

Projectors



Projector 400
 page 14 | 4



Projector 150
 page 14 | 5

Light Distribution Reflectors



Reflector 100
 page 14 | 10



R1 MINI-S
 page 14 | 6



R1 MINI Aluminium
 page 14 | 7



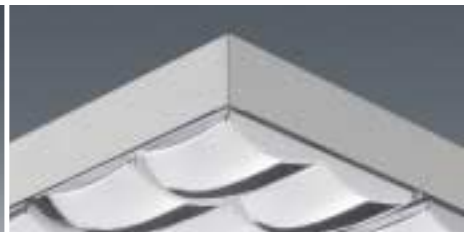
Reflector 5NW135
 page 14 | 11



R2 MAXI
 page 14 | 8



SiSTAR MAXI
 page 14 | 9



SiSTAR Reflector
 page 14 | 12

Siteco Mirrortec® Combinations



Projectors and Light Distribution Reflectors:
 Application Areas
 page 14 | 13

Siteco Mirrortec® Complete Systems



Decorative Outdoor Luminaires
 chapter 10



Siteco Mirrortec® Projector 400

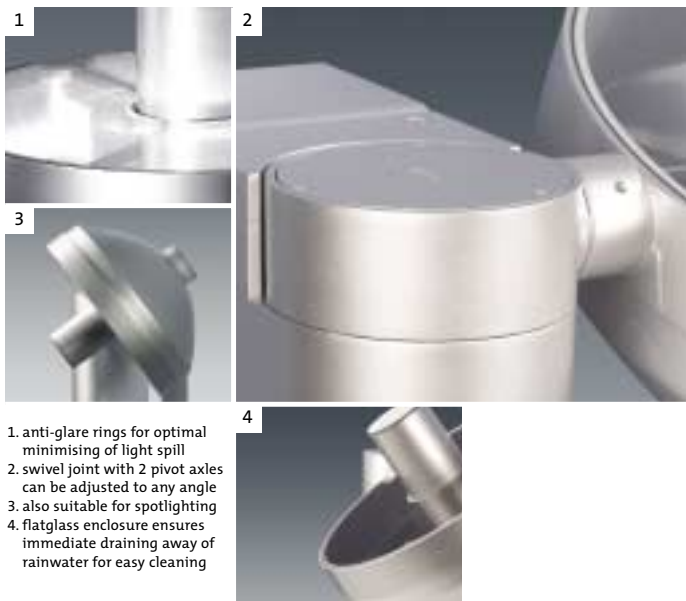
features

Siteco Mirrortec® Projector 400 for secondary reflector systems and for accent lighting | patented lighting technology with inverted mounting position, choice of narrow or wide beam distribution, with cover of toughened safety glass | with integrated control gear with parallel p.f. correction and ignitor | diecast aluminium metallic grey (RAL 9006) housing, specular reflector of plated, anodised aluminium

application area: indoors or outdoors
 recommended distance from projector to reflector: 2-12m
 protection rating: IP65
 protection class: I

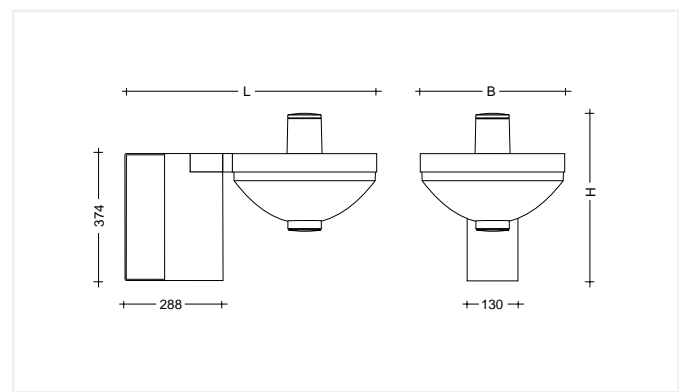
benefits

- patented lighting technology specially developed for secondary reflector systems
- projector head horizontally and vertically rotational
- high level of uniformity on reflector with minimal light spill
- inverse mounting position
- compact design
- relamping without tools



1. anti-glare rings for optimal minimising of light spill
2. swivel joint with 2 pivot axles can be adjusted to any angle
3. also suitable for spotlighting
4. flatglass enclosure ensures immediate draining away of rainwater for easy cleaning

Order No.	Lamps (W)	L x B x H (mm)	Weight (kg)
Siteco-Mirrortec® Projector 400, parallel beam			
5NW 414 2-1RG1	1xHIT 250W	743 427 494	18,0
5NW 414 2-1TG1	1xHIT 400W	743 427 494	18,0
Siteco-Mirrortec® Projector 400, wide beam			
5NW 414 2-1RS2	1xHIT 250W	743 427 494	18,0
5NW 414 2-1TS2	1xHIT 400W	743 427 494	18,0



suitable light distribution reflectors



Reflector 100 14 | 10

5NW 135 14 | 11

SSTAR 14 | 12



Siteco Mirrortec® Projector 150

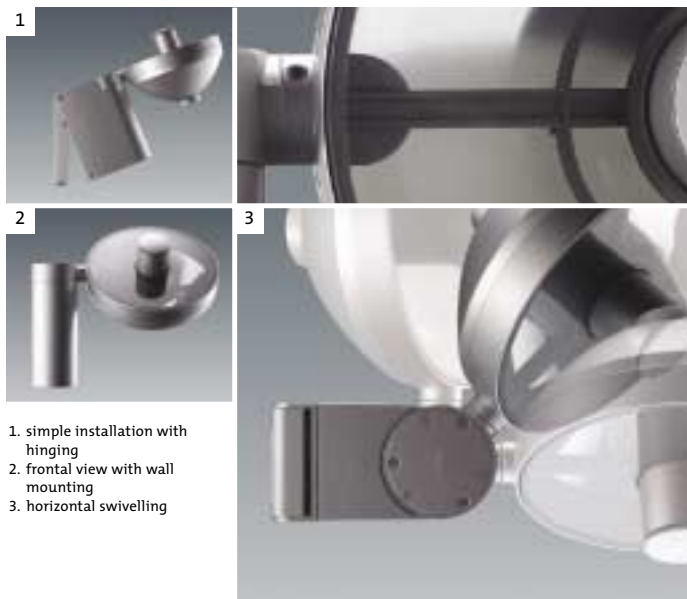
features

Siteco Mirrortec® Projector 150 for secondary reflector systems and for spotlighting | patented lighting technology with inverted mounting position, choice of narrow or parallel beam distribution, with cover of toughened safety glass | with integrated control gear or HFG, with parallel p.f. correction and ignitor | diecast aluminium metallic grey (RAL 9006) housing, specular reflector of plated, anodised aluminium, matt exterior

application area: indoors or outdoors
recommended distance from projector to reflector: 1-6m
protection rating: IP65
protection class: I

benefits

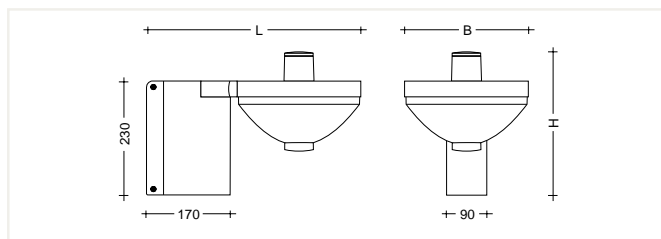
- patented lighting technology specially developed for secondary reflector systems
- projector head horizontally and vertically rotational
- high level of uniformity on the reflector with minimal light spill
- simple mounting with hinging
- inverse mounting position
- compact design
- relamping without tools



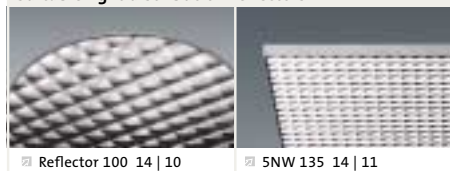
1. simple installation with hinging
2. frontal view with wall mounting
3. horizontal swivelling

Order No.	Lamps (W)	L x B x H (mm)	Weight (kg)
Siteco-Mirrortec® Projector 150, parallel beam			
5NW 412 2-1MG1	1xHIT 70W ²⁾	433 250 289	5.2
5NW 412 7-1MG1	1xHIT 70W ²⁾	433 250 289	4.7
5NW 412 2-1P61	1xHIT 150W ²⁾	433 250 289	5.2
5NW 412 7-1P61	1xHIT 150W ²⁾	433 250 289	4.2
Siteco-Mirrortec® Projector 150, wide beam			
5NW 412 2-1MS2	1xHIT 70W ²⁾	433 250 289	5.2
5NW 412 7-1MS2	1xHIT 70W ²⁾	433 250 289	4.7
5NW 412 2-1PS2	1xHIT 150W ²⁾	433 250 289	5.2
5NW 412 7-1PS2	1xHIT 150W ²⁾	433 250 289	4.7

- 1) with HFG
- 2) with built-in control gear (with p.f. correction)



suitable light distribution reflectors





SiCOMPACT R1 MINI-S

features

SiCOMPACT R1 MINI-S projector with aluminium narrow beam specular reflector | with flat cover of toughened safety glass | integrated control gear with parallel p.f. correction and ignitor | diecast aluminium housing in Siteco grey metallic (DB702S) or pure white (RAL 9010)*

application area: indoors or outdoors
 recommended distance from projector to reflector: 1-6m
 protection rating: IP65
 protection class: I

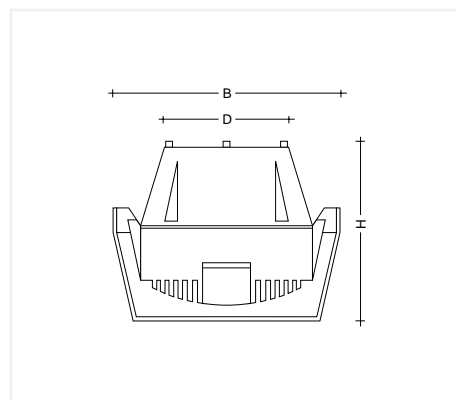
benefits

- horizontally and vertically adjustable
- powder-coated supporting structure and projector head
- all electrical components integrated inside housing
- ideal for short projector-reflector distances
- high efficiency with compact design
- coloured diffusers available as accessories

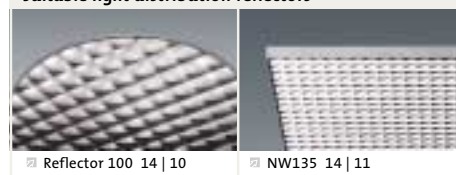


1. rear view
2. with mounted visor
3. accessory set: visor with mounting elements
4. colour illumination with discs (as accessories)
5. coloured discs as standard in blue, green, red and yellow

Order No.	Lamps (W)	D x H x B (mm)	Weight (kg)
SiCOMPACT R1 MINI-S			
5NX 722 E-1HB08	1xHIT-CE 35W	165 222 264	4.6
5NX 722 E-1MB08	1xHIT-CE 70W	165 222 264	4.9



suitable light distribution reflectors



☑ Reflector 100 14 | 10

☑ NW135 14 | 11

* the luminaires are also available in pure white (RAL 9010) as standard (see appendix for order no.)

reference

☑ accessories 13 | 16



SiCOMPACT R1 MINI-Aluminium

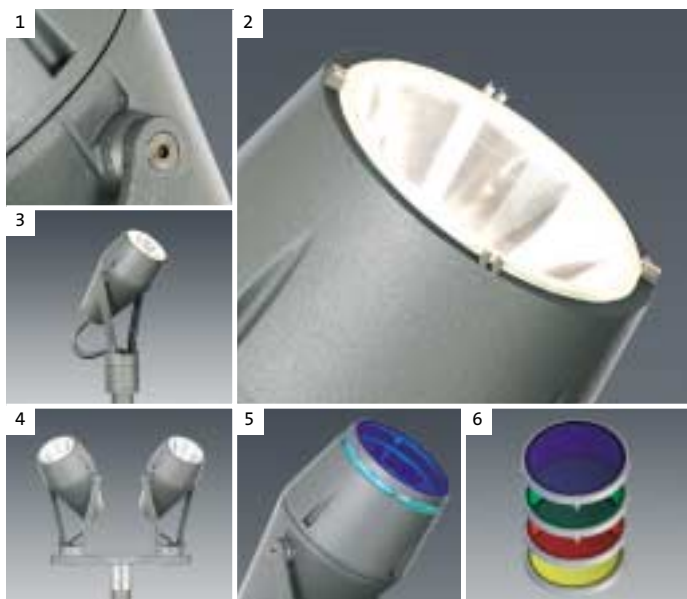
features

SiCOMPACT R1 MINI Aluminium projector with aluminium narrow beam specular reflector | with flat cover of toughened safety glass | integrated control gear with parallel p.f. correction and ignitor | diecast aluminium housing and supporting structure in Siteco grey metallic (DB7025) or pure white (RAL 9010)*

application area: indoors or outdoors
recommended distance from projector to reflector: 1-4m
protection rating: IP65
protection class: I

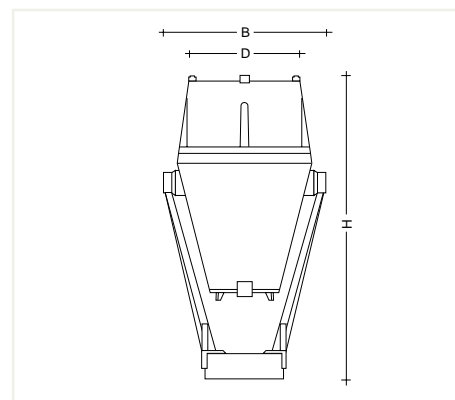
benefits

- horizontally and vertically adjustable
- powder-coated supporting structure and projector head
- all electrical components integrated inside housing
- ideal for short projector-reflector distances
- high efficiency with compact design
- coloured diffusers available as accessories

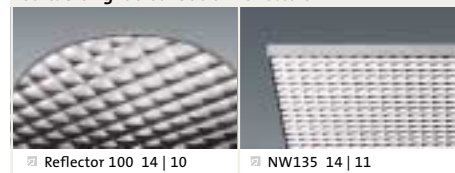


1. detail of bracket mounting with vertical tilting
2. specular aluminium reflector
3. post-top mounting
4. mounting on double cross-arm
4. colour illumination with colour diffusers as accessories
5. colour diffusers available as standard in blue, green, red and yellow

Order No.	Lamping (W)	D x H x B (mm)	Weight (kg)
SiCOMPACT R1 MINI Aluminium			
5NX 724 E-1MB08	1xHIT-CE 70W	168 450 236	5.9
5NX 724 E-1PB08	1xHIT-CE 150W	168 450 236	5.9



suitable light distribution reflectors



reference

- accessories 13 | 16

* the luminaires are also available in pure white (RAL 9010) as standard (see appendix for order no.)



SiCOMPACT R2 MAXI

features

SiCOMPACT R2 MAXI projector with aluminium reflector, narrow or very narrow beam with ceramic glass cover | with integrated ignitor (without control gear) | diecast aluminium housing, platinum grey (RAL 7036), plated and anodised specular reflector, matt exterior, steel supporting structure, galvanised

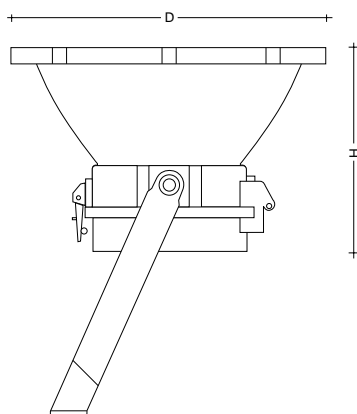
application area: indoors or outdoors
 recommended distance from projector to reflector: 4-12m
 protection rating: IP65
 protection class: I

benefits

- industrial appearance
- temperature-resistant enclosure of ceramic glass
- relamping without tools
- excellent price-performance ratio
- vibration-cushioned mounting bracket
- variation available with instant hot re-ignition



1. ceramic glass cover
2. toolless opening of housing
3. tubular anti-dazzle hood for minimising lateral light output



Order No.	Lamps (W)	D x H (mm)	Weight (kg)
R2 MAXI mit side-mounted lamp, with ignitor ¹⁾			
5NA 726 0-1VS11C	1xHIT-DE 1000W/D/S	491 363	10.0
5NA 726 0-1WS11C	1xHIT-DE 2000W/D/S	491 363	10.0
with ignitor for instant hot re-ignition ¹⁾			
5NA 726 7-1WS11C	1xHIT-DE 1000W/2000W/D/S	491 548	14.5

1) please order control gear separately

Control Gear

Order No.	for Lamps (W)	Mains Power (V)	Weight (kg)
control gear unit with fuse, IP54			
5NA 759 2-1VK0	1xHIT-DE 1000W/D/S	230 / 240	9.5
5NA 759 2-1VK10	1xHIT-DE 2000W/D/S	380 / 400	10.3
control gear unit without fuse, IP54			
5NA 759 2-1VR0	1xHIT-DE 1000W/D/S	230 / 240	11.7
5NA 759 2-1VR10	1xHIT-DE 2000W/D/S	380 / 400	19.2

suitable light distribution reflectors



☞ SISTAR page 14 | 12

☞ SISTAR page 14 | 12



SiSTAR MAXI

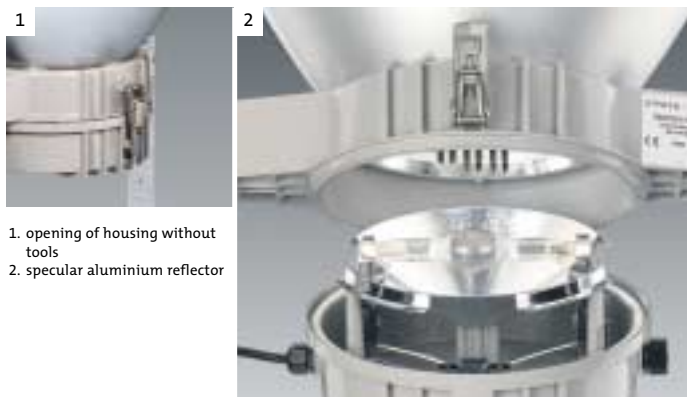
features

SiSTAR projector with aluminium reflector, very narrow or very wide beam distribution with additional inner baffle ring, with ceramic glass cover | with integrated ignitor (without control gear) | diecast aluminium housing, platinum grey (RAL 7036), plated and anodised specular reflector, matt exterior, steel supporting structure, galvanised

application area: indoors or outdoors
recommended distance from projector to reflector: 5-15m
protection rating: IP55
protection class: I

benefits

- optimised for large-scale systems outdoors
- enclosure of plane, temperature-resistant ceramic glass
- choice of inner baffle ring for minimising light spill
- relamping without tools
- excellent price-performance ratio
- vibration-cushioned mounting bracket
- variation available with instant hot re-ignition



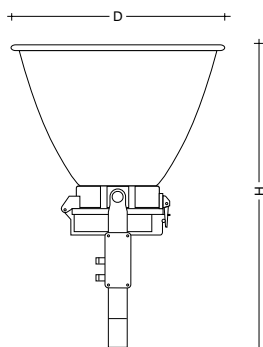
1. opening of housing without tools
2. specular aluminium reflector

Order No.	Lamps (W)	D x H (mm)	Weight (kg)
SiSTAR MAXI with ignitor ¹⁾ and built-in ring baffle			
5NA 726 0-1VB01	1xHIT-DE 1000W/D/S	619 860	13.5
5NA 726 0-1WB01	1xHIT-DE 2000W/D/S	619 860	13.5
without ring baffle			
5NA 726 0-1VF01	1xHIT-DE 1000W/D/S	619 860	12.5
5NA 726 0-1WF01	1xHIT-DE 2000W/D/S	619 860	12.5
with ignitor for instant hot re-ignition ¹⁾ and built-in ring baffle			
5NA 726 7-1WB01	1xHIT-DE 1000W/2000W/D/S	619 860	18.0
without ring baffle			
5NA 726 7-1WF01	1xHIT-DE 1000W/2000W/D/S	619 860	17.0

1) please order control gear separately

Control Gear

Order No.	for Lamps (W)	Mains Power (V)	Weight (kg)
control gear unit with fuse, IP54			
5NA 759 2-1VK0	1xHIT-DE 1000W/D/S	230 / 240	9.5
5NA 759 2-1VK10	1xHIT-DE 2000W/D/S	380 / 400	10.3
control gear unit without fuse, IP54			
5NA 759 2-1VR0	1xHIT-DE 1000W/D/S	230 / 240	11.7
5NA 759 2-1VR10	1xHIT-DE 2000W/D/S	380 / 400	19.2



suitable light distribution reflectors



SiSTAR page 14 | 12

SiSTAR page 14 | 12



Siteco Mirrortec® Reflector 100

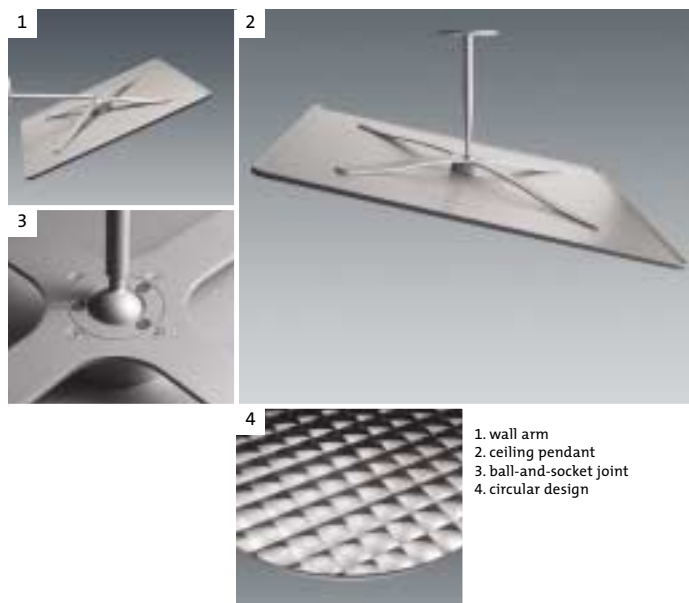
features

Siteco Mirrortec® Reflector 100 ultra-flat light distribution reflector, Fresnel technology with symmetrical light distribution | 100 x 100mm Fresnel facets with smooth front, aluminium panel with inner honeycomb structure as base-plate with sectional aluminium frame

application area: indoors
recommended mounting height: 5-15m
(inc. ball-and-socket joint pendant)

benefits

- a world's first: the flattest ever facet reflector with Fresnel technology
- excellent optical characteristics: a stunning appearance with superior light point resolution | defined beam area
- high-grade design, the design language of the Siteco Mirrortec Projector being extended to its essential parts | minimal height with facets giving effect of depth
- simpler mounting with reduced weight
- easy cleaning with washable, smooth front



1. wall arm
2. ceiling pendant
3. ball-and-socket joint
4. circular design

Order No.	recomm. distance proj. to reflector (m)	square L x B (mm)	circular D (mm)	Weight (kg)
Siteco Mirrortec® Reflector 100, square with ceiling pendant				
5NW 139 9-1QA	1.5 - 4.0	600 600	600	4.5
5NW 139 9-1QB	3.0 - 6.0	900 900	900	9.8
5NW 139 9-1QC	5.0 - 9.0	1200 1200	1200	13.0
with wall arm				
5NW 139 9-2QA	1.5 - 4.0	600 600	600	5.0
5NW 139 9-2QB	3.0 - 6.0	900 900	900	10.2
5NW 139 9-2QC	5.0 - 9.0	1200 1200	1200	13.5
with complete wire mounting				
5NW 139 9-3QA	1.5 - 4.0	600 600	600	3.0
5NW 139 9-3QB	3.0 - 6.0	900 900	900	6.3
5NW 139 9-3QC	5.0 - 9.0	1200 1200	1200	8.7
prepared for wall and mast mounting				
5NW 149 9-0QA	1.5 - 4.0	600 600	600	3.0
5NW 149 9-0QB	3.0 - 6.0	900 900	900	6.3
5NW 149 9-0QC	5.0 - 9.0	1200 1200	1200	8.7

■ order numbers are for the square design.
For ordering of circular design, please substitute the bold-printed 'Q' with a 'K'



suitable projectors



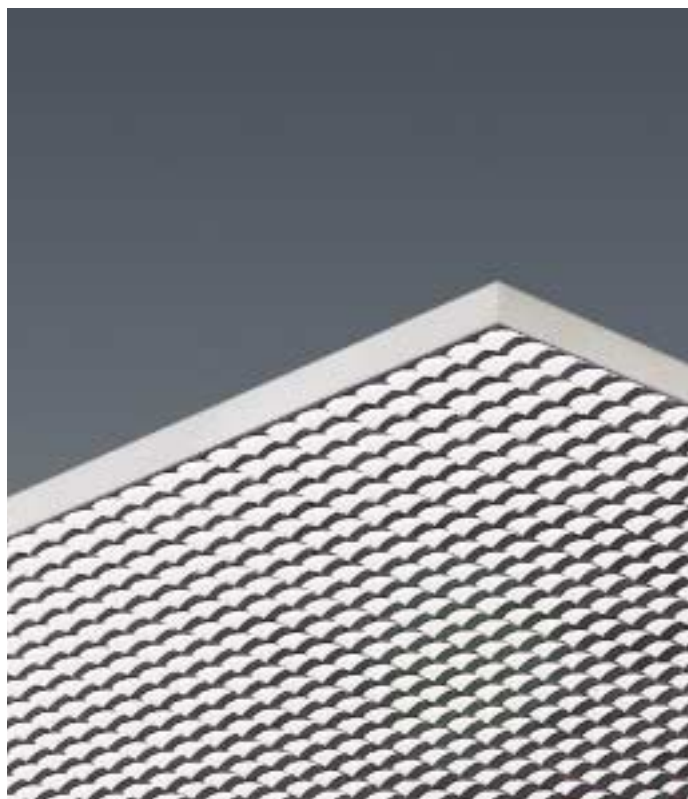
Projector 400 14 | 4

Projector 150 14 | 5

R1 MINI-S 14 | 6

R1 MINI Aluminium 14 | 7

R2 MAXI 14 | 8



5NW135 Reflector

features

5NW135 light distribution reflector, concave free-form specular facets for asymmetrical light distribution | specular reflector facets of aluminized rigid polymer material, 20 x 20mm, stainless steel baseplate with wide aluminium frame, 3mm thick

application area: indoors
recommended mounting height: 2.5-7.0m

benefits

- optimal light distribution reflector for recessed mounting and low mounting heights
- asymmetrical beam free-form facets for high uniformity within the illuminated area
- highly reflective aluminized concave reflector facets are mounted individually upon steel baseplate



Order No.	recomm. distance proj. to reflector (m)	L x B x H (mm)	Weight (kg)
5NW135 light distribution reflector			
5NW 135 9-0QA1	1.0 - 12.0	602 602 20	10.6

Mounting Accessories

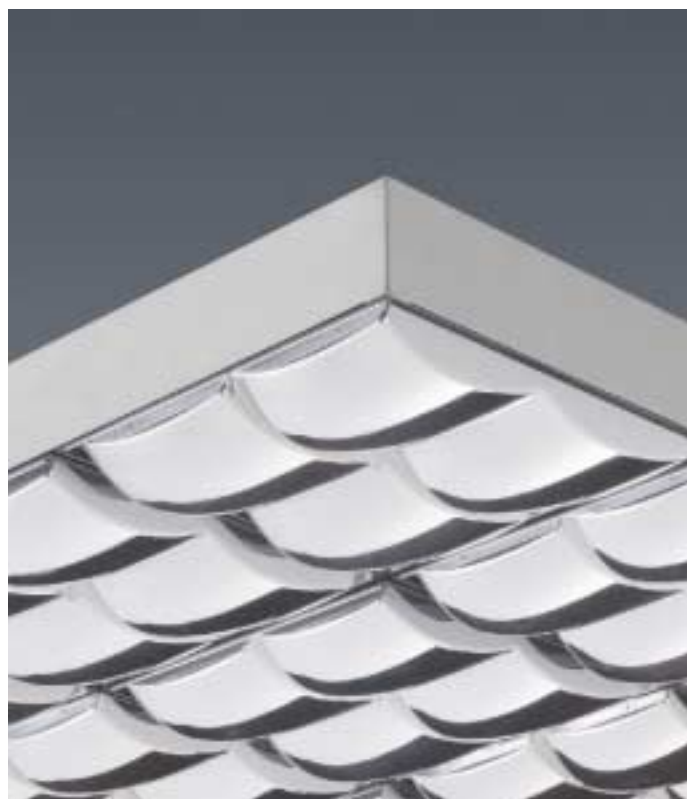
Order No.	Type	maximum load capacity (kg)
5NW 912 1-0AA	ball-and-socket pendant	15.0
5NW 912 1-0BA	wall arm	15.0
5NW 912 2-0A	wire suspension	25.0



1. ball-and socket pendant
2. wire suspension

suitable projectors





SiSTAR Reflector, interior

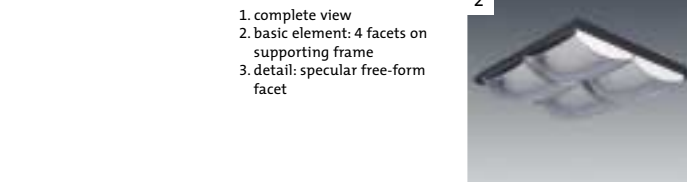
features

SiSTAR light distribution reflector, convex free-form specular facets for asymmetrical light distribution | aluminized reflector facets of rigid polymer material, aluminium reflector elements have 4 facets of 200 x 200mm each, combined to form light distribution reflector | rigid supporting system for multiple reflector elements of alloyed aluminium

application area: indoors
 custom versions for outdoor use
 recommended mounting height: 5-50m

benefits

- ideal light distribution reflector for the illumination of large areas, for both indoors and outdoors
- free-form facets guarantee a high level of uniformity in the illuminated area
- the dispersity of light results in glare reduction with mounting heights between 5-30m
- long life with protected corrosion-proofed reflector surface
- extensive mounting accessories available



1. complete view
 2. basic element: 4 facets on supporting frame
 3. detail: specular free-form facet

Order No.	recomm. distance proj. to reflector (m)	L x B x H (mm)			Weight (kg)
<i>SiSTAR light distribution reflector</i>					
5NW 726 4-0QA	2 - 4	844	852	107	21.0
5NW 726 4-0QB	3 - 6	1262	1275	107	42.0
5NW 726 4-0QC	4 - 10	1680	1698	107	69.0
5NW 726 4-0QD	5 - 15	2098	2120	107	103.0

Mounting Accessories

Order No.	Type
5NW 926 4-0A	wire suspension
5NW 926 4-0B	wall arm
5NW 926 4-0C	chlorine-resistant pendants
<i>pillar connection</i>	
5NW 926 4-0D1	for 5NW 726 4-0-QA and QC pillar diameter 100-200mm
5NW 926 4-0D2	for 5NW 726 4-0-QA and QC pillar diameter 200-300mm
5NW 926 4-0D3	for 5NW 726 4-0-QB and QD pillar diameter 100-200mm
5NW 926 4-0D4	for 5NW 726 4-0-QB and QD pillar diameter 200-300mm
<i>connecting element</i>	
5NW 926 4-0V	connector, for 2 SiSTAR light distribution reflectors having same size

□ maximum load capacity per mounting accessory 120kg (it is essential to follow installation instructions)

suitable projectors

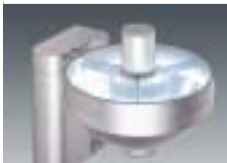


Projector 400 14 | 4

R2 MAXI 14 | 8

SiSTAR MAXI 14 | 9

Combinations of Siteco Mirrortec® Projectors and Light Distribution Reflectors

Combinations and Recommended Distances Between Projector and Reflector	Recommended Mounting Height of Light Distribution Reflector		
	2,5 - 7 m	5 - 15 m	5 - 50 m
			
Reflector 5NW135	Siteco Mirrortec® Reflector 100	SISTAR Reflector	
 SICOMPACT R1 MINI Aluminium	1 - 4m	1 - 4m	
 SICOMPACT R1 MINI-S	1 - 6m	1 - 6m	
 Siteco Mirrortec® Spotlight 150	1 - 6m	1 - 6m	
 Siteco Mirrortec® Spotlight 400	2 - 12m	2 - 12m	2 - 12m
 SICOMPACT R2 MAXI		4 - 12m	4 - 12m
 SISTAR MAXI		5 - 15m	5 - 15m

Because of the flexibility of the Siteco Mirrortec® technology, combinations in addition to those listed are possible for custom solutions. These systems are often the only possibility to achieve a glare-free illumination with especially large-area lighting of airport aprons. In numerous projects worldwide, Siteco has already shown its technological advantage and know-how.

More information at: www.siteco.net

