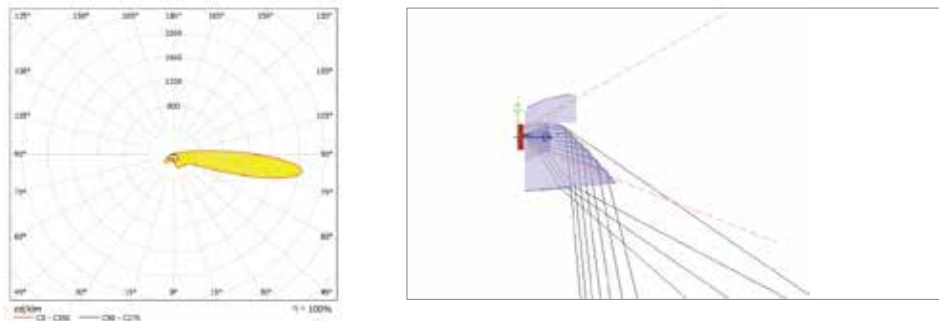


Development Background

What is indirect lighting? Indirect lighting, also known as reflected lighting, refers to the lighting effect in which lamps or light sources do not directly cast light on the object to be illuminated, but are reflected through walls, mirrors or floors. But without exception, the optics of this type of lamps exist through traces of physical obstruction, either through the lamp body itself or the architectural structure.

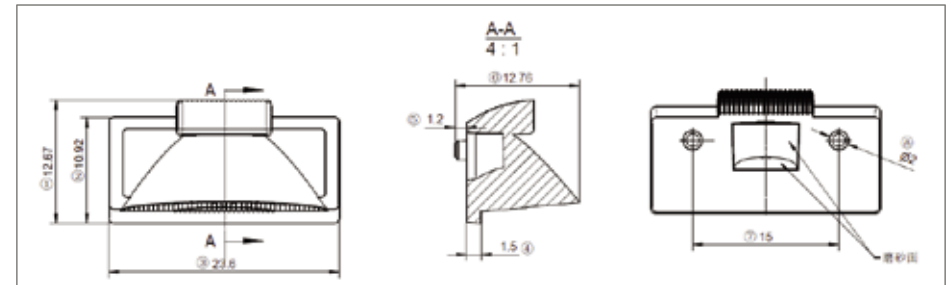
Is there a way to use direct lighting to approach or achieve the requirements for indirect lighting? A lens that deflects most of the light energy so that the direction of light illumination is not in the same direction as the front direction of the LED should be able to solve the problems of illumination distance and glare.

The design uses total reflection to deflect part of the light energy of the LED and emit it, so that the direction of most of the light energy deviates from the direction of the LED surface, thereby achieving indirect lighting.

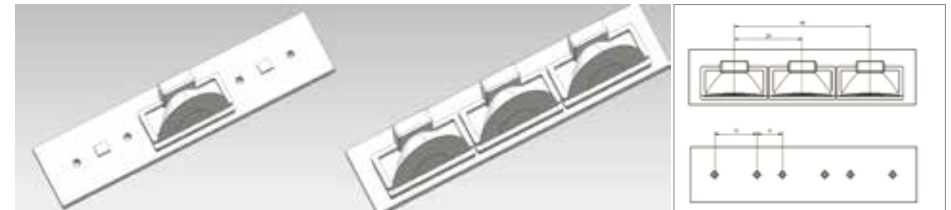


Appearance

The design uses an asymmetric structure, and the appearance is more recognizable.



Assembly instructions



Recommended application

— Washing the curtain



— Washing the floor

