



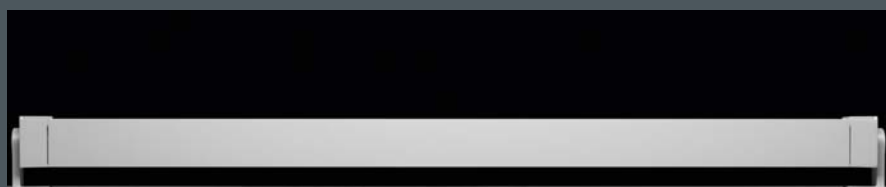
Ecoline is a luminaire series with wall washer, asymmetric or wide beam light distribution and comes in various different lengths. In addition to stand alone luminaires, there is also a modular system for creating continuous lines with hardly any shadow between the modules. A combination of innovative light sources and precise optical systems brought together to form an economical and low-maintenance lighting system.

Despite having integral control gear, the cross section of these luminaires is extremely small. This enables them to be used very discretely in any architectural situation.





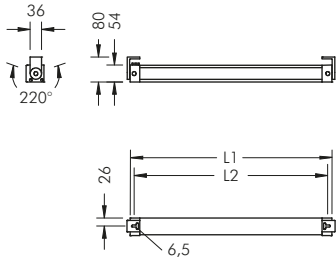
Design: Roy Fleetwood




Luminaires with wall washer optics are extremely wide beam in the horizontal plane and narrow beam in the vertical plane.



TownFence® Werbebanner, Munich/Germany
TownTalker Media AG, Cologne



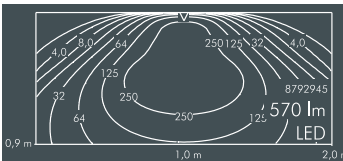
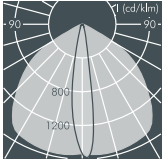
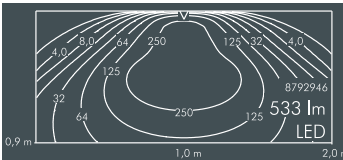
**Ecoline
wall washer**

With high performance LEDs,
integral temperature monitoring device,
CRI: > 80, Colour tolerance: max. 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 , IK10
housing made of extruded aluminium and
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
polycarbonate cover, silicon gasket,
closure by 2 stainless steel screws,
mounting flanges: 2 drilled holes Ø 6.5 mm,
spacing L2, tilt range 220°, M20 cable gland,
integral driver (AC/DC)

Ecoline, wall washer, L1 = 362 mm, L2 = 315 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 792 946 009	black	3 x LED 2.5 W warm white (3000 K)	533 lm	12°	108°
8 792 966 009	white				
8 792 956 009	silver grey				

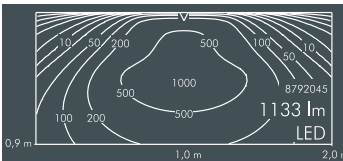
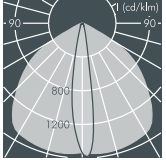
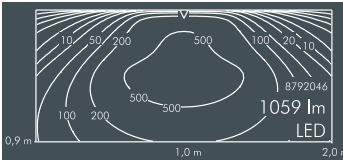
Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 792 945 009	black	3 x LED 2.5 W neutral white (4000 K)	570 lm	12°	108°
8 792 965 009	white				
8 792 955 009	silver grey				



Ecoline, wall washer, L1 = 662 mm, L2 = 615 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 792 046 009	black	6 x LED 2.5 W warm white (3000 K)	1059 lm	12°	108°
8 792 066 009	white				
8 792 056 009	silver grey				

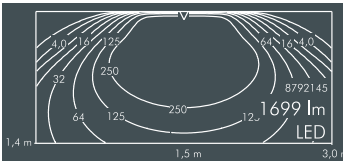
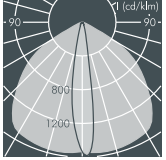
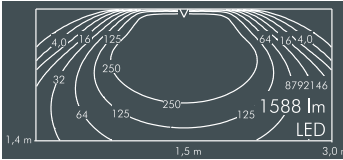
Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 792 045 009	black	6 x LED 2.5 W neutral white (4000 K)	1133 lm	12°	108°
8 792 065 009	white				
8 792 055 009	silver grey				



Ecoline, wall washer, L1 = 962 mm, L2 = 915 mm


Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 792 146 009	black	9 x LED 2.5 W warm white (3000 K)	1588 lm	12°	108°
8 792 166 009	white				
8 792 156 009	silver grey				

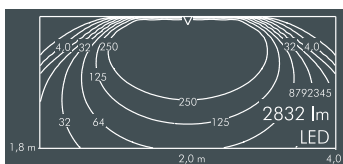
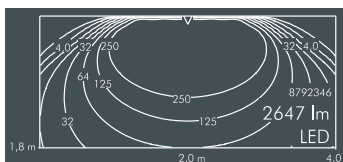
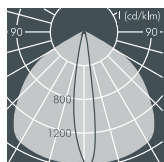
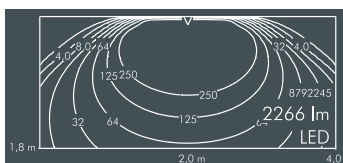
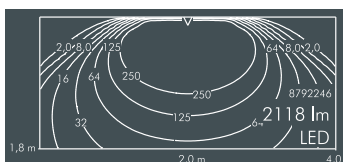
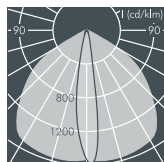
Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 792 145 009	black	9 x LED 2.5 W neutral white (4000 K)	1699 lm	12°	108°
8 792 165 009	white				
8 792 155 009	silver grey				



Part number**	Description
. 1..	Dimmable luminaire (DALI)*
. 2..	Dimmable luminaire (1-10 V)*

*Not available for luminaire L1 = 362 mm
**Luminaires with two cable glands available upon request

LED (see page 185)
Luminaires available in 2700 K and other colour temperatures on request
   



Ecoline, wall washer, L1 = 1262 mm, L2 = 1215 mm

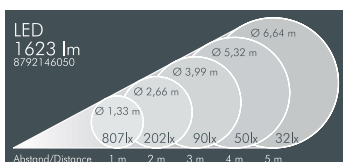
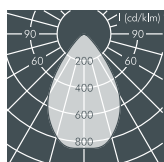
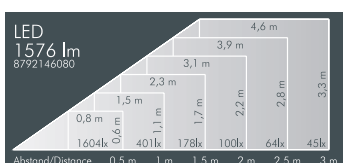
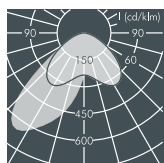
Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 792 246 009	black	12 x LED 2.5 W warm white (3000 K)	2118 lm	12°	108°
8 792 266 009	white				
8 792 256 009	silver grey				

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 792 245 009	black	12 x LED 2.5 W neutral white (4000 K)	2266 lm	12°	108°
8 792 265 009	white				
8 792 255 009	silver grey				

Ecoline, wall washer, L1 = 1562 mm, L2 = 1515 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 792 346 009	black	15 x LED 2.5 W warm white (3000 K)	2647 lm	12°	108°
8 792 366 009	white				
8 792 356 009	silver grey				

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 792 345 009	black	15 x LED 2.5 W neutral white (4000 K)	2832 lm	12°	108°
8 792 365 009	white				
8 792 355 009	silver grey				



Ecoline, asymmetrical beam**

Part number	Description
. 8.	Luminaires with asymmetrical distribution

**The luminaires are available in 5 different lengths.

Ecoline, asymmetrical beam, L1 = 962 mm, L2 = 915 mm

Part number	Colour	Light source	Luminous flux	Main beam angle γ
8 792 146 089	black	9 x LED 2.5 W warm white (3000 K)	1576 lm	36°
8 792 166 089	white			
8 792 156 089	silver grey			

Ecoline, wide beam**

Part number	Description
. 5.	Luminaires with wide beam distribution

**The luminaires are available in 5 different lengths.

Ecoline, wide beam, L1 = 962 mm, L2 = 915 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)
8 792 146 059	black	9 x LED 2.5 W warm white (3000 K)	1623 lm	67°
8 792 166 059	white			
8 792 156 059	silver grey			

Part number **	Description
. 1..	Dimmable luminaire (DALI)*
. 2..	Dimmable luminaire (1-10 V)*

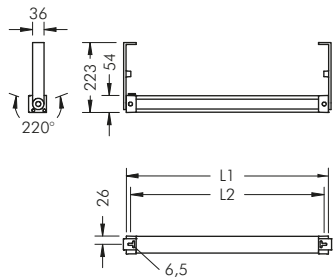
*Not available for luminaire L1 = 362 mm

**Luminaires with two cable glands available upon request


LED (see page 185)

Luminaires available in 2700 K and other colour temperatures on request





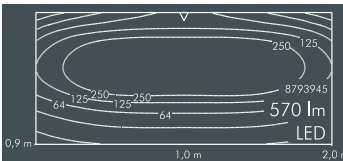
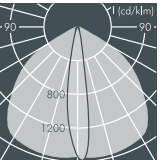
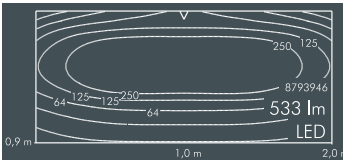
Ecoline
wall washer with wall arms

With high performance LEDs,
integral temperature monitoring device,
CRI: > 80, Colour tolerance: max. 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 , IK10
housing made of extruded aluminium and
corrosion-resistant die cast aluminium housing AlSi12,
all exterior steel parts are stainless steel,
polycarbonate cover, silicon gasket,
closure by 2 stainless steel screws,
wall arms: 2 drilled holes Ø 6.5 mm,
spacing L2, tilt range 220°,
M20 cable gland,
integral driver (AC/DC)

Ecoline, wall washer with wall arms, L1 = 362 mm, L2 = 315 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 793 946 009	black	3 x LED 2.5 W warm white (3000 K)	533 lm	12°	108°
8 793 966 009	white				
8 793 956 009	silver grey				

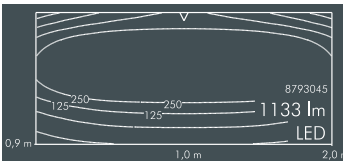
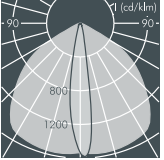
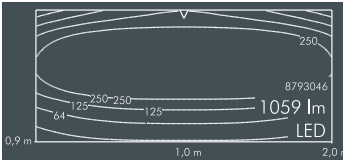
Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 793 945 009	black	3 x LED 2.5 W neutral white (4000 K)	570 lm	12°	108°
8 793 965 009	white				
8 793 955 009	silver grey				



Ecoline, wall washer with wall arms, L1 = 662 mm, L2 = 615 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 793 046 009	black	6 x LED 2.5 W warm white (3000 K)	1059 lm	12°	108°
8 793 066 009	white				
8 793 056 009	silver grey				

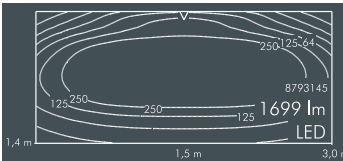
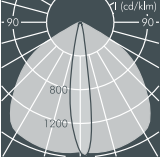
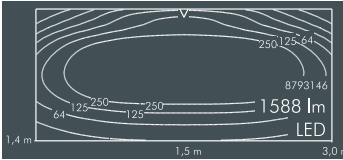
Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 793 045 009	black	6 x LED 2.5 W neutral white (4000 K)	1133 lm	12°	108°
8 793 065 009	white				
8 793 055 009	silver grey				



Ecoline, wall washer with wall arms, L1 = 962 mm, L2 = 915 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 793 146 009	black	9 x LED 2.5 W warm white (3000 K)	1588 lm	12°	108°
8 793 166 009	white				
8 793 156 009	silver grey				

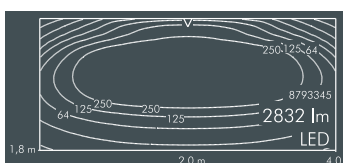
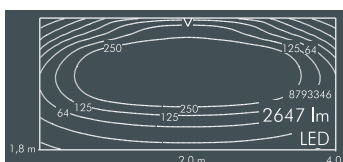
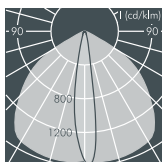
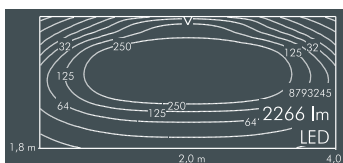
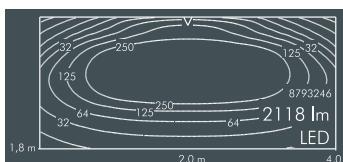
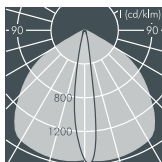
Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 793 145 009	black	9 x LED 2.5 W neutral white (4000 K)	1699 lm	12°	108°
8 793 165 009	white				
8 793 155 009	silver grey				



Part number**	Description
. 1..	Dimmable luminaire (DALI)*
. 2..	Dimmable luminaire (1-10 V)*

*Not available for luminaire L1 = 362 mm
**Luminaires with two cable glands available upon request

LED (see page 185)
Luminaires available in 2700 K and other colour temperatures on request
  



Ecoline, wall washer with wall arms, L1 = 1262 mm, L2 = 1215 mm

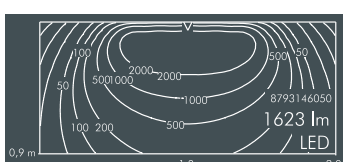
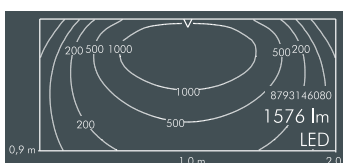
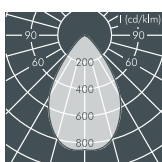
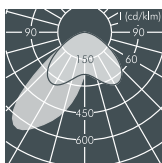
Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 793 246 009	black	12 x LED 2.5 W warm white (3000 K)	2118 lm	12°	108°
8 793 266 009	white				
8 793 256 009	silver grey				

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 793 245 009	black	12 x LED 2.5 W neutral white (4000 K)	2266 lm	12°	108°
8 793 265 009	white				
8 793 255 009	silver grey				

Ecoline, wall washer with wall arms, L1 = 1562 mm, L2 = 1515 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 793 346 009	black	15 x LED 2.5 W warm white (3000 K)	2647 lm	12°	108°
8 793 366 009	white				
8 793 356 009	silver grey				

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 793 345 009	black	15 x LED 2.5 W neutral white (4000 K)	2832 lm	12°	108°
8 793 365 009	white				
8 793 355 009	silver grey				



Ecoline, asymmetrical beam with wall arm*

Part number	Description
. 8.	Luminaires with asymmetrical distribution

*The luminaires are available in 5 different lengths.

Ecoline, asymmetrical beam with wall arm, L1 = 962 mm, L2 = 915 mm

Part number	Colour	Light source	Luminous flux	Main beam angle γ
8 793 146 089	black	9 x LED 2.5 W warm white (3000 K)	1576 lm	36°
8 793 166 089	white			
8 793 156 089	silver grey			

Ecoline, wide beam with wall arm*

Part number	Description
. 5.	Luminaires with wide beam distribution

*The luminaires are available in 5 different lengths.

Ecoline, wide beam with wall arm, L1 = 962 mm, L2 = 915 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)
8 793 146 059	black	9 x LED 2.5 W warm white (3000 K)	1623 lm	67°
8 793 166 059	white			
8 793 156 059	silver grey			

Part number**	Description
. 1..	Dimmable luminaire (DALI)*
. 2..	Dimmable luminaire (1-10 V)*

*Not available for luminaire L1 = 362 mm

**Luminaires with two cable glands available upon request

LED (see page 185)

Luminaires available in 2700 K and other colour temperatures on request





Regardless of the number of luminaires to be connected, just 1 wall flange set **or** 1 wall arm set is required to mount the outer left and right hand luminaires, SL and SR, to the surface.

Mounting components for Ecoline S Modular System		
Part number	Colour	Description
127 0 299 940	black	Wall flange set,
127 0 299 960	white	(pair) for outer luminaires
127 0 299 950	silver grey	

Mounting components for Ecoline S Modular System		
Part number	Colour	Description
127 0 300 940	black	Wall arm set,
127 0 300 960	white	(pair) for outer luminaires,
127 0 300 950	silver grey	length 196 mm

To connect two luminaires together, either one connection flange **or** one connection arm is required. The number of these connection parts required equals the total number of luminaires minus 1.

Mounting components for Ecoline S Modular System		
Part number	Colour	Description
127 0 301 940	black	Connection flange,
127 0 301 960	white	c/w 3-core cable for through wiring,
127 0 301 950	silver grey	for connection of 2 luminaires

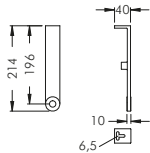
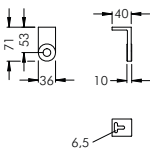
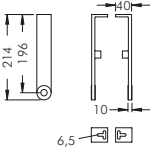
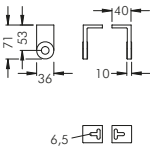
Part number	Colour	Description
127 0 302 940	black	Connection flange for dimmable luminaire,
127 0 302 960	white	c/w 5-core cable for through wiring,
127 0 302 950	silver grey	for connection of 2 luminaires

Mounting components for Ecoline S Modular System		
Part number	Colour	Description
127 0 302 940	black	Connection arm
127 0 302 960	white	c/w 3-core cable for through wiring,
127 0 302 950	silver grey	for connection of 2 luminaires, length 196 mm

Part number	Colour	Description
127 0 303 940	black	Connection arm for dimmable luminaire,
127 0 303 960	white	c/w 5-core cable for through wiring,
127 0 303 950	silver grey	for connection of 2 luminaires, length 196 mm

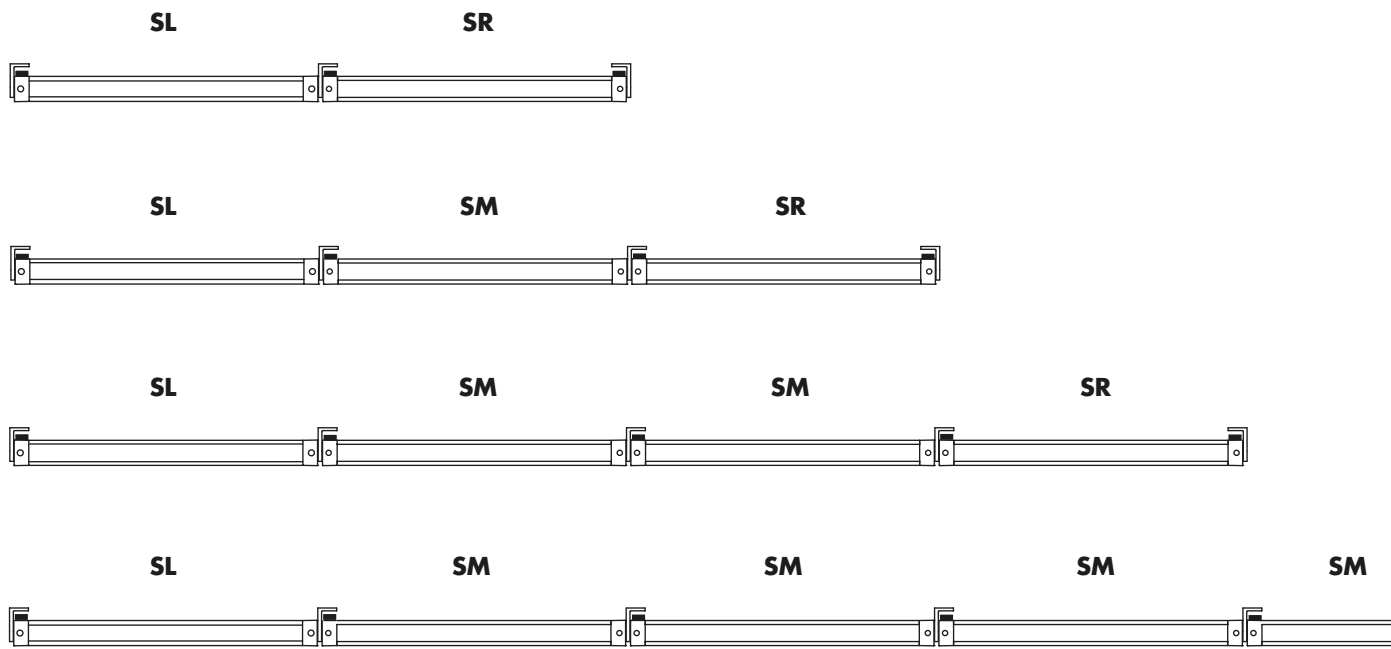
Ecoline S Modular System

The luminaire modules are joined together in continuous runs. The luminaire system is installed using either wall flanges or wall arms. The wall arms increase the distance between the luminaire and the surface to be illuminated, thus increasing the uniformity of light distribution.



The Modular System

Luminaires of different lengths and wattages can be connected together. One left (SL) and one right hand (SR) luminaire are always required. In addition to these, middle luminaires (SM) can be added to the system.



■ Cable gland (on rear side)



Ecoline SL Modular System, left

One cable entry on the left



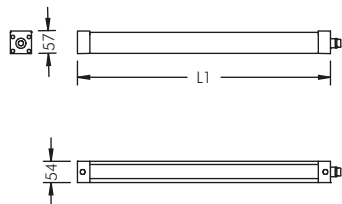
Ecoline SM Modular System, middle

One cable entry on the left







Ecoline SR Modular System, right

Two cable entries right and left

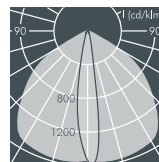


Ecoline SL Modular System (LED), left

With high performance LEDs, integral temperature monitoring device, wall washer light distribution, CRI: > 80, Colour tolerance: max. 2 SDCM Service life: L90/B10 > 50 000 h protection class I, IP65    , IK10 housing made of extruded aluminium and corrosion-resistant die cast aluminium housing AlSi12, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, with stainless steel coupling on right side, tilt range 220°, M20 cable gland, integral driver (AC/DC)

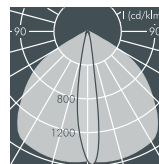
Ecoline SL, left, wall washer, L1 = 642 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 797 046 009	black	6 x LED 2.5 W warm white (3000 K)	1059 lm	12°	108°
8 797 066 009	white				
8 797 056 009	silver grey				



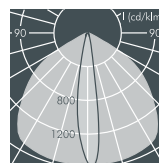
Ecoline SL, left, wall washer, L1 = 942 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 797 146 009	black	9 x LED 2.5 W warm white (3000 K)	1588 lm	12°	108°
8 797 166 009	white				
8 797 156 009	silver grey				



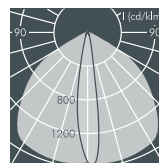
Ecoline SL, left, wall washer, L1 = 1242 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 797 246 009	black	12 x LED 2.5 W warm white (3000 K)	2118 lm	12°	108°
8 797 266 009	white				
8 797 256 009	silver grey				



Ecoline SL, left, wall washer, L1 = 1542 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 797 346 009	black	15 x LED 2.5 W warm white (3000 K)	2647 lm	12°	108°
8 797 366 009	white				
8 797 356 009	silver grey				



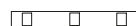
Ecoline SL, left, wall washer

Part number	Description
. 5 . . .	Luminaire with neutral white colour temperature (4000 K)
. 1 . .	Dimmable luminaire (DALI)
. 2 . .	Dimmable luminaire (1-10 V)


The luminaires can be supplied with wide beam or asymmetrical light distribution upon request.

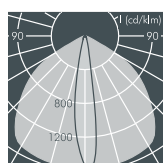
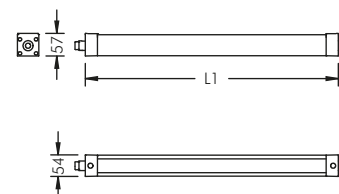
LED (see page 185)

Luminaires available in 2700 K and other colour temperatures on request



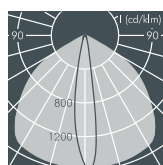
Ecoline SM Modular System (LED), middle

With high performance LEDs,
integral temperature monitoring device,
wall washer light distribution,
CRI: > 80, Colour tolerance: max. 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 , IK10
housing made of extruded aluminium and
corrosion-resistant die cast aluminium housing AISi12,
polyester powder coated,
all exterior steel parts are stainless steel,
polycarbonate cover, silicon gasket,
closure by 2 stainless steel screws,
with stainless steel couplings on left and right side,
tilt range 220°, M20 cable gland,
integral driver (AC/DC)



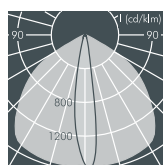
Ecoline SM, middle, wall washer, L1 = 642 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
8 798 046 009	black	6 x LED 2.5 W warm white (3000 K)	1059 lm	C 0 – 180	C 90 – 270
8 798 066 009	white			12°	108°
8 798 056 009	silver grey				



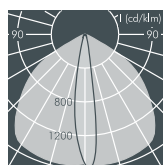
Ecoline SM, middle, wall washer, L1 = 942 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
8 798 146 009	black	9 x LED 2.5 W warm white (3000 K)	1588 lm	C 0 – 180	C 90 – 270
8 798 166 009	white			12°	108°
8 798 156 009	silver grey				



Ecoline SM, middle, wall washer, L1 = 1242 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
8 798 246 009	black	12 x LED 2.5 W warm white (3000 K)	2118 lm	C 0 – 180	C 90 – 270
8 798 266 009	white			12°	108°
8 798 256 009	silver grey				



Ecoline SM, middle, wall washer, L1 = 1542 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
8 798 346 009	black	15 x LED 2.5 W warm white (3000 K)	2647 lm	C 0 – 180	C 90 – 270
8 798 366 009	white			12°	108°
8 798 356 009	silver grey				

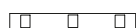
Ecoline SM, middle, wall washer

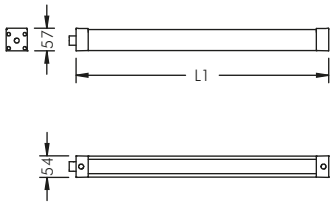
Part number	Description
... 5 ...	Luminaire with neutral white colour temperature (4000 K)
... 1 ..	Dimmable luminaire (DALI)
... 2 ..	Dimmable luminaire (1-10 V)

The luminaires can be supplied with wide beam or asymmetrical light distribution upon request.





LED (see page 185)

Luminaires available in 2700 K and other colour temperatures on request



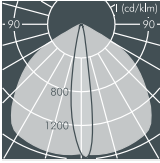


Ecoline SR Modular System (LED), right

With high performance LEDs, integral temperature monitoring device, wall washer light distribution, CRI: > 80, Colour tolerance: max. 2 SDCM Service life: L90/B10 > 50 000 h protection class I, IP65    , IK10 housing made of extruded aluminium and corrosion-resistant die cast aluminium housing AlSi12, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, with stainless steel coupling on left side, tilt range 220°, M20 cable gland, integral driver (AC/DC)

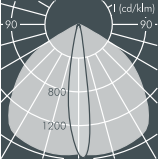
Ecoline SR, right, wall washer, L1 = 642 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 799 046 009	black	6 x LED 2.5 W warm white (3000 K)	1059 lm	12°	108°
8 799 066 009	white				
8 799 056 009	silver grey				



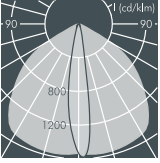
Ecoline SR, right, wall washer, L1 = 942 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 799 146 009	black	9 x LED 2.5 W warm white (3000 K)	1588 lm	12°	108°
8 799 166 009	white				
8 799 156 009	silver grey				



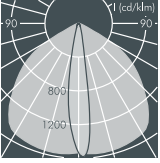
Ecoline SR, right, wall washer, L1 = 1242 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 799 246 009	black	12 x LED 2.5 W warm white (3000 K)	2118 lm	12°	108°
8 799 266 009	white				
8 799 256 009	silver grey				



Ecoline SR, right, wall washer, L1 = 1542 mm

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)	
				C 0 – 180	C 90 – 270
8 799 346 009	black	15 x LED 2.5 W warm white (3000 K)	2647 lm	12°	108°
8 799 366 009	white				
8 799 356 009	silver grey				



Ecoline SR, right, wall washer

Part number	Description
. 5 . .	Luminaire with neutral white colour temperature (4000 K)
. 1 . .	Dimmable luminaire (DALI)
. 2 . .	Dimmable luminaire (1-10 V)

The luminaires can be supplied with wide beam or asymmetrical light distribution upon request.

System examples

To calculate the overall length of the system, the lengths of the individual luminaire modules and the dimensions of the connection flanges or arms must be added together.

By combining luminaires of different lengths, the overall length of the system can be made to coincide with the dimensions of the surface to be illuminated.

