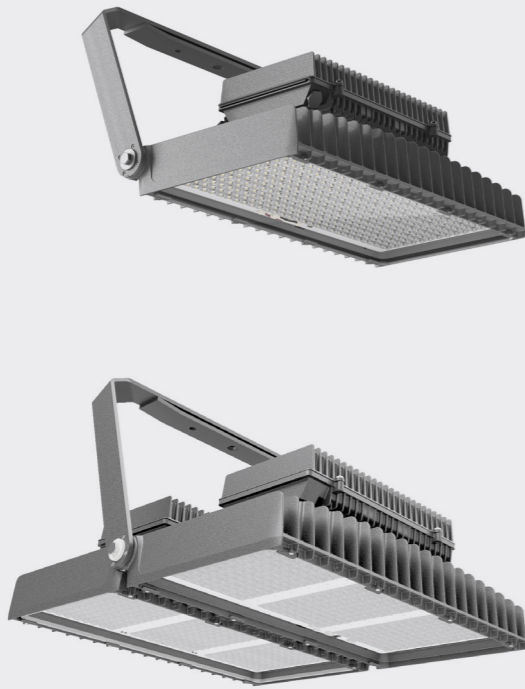
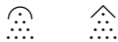


# R-System gen4

## E-Series



BODY OF LIGHT



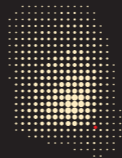
SHAPE OF LIGHT



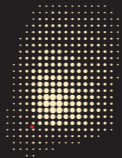
INTELLIGENCE OF LIGHT



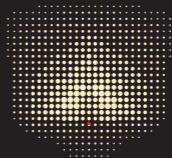
Precision lens optics



EP09-L  
Asymmetric Extra Forward  
Left



EP09-R  
Asymmetric Extra Forward  
Right



EP09-L/R  
Asymmetric Extra Forward  
Left/Right



Control protocols

ON/OFF	
1-10 V	
DALI 2	
Zhaga Book 18	
Line Switch	

Programming options

Stand-alone
CLO      Constant Lumen Output

## A-Series



Precision lens optics



AG01  
Symmetric Narrow 12°



AG02  
Symmetric Medium 27°



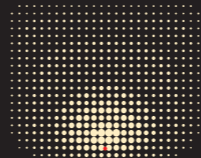
AG03  
Symmetric Flood 48°



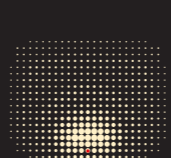
AG04  
Symmetric Elliptical 10°-40°



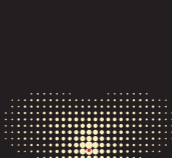
AH02  
Symmetric Wide Flood 60°



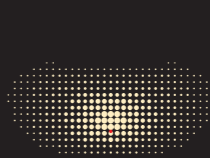
AP05  
Asymmetric Extra Forward



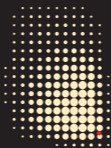
AP07  
Asymmetric Extra Forward



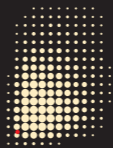
AS07  
Asymmetric Side Throw



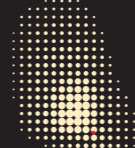
AS08  
Asymmetric Side and Forward Throw



AP04-L  
Asymmetric Extra Forward - Left



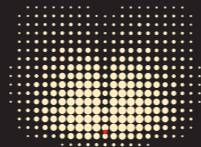
AP04-R  
Asymmetric Extra Forward - Right



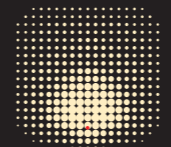
AP10-L  
Asymmetric Extra Forward - Left



AP10-R  
Asymmetric Extra Forward - Right



AP04-LR  
Asymmetric Extra Forward - Right



AP10-L/R  
Asymmetric Extra Forward - Right



AS06  
Asymmetric Extra Side Throw



Control protocols

ON/OFF	
1-10 V	
DALI 2	
Zhaga Book 18	
Line Switch	
DMX-RDM	

Programming options

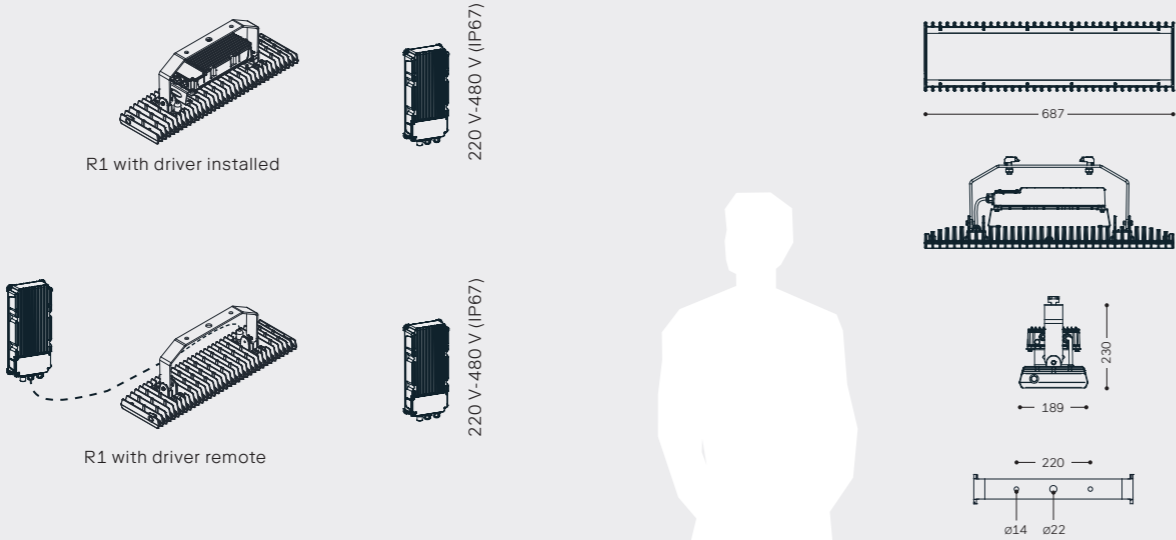
Stand-alone
CLO      Constant Lumen Output

# R-System gen4

## R1 128 LED (A-Series)

Airports,  
Harbor  
Logistics centers  
Sports facilities

- Without powder coating
- RAL 9006/DB 701 White aluminium



### Configurator

CE, RoHS, IP66, IK08, DIN 18032-3

Housing	
Housing material	Aluminum die-cast
Housing finish	without Polyester powder coating (ewoECP only with powder coating upon request*)
Standard finishing color	RAL 9006 White aluminium (other colors on request)
Glass	EGS safety glass
Mounting options	Wall - Over and under cross arms
Fixing	Mounting bracket made of hot-dip galvanised steel, polyester powder coated (RAL 9006)
* ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance	

Electrical	
Protection class	I
Voltage [V], [Hz]	220-480, 50 /60
Current max. [mA]	PMMA: 1,000 mA, PC: 1,200 mA
Power max. [W]	480

Driver	
Control Options	ON, OFF, DALI, DMX
Programming	Stand-alone Constant Lumen Output (CLO)
Control accessories	Further accessories on request

### BODY OF LIGHT



### SHAPE OF LIGHT



### INTELLIGENCE OF LIGHT



A

SERIES

Precision lens optics

AG01

Symmetric Narrow 11°

AG02

Symmetric Medium 26°

AG03

Symmetric Flood 50°

AG04

Symmetric Elliptical 11°- 40°

AH02

Symmetric Wide Flood 60°

AP04-L

Asymmetric Extra Forward – Left

AP04-R

Asymmetric Extra Forward – Right

AS06

Asymmetric Extra Side Throw

AS07

Asymmetric Side Throw

AS08

Asymmetric Side Throw

AP10-L

Asymmetric Extra Forward – Left

AP10-R

Asymmetric Extra Forward – Right

AP05

Asymmetric Extra Forward

AP07

Asymmetric Extra Forward

3,000 K\*

CRI ≥ 70

4,000 K\*

CRI ≥ 70

5,700 K\*

CRI ≥ 70

\* additional light colors and CRI on request

### Measurements

Model	Tilt	①	②	Weight [kg] ③
R1	0°	0.11	0.03	11.0
R1 + FCO	20°	0.19	0.04	12.4
① Projected windage area [m²]				
② Lateral windage area [m²]				
③ Weight with bracket and driver (driver 3.4 kg)				

### Operating conditions

Lifetime	Visit the <a href="#">configurator</a> for specific lifetime options
----------	--

### Performance

Distribution	AG01	AG02	AG03	AG04	AH02	AP04-L	AP04-R	AP04-L/R	AP10-L	AP10-R	AP10-L/R
Beam angle	11°	26°	50°	11°-40°	60°	-	-	-	-	-	-
Full Cut Off (Tilt)	-	-	-	-	-	20°	20°	20°	7°	7°	7°

Distribution	AP05	AP07	AS06	AS07	AS08
Beam angle	-	-	-	-	-
Full Cut Off (Tilt)	7°	-	-	-	-

MacAdam ellipses (SDCM)	≤ 5
Nr. of LEDs	128
Lum. flux max. [lm] (5,700 K)	68,800

### Accessories



Bird Spike Full-Cut-Off visor

R-System gen4

R2 144 LED (E-Series)

Airports,  
Harbor  
Logistics centers  
Sports facilities

- Without powder coating
- RAL 9006/DB 701 White aluminium

R2 with driver installed

R2 with driver mounted on bracket via accessory

R2 with driver remote



230 V (IP20)



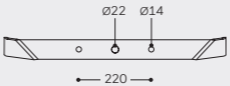
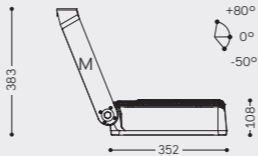
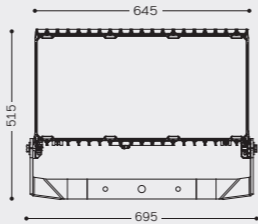
220 V-415 V (IP66)



220 V-415 V (IP66)



230 V (IP20)



Configurator

CE RoHS IP66 IK08

Housing

Housing material	Aluminum die-cast
Housing finish	without Polyester powder coating (ewoECP only with powder coating upon request*)
Standard finishing color	RAL 9006 White aluminium (other colors on request)
Glass	EGS safety glass
Mounting options	Wall - Over and under cross arms
Fixing	Mounting bracket made of hot-dip galvanised steel, polyester powder coated (RAL 9006)

\* ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance

Electrical

E-Series

Protection class	I
Voltage [V], [Hz]	220-415, 50/60
Current max. [mA]	1,850
Power max. [W]	790

Measurements

Model	Tilt	①	②	Weight [kg] ③
R2	0°	0.27	0.07	22.0
R2 + Driver installed	0°	0.27	0.10	28.5
R2 + Driver on bracket	0°	0.27	0.10	30.0
R2 + Driver on bracket + FCO	5°	0.34	0.12	31.5

① Projected windage area [m²]  
② Lateral windage area [m²]  
③ Weight with bracket M

Operating conditions

Lifetime	Visit the <a href="#">configurator</a> for specific lifetime options
----------	--

Driver

Control Options	ON OFF DALI 0-10V DMX	On request Z
Programming	Stand-alone Constant Lumen Output (CLO)	
Control accessories	Further accessories on request	

On request

Z

Further accessories on request

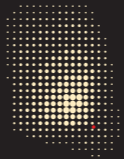
SHAPE OF LIGHT



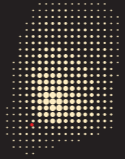
INTELLIGENCE OF LIGHT



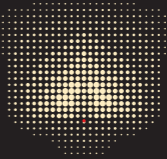
Precision lens optics



EP09-L  
Asymmetric Extra Forward Left



EP09-R  
Asymmetric Extra Forward Right



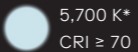
EP09-L/R  
Asymmetric Extra Forward Left/Right



3,000 K\*  
CRI ≥ 70



4,000 K\*  
CRI ≥ 70



5,700 K\*  
CRI ≥ 70

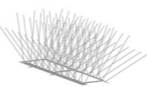
\* additional light colors and CRI on request

Performance

Distribution	EP09-L	EP09-R	EP09-L/R
Beam angle	-	-	-
Full Cut Off (Tilt)	5°	5°	5°

MacAdam ellipses (SDCM)	≤ 5
Nr. of LEDs	144
Lum. flux max. [lm] (5,700 K)	99,500

Accessories



Bird Spike



Full-Cut-Off visor



Backlight shield



Laser Pointer



RedDot



Slide

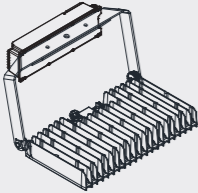
# R-System gen4

## R2 240 LED (A-Series)

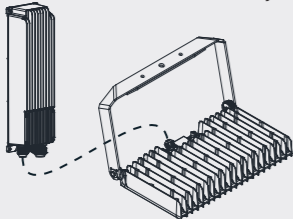
Airports,  
Harbor  
Logistics centers  
Sports facilities

- Without powder coating
- RAL 9006/DB 701 White aluminium

R2 with driver installed



R2 with driver mounted on bracket via accessory



R2 with driver remote



230 V (IP20)



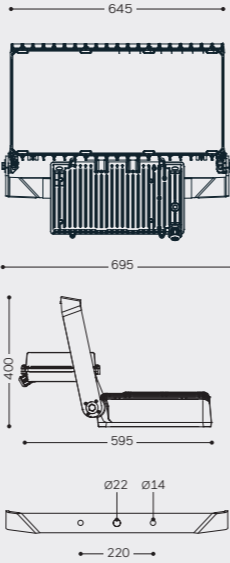
220 V-415 V (IP66)



220 V-415 V (IP66)



230 V (IP20)



### Configurator

CE RoHS IP66 IK08

### Housing

Housing material	Aluminum die-cast
Housing finish	without Polyester powder coating (ewoECP only with powder coating upon request*)
Standard finishing color	RAL 9006 White aluminium (other colors on request)
Glass	EGS safety glass
Mounting options	Wall - Over and under cross arms
Fixing	Mounting bracket made of hot-dip galvanised steel, polyester powder coated (RAL 9006)

\* ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance

### Electrical

A-Series

Protection class	I
Voltage [V], [Hz]	220-415, 50/60
Current max. [mA]	1,200
Power max. [W]	870

### Measurements

Model	Tilt	①	②	Weight [kg] ③
R2	0°	0.27	0.07	22.0
R2 + Driver installed	0°	0.27	0.10	28.5
R2 + Driver on bracket	0°	0.27	0.10	30.0
R2 + Driver on bracket + FCO	10°	0.34	0.12	31.5

① Projected windage area [m²]

② Lateral windage area [m²]

③ Weight with bracket M

### Operating conditions

Lifetime	Visit the <a href="#">configurator</a> for specific lifetime options
----------	--

### Driver

Control Options	ON OFF DALI 1-10V DMX
Programming	Stand-alone Constant Lumen Output (CLO)
Control accessories	Further accessories on request

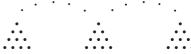
### On request

Z

### SHAPE OF LIGHT

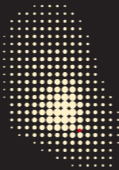


### INTELLIGENCE OF LIGHT



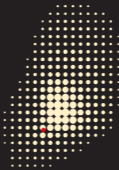
Precision lens optics  
\* also available in satiné version

AG01.2  
Symmetric Narrow 11°



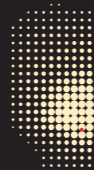
AP10-L  
Asymmetric Extra Forward - Left

AG02.2  
Symmetric Medium 27°



AP10-R  
Asymmetric Extra Forward - Right

AG03.2  
Symmetric Flood 48°



AP10-L/R  
Asymmetric Extra Forward - Right

AG04.2  
Symmetric Elliptical 10°-40°



3,000 K\*  
CRI ≥ 70



4,000 K\*  
CRI ≥ 70



5,700 K\*  
CRI ≥ 70/80/90

\* additional light colors and CRI on request

### Performance

Distribution	AG01.2	AG02.2	AG03.2	AG04.2	AP10-L	AP10-R	AP10-L/R
Beam angle	11°	26°	50°	10°-40°	-	-	-
Full Cut Off (Tilt)	-	-	-	-	10°	10°	10°

MacAdam ellipses (SDCM)	≤ 5
Nr. of LEDs	240
Lum. flux max. [lm] (5,700 K)	125,100

### Accessories



Bird Spike



Full-Cut-Off visor



Laser Pointer



RedDot



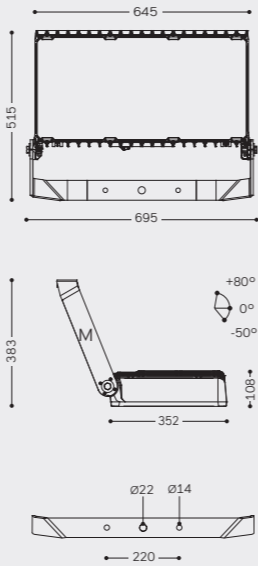
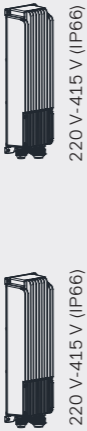
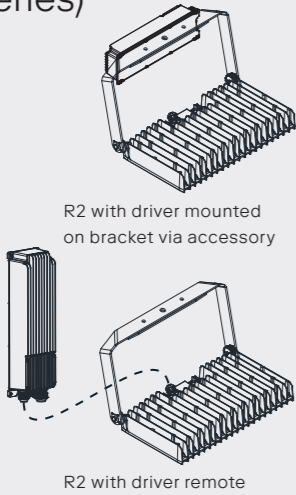
Slide

# R-System gen4

## R2 336 LED (A-Series)

Airports,  
Harbor  
Logistics centers  
Sports facilities

- Without powder coating
- RAL 9006/DB 701 White aluminium



### Configurator

CE RoHS IP66 IK08

### Housing

Housing material	Aluminum die-cast
Housing finish	without Polyester powder coating (ewoECP only with powder coating upon request*)
Standard finishing color	RAL 9006 White aluminium (other colors on request)
Glass	EGS safety glass
Mounting options	Wall - Over and under cross arms
Fixing	Mounting bracket made of hot-dip galvanised steel, polyester powder coated (RAL 9006)

\* ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance

### Electrical

Protection class	I
Voltage [V], [Hz]	220-415, 50/60
Current max. [mA]	1,200
Power max. [W]	1,200

### Driver

Control Options	ON OFF DALI 1-10V DMX
Programming	Stand-alone Constant Lumen Output (CLO)
Control accessories	Further accessories on request

### BODY OF LIGHT



### SHAPE OF LIGHT

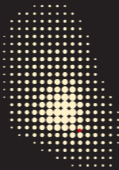


### INTELLIGENCE OF LIGHT



Precision lens optics  
\* also available in satiné version

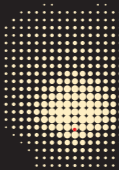
AG01.2  
Symmetric Narrow 12°



AG02.2  
Symmetric Medium 27°



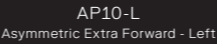
AG03.2  
Symmetric Flood 48°



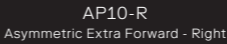
AG04.2  
Symmetric Elliptical 10°-40°



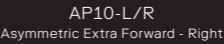
AP10-L  
Asymmetric Extra Forward - Left



AP10-R  
Asymmetric Extra Forward - Right



AP10-L/R  
Asymmetric Extra Forward - Right



3,000 K\*  
CRI ≥ 70

4,000 K\*  
CRI ≥ 70

5,700 K\*  
CRI ≥ 70/80/90

\* additional light colors and CRI on request

### Measurements

Model	Tilt	①	②	Weight [kg] ③
R2	0°	0.27	0.07	22.0
R2 + Driver on bracket	0°	0.27	0.10	30.0
R2 + Driver on bracket + FCO	10°	0.34	0.12	31.5

① Projected windage area [m²]  
② Lateral windage area [m²]  
③ Weight with bracket M

### Operating conditions

Lifetime	Visit the <a href="#">configurator</a> for specific lifetime options
----------	--

### Performance

Distribution	AG01	AG02	AG03	AG04	AP10-L	AP10-R	AP10-L/R
Beam angle	11°	26°	50°	10°-40°	-	-	-
Full Cut Off (Tilt)	-	-	-	-	10°	10°	10°

MacAdam ellipses (SDCM)	≤ 5
Nr. of LEDs	336
Lum. flux max. [lm] (5,700 K)	175,100

### Accessories



Bird Spike



Full-Cut-Off visor



Laser Pointer



RedDot



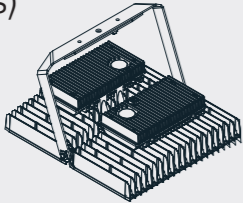
Slide

R-System gen4

R4 288 LED (E-Series)

Airports,  
Harbor  
Logistics centers  
Sports facilities

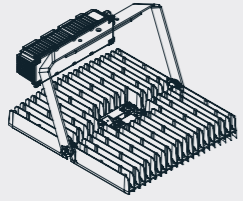
- Without powder coating
- RAL 9006/DB 701 White aluminium



R4 with driver on board



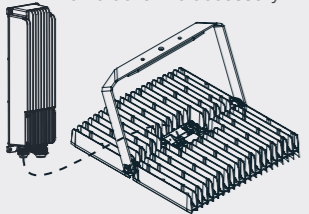
230 V (IP20)



R4 with driver mounted on bracket via accessory



220 V-415 V (IP66)



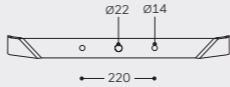
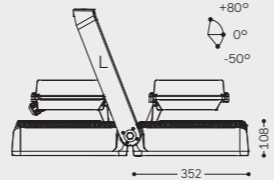
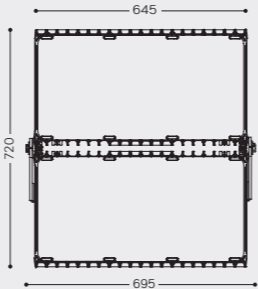
R4 with driver remote



220 V-415 V (IP66)



230 V (IP20)



Configurator

CE RoHS IP66 IK08

Housing

Housing material	Aluminum die-cast
Housing finish	without Polyester powder coating (ewoECP only with powder coating upon request*)
Standard finishing color	RAL 9006 White aluminium (other colors on request)
Glass	EGS safety glass
Mounting options	Wall - Over and under cross arms
Fixing	Mounting bracket made of hot-dip galvanised steel, polyester powder coated (RAL 9006)
* ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance	

Electrical E-Series

Protection class	I
Voltage [V], [Hz]	220-415, 50/60
Current max. [mA]	1,850
Power max. [W]	1,580

Driver

Control Options	ON OFF DALI 1-10V DMX
Programming	Stand-alone Constant Lumen Output (CLO)
Control accessories	Further accessories on request

BODY OF LIGHT



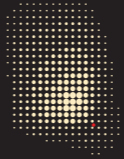
SHAPE OF LIGHT



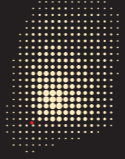
INTELLIGENCE OF LIGHT



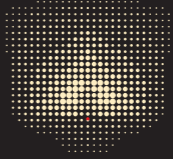
Precision lens optics  
\* also available in satiné version



EP09-L  
Asymmetric Extra Forward Left



EP09-R  
Asymmetric Extra Forward Right



EP09-L/R  
Asymmetric Extra Forward Left/Right



3,000 K\*  
CRI ≥ 70



4,000 K\*  
CRI ≥ 70



5,700 K\*  
CRI ≥ 70

\* additional light colors and CRI on request

Measurements

Model	Tilt	①	②	Weight [kg] ③
R4	0°	0.54	0.14	36.5
R4 + Driver installed	0°	0.54	0.24	50.0
R4 + Driver on bracket	0°	0.54	0.17	44.5
R4 + Driver on bracket + FCO	5°	0.56	0.26	47.5
		① Projected windage area [m²]		
		② Lateral windage area [m²]		
		③ Weight with bracket L		

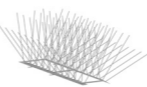
Operating conditions

Lifetime	Visit the <a href="#">configurator</a> for specific lifetime options
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Performance

Distribution	EP09-L	EP09-R	EP09-L/R
Beam angle	-	-	-
Full Cut Off (Tilt)	5°	5°	5°
MacAdam ellipses (SDCM)	≤ 5		
Nr. of LEDs	288		
Lum. flux max. [lm] (5,700 K)	199,000		

Accessories



Bird Spike



Full-Cut-Off visor



Backlight shield



Laser Pointer



RedDot



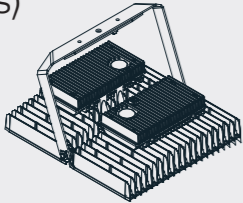
Slide

R-System gen4

R4 480 LED (A-Series)

Airports,  
Harbor  
Logistics centers  
Sports facilities

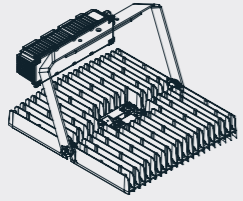
- Without powder coating
- RAL 9006/DB 701 White aluminium



R4 with driver on board



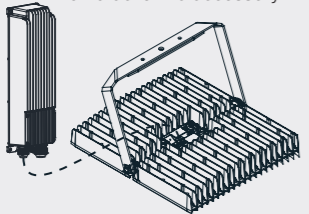
230 V (IP20)



R4 with driver mounted on bracket via accessory



220 V-415 V (IP66)



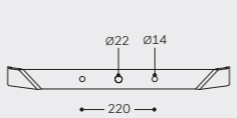
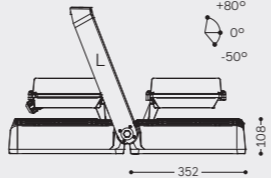
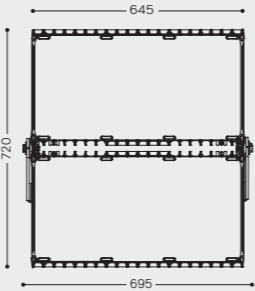
R4 with driver remote



220 V-415 V (IP66)



230 V (IP20)



Configurator

CE, RoHS, IK08, DIN 18032-3

Housing

Housing material	Aluminum die-cast
Housing finish	without Polyester powder coating (ewoECP only with powder coating upon request*)
Standard finishing color	RAL 9006 White aluminium (other colors on request)
Glass	EGS safety glass
Mounting options	Wall - Over and under cross arms
Fixing	Mounting bracket made of hot-dip galvanised steel, polyester powder coated (RAL 9006)

\* ewo three steps process (high quality alloy, pre-treatment, primer) to ensure extreme corrosion resistance

Electrical

A-Series

Protection class	I
Voltage [V], [Hz]	220-415, 50/60
Current max. [mA]	1,200
Power max. [W]	1,740

Measurements

Model	Tilt	①	②	Weight [kg] ③
R4	0°	0.54	0.14	36.5
R4 + Driver installed	0°	0.54	0.24	50.0
R4 + Driver on bracket	0°	0.54	0.17	44.5
R4 + Driver on bracket + FCO	10°	0.56	0.26	47.5

① Projected windage area [m²]  
② Lateral windage area [m²]  
③ Weight with bracket L

Operating conditions

Lifetime	Visit the <a href="#">configurator</a> for specific lifetime options
----------	--

Driver

Control Options	ON, OFF, DALI, 1-10V, DMX
Programming	Stand-alone Constant Lumen Output (CLO)
Control accessories	Further accessories on request

On request



SHAPE OF LIGHT



INTELLIGENCE OF LIGHT



Precision lens optics



AG01  
Symmetric Narrow 12°



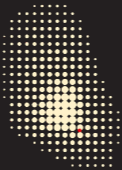
AG02  
Symmetric Medium 27°



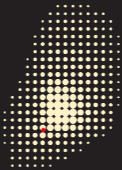
AG03  
Symmetric Flood 48°



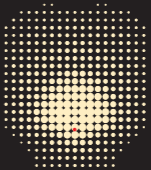
AG04  
Symmetric Elliptical 10°-40°



AP10-L  
Asymmetric Extra Forward - Left



AP10-R  
Asymmetric Extra Forward - Right



AP10-L/R  
Asymmetric Extra Forward - Right



3,000 K\*  
CRI ≥ 70



4,000 K\*  
CRI ≥ 70



5,700 K\*  
CRI ≥ 70/80/90

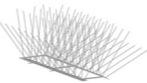
\* additional light colors and CRI on request

Performance

Distribution	AG01	AG02	AG03	AG04	AP10-L	AP10-R	AP10-L/R
Beam angle	11°	26°	50°	10°-40°	-	-	-
Full Cut Off (Tilt)	-	-	-	-	10°	10°	10°

MacAdam ellipses (SDCM)	≤ 5
Nr. of LEDs	480
Lum. flux max. [lm] (5,700 K)	250,200

Accessories



Bird Spike



Full-Cut-Off visor



Laser Pointer



RedDot



Slide

Performance table

Values 5,700 K														B: on bracket R: remote I: installed
Model	LED	Lens	Material	I min [mA]	I max [mA]	Flux min [lm]	Flux max [lm]	Power min [W]	Power max [W]	Eff. min [l/W]	Eff. max [l/W]	Driver input voltage range	Driver IP rate	Driver mounting type
R1	128	AP1604-L	PMMA	500	1,000	29,900	54,000	198	398	151.3	135.7	220V-480V	66	I / R
		AP1604-R	PMMA	500	1,000	29,900	54,000	198	398	151.3	135.7	220V-480V	66	I / R
		AP1604-L/R	PMMA	500	1,000	29,900	54,000	198	398	151.3	135.7	220V-480V	66	I / R
		AP05	PMMA	500	1,000	29,800	53,800	198	398	150.8	135.2	220V-480V	66	I / R
		AP07	PMMA	500	1,000	28,800	52,000	198	398	145.8	130.7	220V-480V	66	I / R
		AH02	PMMA	500	1,000	31,000	56,100	198	398	157.0	140,8	220V-480V	66	I / R
		AS06	PMMA	500	1,000	28,700	51,900	198	398	145.2	130.2	220V-480V	66	I / R
		AS07	PMMA	500	1,000	30,000	54,300	198	398	152.0	136.3	220V-480V	66	I / R
		AS08	PMMA	500	1,000	29,400	53,200	198	398	148.9	133.5	220V-480V	66	I / R
		AG01.2	PC	500	1,200	33,100	68,800	198	480	167.1	143.3	220V-480V	66	I / R
		AG02.2	PC	500	1,200	31,100	64,700	198	480	157.2	134.8	220V-480V	66	I / R
		AG03.2	PC	500	1,200	28,500	59,300	198	480	144.0	123.4	220V-480V	66	I / R
		AG04.2-H	PC	500	1,200	32,000	66,600	198	480	161.8	138.7	220V-480V	66	I / R
		AG04.2-V	PC	500	1,200	32,000	66,600	198	480	161.8	138.7	220V-480V	66	I / R
		AP10-L	PC	500	1,200	29,600	61,700	198	480	149.8	128.4	220V-480V	66	I / R
		AP10-R	PC	500	1,200	29,600	61,700	198	480	149.8	128.4	220V-480V	66	I / R
		AP10-L/R	PC	500	1,200	29,600	61,700	198	480	149.8	128.4	220V-480V	66	I / R
R2	144	EP09-L	PMMA	400	1,850	28,400	99,500	173	790	172.4	129.5	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		EP09-R	PMMA	400	1,850	28,500	99,500	173	790	172.4	129.5	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		EP09-L/R	PMMA	400	1,850	28,500	99,500	173	790	172.4	129.5	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
R2	240	AG01.2	PC	500	1,200	61,600	125,100	350	870	175.9	144.0	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AG02.2	PC	500	1,200	57,900	117,700	350	870	165.5	135.5	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AG03.2	PC	500	1,200	53,000	107,800	350	870	151.6	124.1	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AG04.2-H	PC	500	1,200	59,600	121,100	350	870	170.4	139.5	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AG04.2-V	PC	500	1,200	59,600	121,100	350	870	170.4	139.5	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AP10-L	PC	500	1,200	56,100	113,900	350	870	160.3	131.2	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AP10-R	PC	500	1,200	56,100	113,900	350	870	160.3	131.2	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AP10-L/R	PC	500	1,200	55,000	111,700	350	870	157.2	128.7	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
R2	336	AG01.2	PC	500	1,200	86,200	175,100	490	1,200	175.9	144.0	220V-415V	66	R, B
		AG02.2	PC	500	1,200	81,100	164,700	490	1,200	165.5	135.5	220V-415V	66	R, B
		AG03.2	PC	500	1,200	74,200	150,800	490	1,200	151.6	124.1	220V-415V	66	R, B
		AG04.2-H	PC	500	1,200	83,400	169,500	490	1,200	170.4	139.5	220V-415V	66	R, B
		AG04.2-V	PC	500	1,200	83,400	169,500	490	1,200	170.4	139.5	220V-415V	66	R, B
		AP10-L	PC	500	1,200	78,500	159,500	490	1,200	160,3	131.2	220V-415V	66	R, B
		AP10-R	PC	500	1,200	78,500	159,500	490	1,200	160,3	131.2	220V-415V	66	R, B
		AP10-L/R	PC	500	1,200	77,000	156,500	490	1,200	157.2	128.7	220V-415V	66	R, B
R4	288	EP09-L	PMMA	800	1,850	105,800	199,000	684	1,580	162.2	129.5	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		EP09-R	PMMA	800	1,850	105,800	199,000	684	1,580	162.2	129.5	2220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		EP09-L/R	PMMA	800	1,850	105,800	199,000	684	1,580	162.2	129.5	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
R4	480	AG01.2	PC	500	1,200	123,100	250,200	700	1,740	175.9	144.0	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AG02.2	PC	500	1,200	115,800	235,300	700	1,740	165.5	135.5	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AG03.2	PC	500	1,200	106,100	215,500	700	1,740	151.6	124.1	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AG04.2-H	PC	500	1,200	119,200	242,200	700	1,740	170.4	139.5	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AG04.2-V	PC	500	1,200	119,200	242,200	700	1,740	170.4	139.5	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AP10-L	PC	500	1,200	112,200	227,900	700	1,740	160.3	131.2	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		AP10-R	PC	500	1,200	112,200	227,900	700	1,740	160.3	131.2	220V-240V / 220V-415V	20 / 66	I , R, B / R, B
		A10-L/R	PC	500	1,200	110,000	223,500	700	1,740	157.2	128.7	220V-240V / 220V-415V	20 / 66	I , R, B / R, B