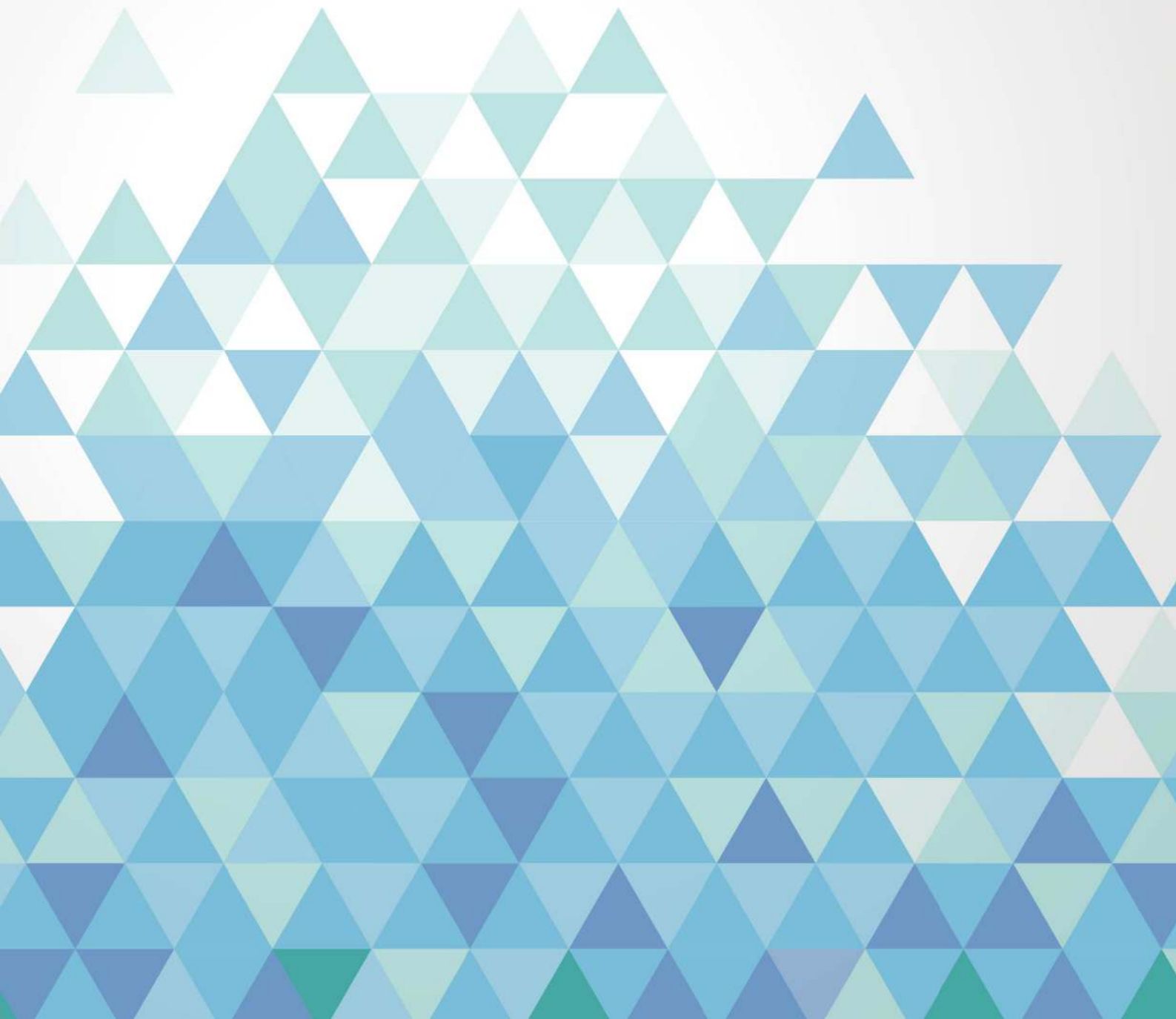


INDOOR LED CATALOGUE 2015



Fortimo LED SLM GEN 4

LED Modules By **PHILIPS**

High quality of light for spot and downlights

The Fortimo LED SLM Gen4 is a next generation solution for spotlight and mini-downlight applications.

It is a product in line with the Fortimo brand promise of light quality and a smart system.

We provide you with a system proposition ranging from 1100 lm to 4500 lm in preset outputs, with the flexibility to tune as per your needs.



Benefits

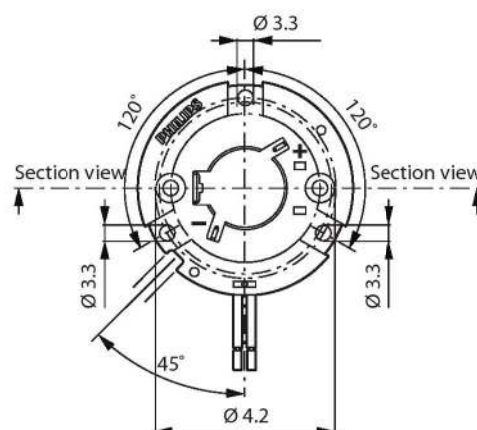
- Increased energy efficiency
- Flexibility to tune the performance as per your need by modifying the operating point
- Improved luminaire manufacturability
- Improved temperature management
- Smart systems with Xitanium drivers, including the new mini drivers
- Part of Philips warranty scheme

Features

- Ability to operate your module at a desired current to get a certain lumen output with a high lm/W or lm/€
- Small LES sizes for narrow beam angles and small reflector designs
- Higher Tc nominal of 85 °C
- High quality of light
- Dedicated solutions for special needs including the SLM Crisp white, SLM Premium White, Food Warm White and Food Premium Red
- One stop shop for your system (detailed list of complementary partners in design-in guide)

Applications

- SLM Gen4 for spot and accent lighting for retail, hospitality and supermarkets
- SLM Gen4 Premium White for spot and accent lighting for retail, hospitality and supermarkets where a colour point below the black body line is required
- SLM Crisp White is ideal when bright and clean whites and rich and saturated colours are needed
- SLM Food Warm White has a spectrum specifically designed to enhance the appearance of fresh food
- SLM Food Premium Red has a spectrum specifically designed to enhance the appearance of fresh meat
- Downlight versions with additional sleeve for independent usage



CORE-5 SLM

VEWA

Indoor | LED Circular Downlight



Applications

The Fortimo LED SLM Gen4 offers a full product portfolio with high quality of light for spot. Lighting makes merchandise, brands and business shine. It empowers the retailers to use light to its full potential, creating maximum impact.

The light output can be tuned by applying Rset values for optimal luminaire design.

Product Features

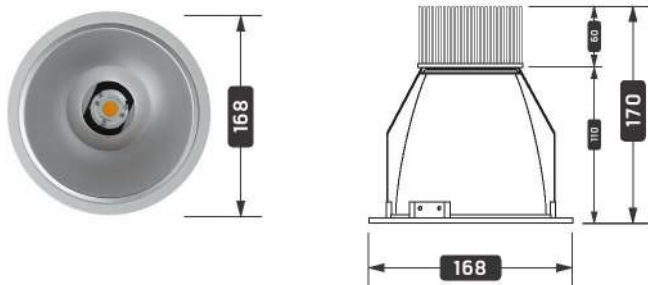
- Lumen packages from 1100lm to 4500lm
- 2700K, 3000K both in CRI 80 and 90, 4000K in CRI 90
- Tc life of up to 95°C
- Pre-configured system propositions both in high lm/W and lm/\$
- Large choice of drivers available, including DALI dimming

Specification

Type	: LED Circular Downlight
Modules	: Philips Fortimo LED SLM Gen4
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered
Wiring	: Cable size AWG 20. Operature under 105°C maximum Voitage 600V by TIS No.11-2531

Dimension (mm.)

Ø150mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
CORE-5 1 x SLM 2000lm 18W L13 G4	LPD-COR5SLM-XX-XX	2020 lm 2150 lm	18 W	117 124 lm/W	3000 K 4000 K	>80	50,000 Hrs
CORE-5 1 x SLM 3000lm 26W L15 G4	LPD-COR5SLM-XX-XX	2970 lm 3170 lm	26 W	114 122 lm/W	3000 K 4000 K	>80	50,000 Hrs
CORE-5 1 x SLM 4500lm 42W L19 G4	LPD-COR5SLM-XX-XX	4860 lm 5160 lm	42 W	115 122 lm/W	3000 K 4000 K	>80	50,000 Hrs

Suitable for



Modified : 30/6/2558

LED Indoor Fortimo Series 2015-2016

For further information visit the website
www.vewalight.com

CORE-7 SLM

VEWA

Indoor | LED Circular Downlight



Applications

The Fortimo LED SLM Gen4 offers a full product portfolio with high quality of light for spot. Lighting makes merchandise, brands and business shine. It empowers the retailers to use light to its full potential, creating maximum impact.

The light output can be tuned by applying Rset values for optimal luminaire design.

Product Features

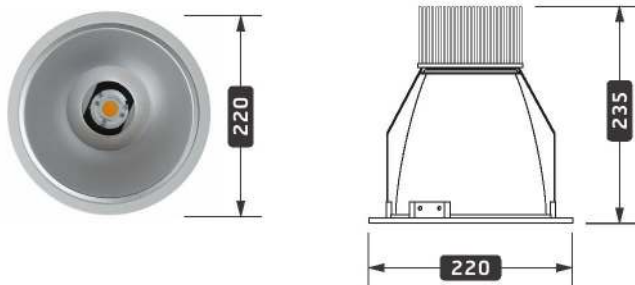
- Lumen packages from 1100lm to 4500lm
- 2700K, 3000K both in CRI 80 and 90, 4000K in CRI 90
- Tc life of up to 95°C
- Pre-configured system propositions both in high lm/W and lm/\$
- Large choice of drivers available, including DALI dimming

Specification

Type	: LED Circular Downlight
Modules	: Philips Fortimo LED SLM Gen4
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered
Wiring	: Cable size AWG 20. Operature under 105°C maximum Voitage 600V by TIS No.11-2531

Dimension (mm.)

Ø205mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
CORE-7 1 x SLM 2000lm 18W L13 G4	LPD-COR7SLM-XX-XX	2020 lm 2150 lm	18 W	117 124 lm/W	3000 K 4000 K	>80	50,000 Hrs
CORE-7 1 x SLM 3000lm 26W L15 G4	LPD-COR7SLM-XX-XX	2970 lm 3170 lm	26 W	114 122 lm/W	3000 K 4000 K	>80	50,000 Hrs
CORE-7 1 x SLM 4500lm 42W L19 G4	LPD-COR7SLM-XX-XX	4860 lm 5160 lm	42 W	115 122 lm/W	3000 K 4000 K	>80	50,000 Hrs

Suitable for



Modified : 30/6/2558

LED Indoor Fortimo Series 2015-2016

For further information visit the website
www.vewalight.com

Indoor | LED Circular Downlight



Applications

The Fortimo LED SLM Gen4 offers a full product portfolio with high quality of light for spot. Lighting makes merchandise, brands and business shine. It empowers the retailers to use light to its full potential, creating maximum impact.

The light output can be tuned by applying Rset values for optimal luminaire design.

Product Features

- Lumen packages from 1100lm to 4500lm
- 2700K, 3000K both in CRI 80 and 90, 4000K in CRI 90
- Tc life of up to 95°C
- Pre-configured system propositions both in high lm/W and lm/\$
- Large choice of drivers available, including DALI dimming

Specification

Type	: LED Surface Mount Circular Downlight
Modules	: Philips Fortimo LED SLM Gen4
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered
Wiring	: Cable size AWG 20. Operature under 105°C maximum Voltage 600V by TIS No.11-2531

Dimension (mm.)



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
MAX-1S 1 x SLM 2000lm 18W L13 G4	LPD-MAX1SSLM-XX-XX	2020 lm 2150 lm	18 W	117 124 lm/W	3000 K 4000 K	>80	50,000 Hrs
MAX-1S 1 x SLM 3000lm 26W L15 G4	LPD-MAX1SSLM-XX-XX	2970 lm 3170 lm	26 W	114 122 lm/W	3000 K 4000 K	>80	50,000 Hrs
MAX-1S 1 x SLM 4500lm 42W L19 G4	LPD-MAX1SSLM-XX-XX	4860 lm 5160 lm	42 W	115 122 lm/W	3000 K 4000 K	>80	50,000 Hrs

Suitable for



Indoor | LED Circular Adjustable Downlight



Applications

The Fortimo LED SLM Gen4 offers a full product portfolio with high quality of light for spot. Lighting makes merchandise, brands and business shine. It empowers the retailers to use light to its full potential, creating maximum impact.

The light output can be tuned by applying Rset values for optimal luminaire design.

Product Features

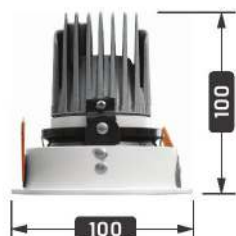
- Lumen packages from 1100lm to 4500lm
- 2700K, 3000K both in CRI 80 and 90, 4000K in CRI 90
- Tc life of up to 95°C
- Pre-configured system propositions both in high lm/W and lm/\$
- Large choice of drivers available, including DALI dimming

Specification

Type	: LED Circular Adjustable Downlight
Modules	: Philips Fortimo LED SLM Gen4
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered
Wiring	: Cable size AWG 20. Operature under 105°C maximum Voltage 600V by TIS No.11-2531

Dimension (mm.)

Ø90mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
VISION-A 1 x SLM 1100lm 11W L9 G4	LPD-VSNASLM-XX-XX	1100 lm 1170 lm	11 W	98 104 lm/W	3000 K 4000 K	>80	50,000 Hrs

Suitable for



Indoor | LED Circular Downlight



Applications

The Fortimo LED SLM Gen4 offers a full product portfolio with high quality of light for spot. Lighting makes merchandise, brands and business shine. It empowers the retailers to use light to its full potential, creating maximum impact.

The light output can be tuned by applying Rset values for optimal luminaire design.

Product Features

- Lumen packages from 1100lm to 4500lm
- 2700K, 3000K both in CRI 80 and 90, 4000K in CRI 90
- Tc life of up to 95°C
- Pre-configured system propositions both in high lm/W and lm/\$
- Large choice of drivers available, including DALI dimming

Specification

Type	: LED Circular Downlight
Modules	: Philips Fortimo LED SLM Gen4
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered
Wiring	: Cable size AWG 20. Operature under 105°C maximum Voltage 600V by TIS No.11-2531

Dimension (mm.)

Ø 70mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
VISION-B 1 x SLM 1100lm 11W L9 G4	LPD-VSNBSLM-XX-XX	1100 lm 1170 lm	11 W	98 104 lm/W	3000 K 4000 K	>80	50,000 Hrs

Suitable for



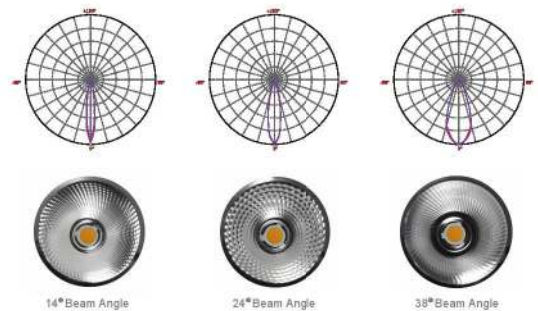
CYCLONE SLM

VEWA

Indoor | LED Circular Adjustable Downlight



Beam Angle



Product Features

The Fortimo LED SLM Gen4 offers a full product portfolio with high quality of light for spot. Lighting makes merchandise, brands and business shine. It empowers the retailers to use light to its full potential, creating maximum impact.

The light output can be tuned by applying Rset values for optimal luminaire design.

Specification

Type	: LED Circular Adjustable Downlight
Modules	: Philips Fortimo LED SLM Gen4
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered
Wiring	: Cable size AWG 20. Operature under 105°C maximum Voitage 600V by TIS No.11-2531

Dimension (mm.)

160mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
CYCLONE 1 x SLM 2000lm 18W L13 G4	LPD-CYNSLM-XX-XX	2020 lm 2150 lm	18 W	117 124 lm/W	3000 K 4000 K	>80	50,000 Hrs
CYCLONE 1 x SLM 3000lm 26W L15 G4	LPD-CYNSLM-XX-XX	2970 lm 3170 lm	26 W	114 122 lm/W	3000 K 4000 K	>80	50,000 Hrs
CYCLONE 1 x SLM 4500lm 42W L19 G4	LPD-CYNSLM-XX-XX	4860 lm 5160 lm	42 W	115 122 lm/W	3000 K 4000 K	>80	50,000 Hrs

Suitable for



Modified : 30/6/2558

LED Indoor Fortimo Series 2015-2016



For further information visit the website
www.vewalight.com



With LED driver 36W
0.3-1A 48V 230V

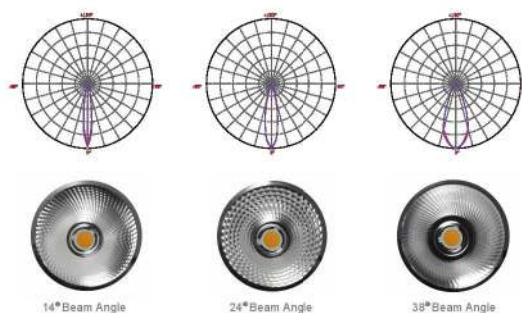
Indoor | LED Square Adjustable Downlight



Optional for VIVO-2, VIVO-3



Beam Angle



Product Features

The Fortimo LED SLM Gen4 offers a full product portfolio with high quality of light for spot. Lighting makes merchandise, brands and business shine. It empowers the retailers to use light to its full potential, creating maximum impact.

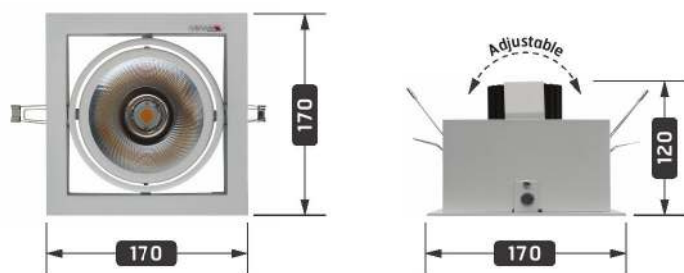
The light output can be tuned by applying Rset values for optimal luminaire design.

Specification

Type	: LED Square Adjustable Downlight
Modules	: Philips Fortimo LED SLM Gen4
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered
Wiring	: Cable size AWG 20. Operature under 105°C maximum Voitage 600V by TIS No.11-2531

Dimension (mm.)

160x160mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
VIVO-1 1 x SLM 2000lm 18W L13 G4	LPD-VI01SLM-XX-XX	2020 lm 2150 lm	18 W	117 124 lm/W	3000 K 4000 K	>80	50,000 Hrs
VIVO-1 1 x SLM 3000lm 26W L15 G4	LPD-VI01SLM-XX-XX	2970 lm 3170 lm	26 W	114 122 lm/W	3000 K 4000 K	>80	50,000 Hrs
VIVO-1 1 x SLM 4500lm 42W L19 G4	LPD-VI01SLM-XX-XX	4860 lm 5160 lm	42 W	115 122 lm/W	3000 K 4000 K	>80	50,000 Hrs

Suitable for



With LED driver 36W
0.3-1A 48V 230V

SCOOP-A SLM

VEWA

Indoor | LED Circular Downlight

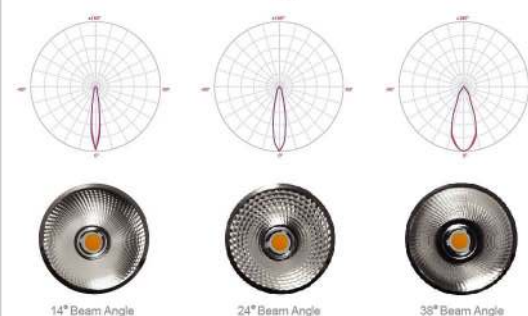


Special design for adjustable



Optional : black color

Beam Angle



Product Features

The Fortimo LED SLM Gen4 offers a full product portfolio with high quality of light for spot. Lighting makes merchandise, brands and business shine. It empowers the retailers to use light to its full potential, creating maximum impact.

The light output can be tuned by applying Rset values for optimal luminaire design.

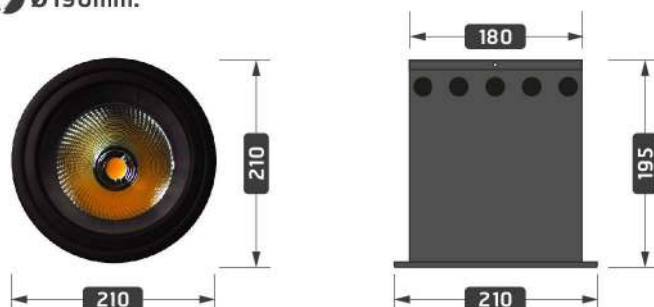
Specification

Type	: LED Circular Downlight
Modules	: Philips Fortimo LED SLM Gen4
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered
Wiring	: Cable size AWG 20. Operature under 105°C maximum Voitage 600V by TIS No.11-2531



Dimension (mm.)

Ø190mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
SCOOP-A 1 x SLM 2000lm 18W L13 G4	LPD-SCPASLM-XX-XX	2020 lm 2150 lm	18 W	117 124 lm/W	3000 K 4000 K	>80	50,000 Hrs
SCOOP-A 1 x SLM 3000lm 26W L15 G4	LPD-SCPASLM-XX-XX	2970 lm 3170 lm	26 W	114 122 lm/W	3000 K 4000 K	>80	50,000 Hrs
SCOOP-A 1 x SLM 4500lm 42W L19 G4	LPD-SCPASLM-XX-XX	4860 lm 5160 lm	42 W	115 122 lm/W	3000 K 4000 K	>80	50,000 Hrs

Suitable for



SCOOP-B SLM

VEWA

Indoor | LED Circular Downlight

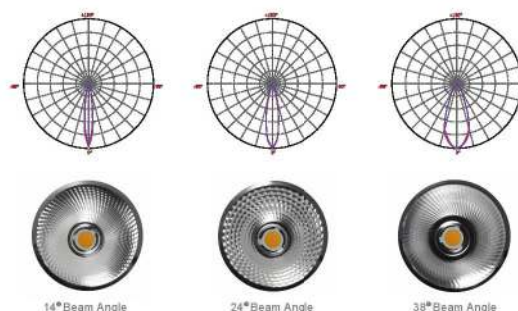


Special design for adjustable



Optional : black color

Beam Angle



Product Features

The Fortimo LED SLM Gen4 offers a full product portfolio with high quality of light for spot. Lighting makes merchandise, brands and business shine. It empowers the retailers to use light to its full potential, creating maximum impact.

The light output can be tuned by applying Rset values for optimal luminaire design.

Specification

Type	: LED Circular Downlight
Modules	: Philips Fortimo LED SLM Gen4
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered
Wiring	: Cable size AWG 20. Operature under 105°C maximum Voitage 600V by TIS No.11-2531

Dimension (mm.)

Ø150mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
SC00P-B 1 x SLM 2000lm 18W L13 G4	LPD-SCPBSLM-XX-XX	2020 lm 2150 lm	18 W	117 124 lm/W	3000 K 4000 K	>80	50,000 Hrs
SC00P-B 1 x SLM 3000lm 26W L15 G4	LPD-SCPBSLM-XX-XX	2970 lm 3170 lm	26 W	114 122 lm/W	3000 K 4000 K	>80	50,000 Hrs
SC00P-A 1 x SLM 4500lm 42W L19 G4	LPD-SCPBSLM-XX-XX	4860 lm 5160 lm	42 W	115 122 lm/W	3000 K 4000 K	>80	50,000 Hrs

Suitable for



Modified : 30/6/2558

LED Indoor Fortimo Series 2015-2016

For further information visit the website
www.vewalight.com

Indoor | LED Track Light & Spot Light



Applications

The Fortimo LED SLM Gen4 offers a full product portfolio with high quality of light for spot. Lighting makes merchandise, brands and business shine. It empowers the retailers to use light to its full potential, creating maximum impact.

The light output can be tuned by applying Rset values for optimal luminaire design.

Product Features

- Lumen packages from 1100lm to 4500lm
- 2700K, 3000K both in CRI 80 and 90, 4000K in CRI 90
- Tc life of up to 95°C
- Pre-configured system propositions both in high lm/W and lm/\$
- Large choice of drivers available, including DALI dimming

Specification

Type	: LED Track Light & Spot Light
Modules	: Philips Fortimo LED SLM Gen4
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered
Wiring	: Cable size AWG 20. Operature under 105°C maximum Voitage 600V by TIS No.11-2531

Dimension (mm.)



Ceiling plate for spotlight

Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
SOLARIS 1 x SLM 2000lm 18W L13 G4	LPD-SLRLSM-XX-XX	2020 lm 2150 lm	18 W	117 124 lm/W	3000 K 4000 K	>80	50,000 Hrs

Suitable for



Fortimo CertaFlux SLS

LED Modules By **PHILIPS**



Overview

Philips Certaflux SLS module takes the final barriers out of LED spotlight conversion. The innovative design with integrated heat sink and Lens makes an easy design-in and allows for a fast and efficient luminaries development.



Applications

The Certaflux SLS module is designed for spotlight fixture that can be used in retail stores, restaurants and cafes, etc.

The product portfolio covers a lumen level from 800lm, 1600lm, 2400lm with color temperatures of 3000K and 4000K; also two color silver and black versions are available.



800lm

1600lm

2400lm



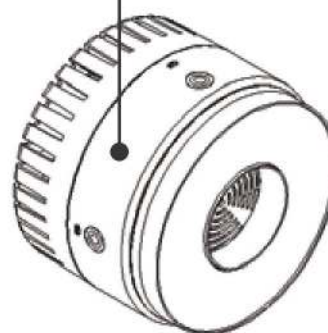
Temperature

Case Temperature (Tc)

The Tc is 75° Celcius to guarantee life time, and Tc max. is 85° Celcius for safety.

It is measured at the predefined point (see illustration) using guidelines recommended by IEC 60598.

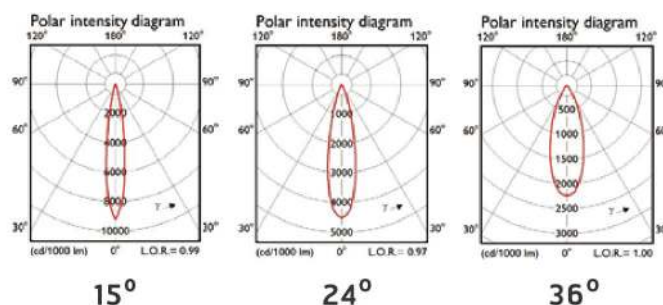
For these modules a test box measuring 600 x 600 x 200 mm was used and the reading is taken after the temperature stabilizes.



Beam Angle

The typical beam angle of the Certaflux SLS module is 15, 24 and 36 degrees for 800lm and 1600lm products ; 24 and 36 degrees for 2400lm products.

This is measured by a goniometer. If a secondary diffuser and/or reflector extender is added to the module, the beam angle could change. It is advised that measurements are calculated again



Indoor | Downlight & Spotlight systems



Optional for VIVIA-2

PHILIPS
Fortimo LED Module



Applications

CertaFlux is an integrated spotlight solution with a modern, stylish design. It comes with an integrated heat sink and a compact driver, making OEM design-in simple and enables fast and efficient development of spotlights.

This product portfolio covers a lumen level from 800lm, 1600lm to 2400lm, with two color temperatures: 3000K and 4000K.

To meet our customers' optical design requirements, three beam angles 15D, 24D and 36D are available for your selection.

Product Features

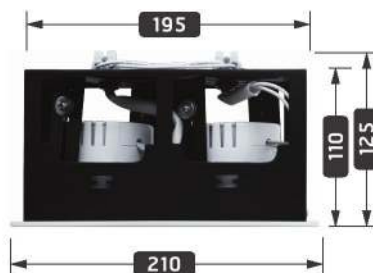
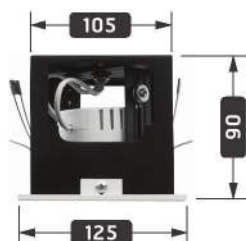
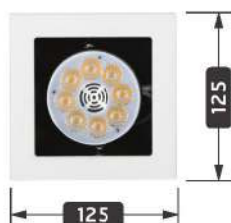
- Integrated driver, heat sink and optics
- 25,000 hours lifetime and standard Philips systems warranty
- CRI 80
- 3 lumen packages: 800lm, 1600lm and 2400lm
- Color temperatures: 3000K, 4000K
- 3 beam angles: 15, 24 and 36

Specification

Type	: Square Adjustable Downlight
Modules	: Philips Fortimo CertaFlux SLS
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)

115x115mm. | 200x115mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
VIVIA-1 1 x CertaFlux SLS 800lm S	LPD-VIA1SLS-XX-XX	800 lm 825 lm	11 W	72 lm/W	3000 K 4000 K	15° 24°	>80	25,000 Hrs
VIVIA-2 2 x CertaFlux SLS 800lm S	LPD-VIA2SLS-XX-XX	1600 lm 1650 lm	22 W	72 lm/W	3000 K 4000 K	15° 24°	>80	25,000 Hrs

Suitable for



Indoor | Downlight & Spotlight systems



Optional for VIVID-2



Applications

CertaFlux is an integrated spotlight solution with a modern, stylish design. It comes with an integrated heat sink and a compact driver, making OEM design-in simple and enables fast and efficient development of spotlights.

This product portfolio covers a lumen level from 800lm, 1600lm to 2400lm, with two color temperatures: 3000K and 4000K.

To meet our customers' optical design requirements, three beam angles 15D, 24D and 36D are available for your selection.

Product Features

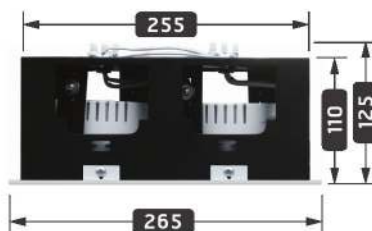
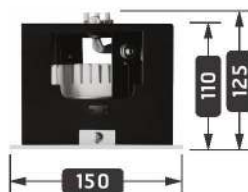
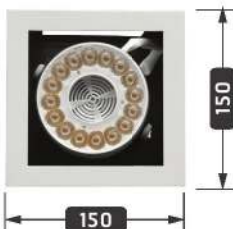
- Integrated driver, heat sink and optics
- 25,000 hours lifetime and standard Philips systems warranty
- CRI 80
- 3 lumen packages: 800lm, 1600lm and 2400lm
- Color temperatures: 3000K, 4000K
- 3 beam angles: 15, 24 and 36

Specification

Type	: Square Adjustable Downlight
Modules	: Philips Fortimo CertaFlux SLS
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)

140x140mm. | 255x140mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
VIVID-1 1 x CertaFlux SLS 1600lm S	LPD-VID1SLS-XX-XX	1600 lm 1650 lm	22 W	72 lm/W	3000 K 4000 K	15° 24°	>80	25,000 Hrs
VIVID-2 2 x CertaFlux SLS 1600lm S	LPD-VID2SLS-XX-XX	3200 lm 3300 lm	44 W	72 lm/W	3000 K 4000 K	15° 24°	>80	25,000 Hrs

Suitable for



Indoor | Downlight & Spotlight systems



Optional for VIVO-2

PHILIPS
Fortimo LED Module



Applications

CertaFlux is an integrated spotlight solution with a modern, stylish design. It comes with an integrated heat sink and a compact driver, making OEM design-in simple and enables fast and efficient development of spotlights.

This product portfolio covers a lumen level from 800lm, 1600lm to 2400lm, with two color temperatures: 3000K and 4000K.

To meet our customers' optical design requirements, three beam angles 15D, 24D and 36D are available for your selection.

Product Features

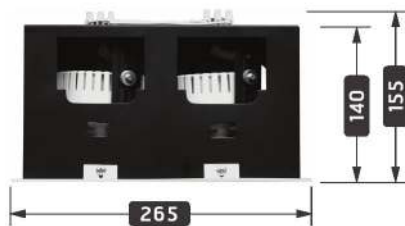
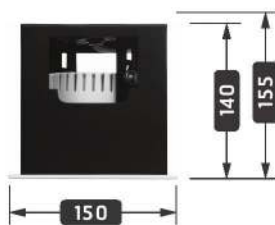
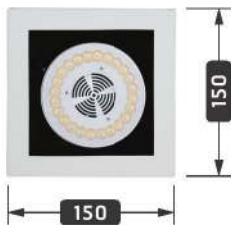
- Integrated driver, heat sink and optics
- 25,000 hours lifetime and standard Philips systems warranty
- CRI 80
- 3 lumen packages: 800lm, 1600lm and 2400lm
- Color temperatures: 3000K, 4000K
- 3 beam angles: 15, 24 and 36

Specification

Type	: Square Adjustable Downlight
Modules	: Philips Fortimo CertaFlux SLS
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)

140x140mm. | 255x140mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
VIVO-1 1 x CertaFlux SLS 2400lm S	LPD-VI01SLS-XX-XX	2400 lm 2475 lm	33 W	72 lm/W	3000 K 4000 K	15° 24°	>80	25,000 Hrs
VIVO-2 2 x CertaFlux SLS 2400lm S	LPD-VI02SLS-XX-XX	4800 lm 4950 lm	66 W	72 lm/W	3000 K 4000 K	15° 24°	>80	25,000 Hrs

Suitable for



Indoor | Downlight & Spotlight systems



Applications

CertaFlux is an integrated spotlight solution with a modern, stylish design. It comes with an integrated heat sink and a compact driver, making OEM design-in simple and enables fast and efficient development of spotlights.

This product portfolio covers a lumen level from 800lm, 1600lm to 2400lm, with two color temperatures: 3000K and 4000K.

To meet our customers' optical design requirements, three beam angles 15D, 24D and 36D are available for your selection.

Product Features

- Integrated driver, heat sink and optics
- 25,000 hours lifetime and standard Philips systems warranty
- CRI 80
- 3 lumen packages: 800lm, 1600lm and 2400lm
- Color temperatures: 3000K, 4000K
- 3 beam angles: 15, 24 and 36

Specification

Type	: Square Adjustable Downlight
Modules	: Philips Fortimo CertaFlux SLS
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)

Ø150mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
CORE-5 1 x CertaFlux SLS 800lm S	LPD-COR5SLS-XX-XX	800 lm 825 lm	11 W	72 lm/W	3000 K 4000 K	15° 24°	>80	25,000 Hrs

Suitable for



Indoor | Downlight & Spotlight systems



Applications

CertaFlux is an integrated spotlight solution with a modern, stylish design. It comes with an integrated heat sink and a compact driver, making OEM design-in simple and enables fast and efficient development of spotlights.

This product portfolio covers a lumen level from 800lm, 1600lm to 2400lm, with two color temperatures: 3000K and 4000K.

To meet our customers' optical design requirements, three beam angles 15D, 24D and 36D are available for your selection.

Product Features

- Integrated driver, heat sink and optics
- 25,000 hours lifetime and standard Philips systems warranty
- CRI 80
- 3 lumen packages: 800lm, 1600lm and 2400lm
- Color temperatures: 3000K, 4000K
- 3 beam angles: 15, 24 and 36

Specification

Type	: Square Adjustable Downlight
Modules	: Philips Fortimo CertaFlux SLS
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)

Ø170mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
CORE-6 1 x CertaFlux SLS 800lm S	LPD-COR6SLS-XX-XX	800 lm 825 lm	11 W	72 lm/W	3000 K 4000 K	15° 24°	>80	25,000 Hrs
CORE-6 1 x CertaFlux SLS 1600lm S	LPD-COR6SLS-XX-XX	1600 lm 1650 lm	22 W	72 lm/W	3000 K 4000 K	15° 24°	>80	25,000 Hrs

Suitable for



Indoor | Downlight & Spotlight systems



Applications

CertaFlux is an integrated spotlight solution with a modern, stylish design. It comes with an integrated heat sink and a compact driver, making OEM design-in simple and enables fast and efficient development of spotlights.

This product portfolio covers a lumen level from 800lm, 1600lm to 2400lm, with two color temperatures: 3000K and 4000K.

To meet our customers' optical design requirements, three beam angles 15D, 24D and 36D are available for your selection.

Product Features

- Integrated driver, heat sink and optics
- 25,000 hours lifetime and standard Philips systems warranty
- CRI 80
- 3 lumen packages: 800lm, 1600lm and 2400lm
- Color temperatures: 3000K, 4000K
- 3 beam angles: 15, 24 and 36

Specification

Type	: Square Adjustable Downlight
Modules	: Philips Fortimo CertaFlux SLS
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)

Ø 200mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
CORE-7 1 x CertaFlux SLS 1600lm S	LPD-COR7SLS-XX-XX	1600 lm 1650 lm	22 W	72 lm/W	3000 K 4000 K	15° 24°	>80	25,000 Hrs

Suitable for





Applications

CertaFlux is an integrated spotlight solution with a modern, stylish design. It comes with an integrated heat sink and a compact driver, making OEM design-in simple and enables fast and efficient development of spotlights.

This product portfolio covers a lumen level from 800lm, 1600lm to 2400lm, with two color temperatures: 3000K and 4000K.

To meet our customers' optical design requirements, three beam angles 15D, 24D and 36D are available for your selection.

Product Features

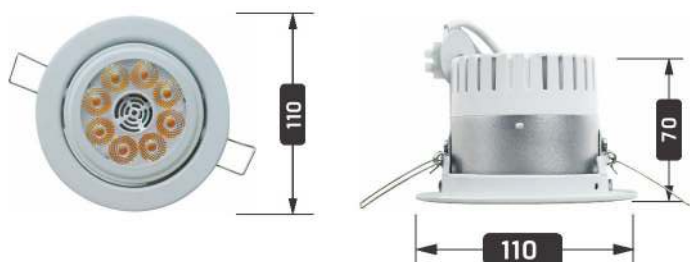
- Integrated driver, heat sink and optics
- 25,000 hours lifetime and standard Philips systems warranty
- CRI 80
- 3 lumen packages: 800lm, 1600lm and 2400lm
- Color temperatures: 3000K, 4000K
- 3 beam angles: 15, 24 and 36

Specification

Type	: Square Adjustable Downlight
Modules	: Philips Fortimo CertaFlux SLS
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)

Ø90mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
FOCUS 1 x CertaFlux SLS 800lm S	LPD-FOCSLS-XX-XX	800 lm 825 lm	11 W	72 lm/W	3000 K 4000 K	15° 24°	>80	25,000 Hrs

Suitable for



SCOOP-4 SLS

VEWA

Indoor | Downlight & Spotlight systems



Applications

CertaFlux is an integrated spotlight solution with a modern, stylish design. It comes with an integrated heat sink and a compact driver, making OEM design-in simple and enables fast and efficient development of spotlights.

This product portfolio covers a lumen level from 800lm, 1600lm to 2400lm, with two color temperatures: 3000K and 4000K.

To meet our customers' optical design requirements, three beam angles 15D, 24D and 36D are available for your selection.

Product Features

- Integrated driver, heat sink and optics
- 25,000 hours lifetime and standard Philips systems warranty
- CRI 80
- 3 lumen packages: 800lm, 1600lm and 2400lm
- Color temperatures: 3000K, 4000K
- 3 beam angles: 15, 24 and 36

Specification

Type	: Square Adjustable Downlight
Modules	: Philips Fortimo CertaFlux SLS
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)

Ø90mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
SCOOP-4 1 x CertaFlux SLS 800lm S	LPD-SCP4SLS-XX-XX	800 lm 825 lm	11 W	72 lm/W	3000 K 4000 K	15° 24°	>80	25,000 Hrs

Suitable for



TRACK SLS 800lm

VEWA



Indoor | Downlight & Spotlight systems



Applications

CertaFlux is an integrated spotlight solution with a modern, stylish design. It comes with an integrated heat sink and a compact driver, making OEM design-in simple and enables fast and efficient development of spotlights.

This product portfolio covers a lumen level from 800lm, 1600lm to 2400lm, with two color temperatures: 3000K and 4000K.

To meet our customers' optical design requirements, three beam angles 15D, 24D and 36D are available for your selection.

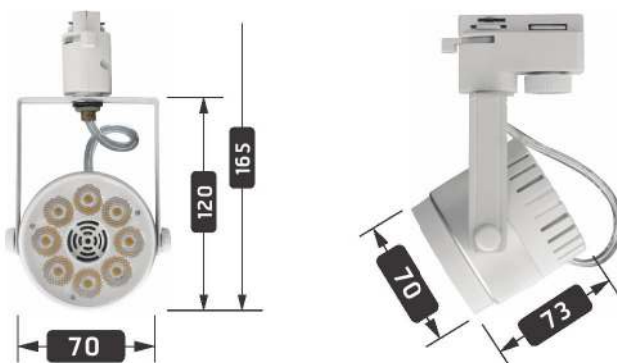
Product Features

- Integrated driver, heat sink and optics
- 25,000 hours lifetime and standard Philips systems warranty
- CRI 80
- 3 lumen packages: 800lm, 1600lm and 2400lm
- Color temperatures: 3000K, 4000K
- 3 beam angles: 15, 24 and 36

Specification

Type	: LED Adjustable Tracklight
Modules	: Philips Fortimo CertaFlux SLS
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
TRACK SLS 1 x CertaFlux SLS 800lm S	LPD-TRKSLS-XX-XX	800 lm 825 lm	11 W	72 lm/W	3000 K 4000 K	15° 24° 36°	>80	25,000 Hrs

Suitable for



Modified : 30/6/2558

LED Indoor Fortimo Series 2015-2016



For further information visit the website
www.vewalight.com

TRACK SLS 1600lm

VEWA

Indoor | Downlight & Spotlight systems



Applications

CertaFlux is an integrated spotlight solution with a modern, stylish design. It comes with an integrated heat sink and a compact driver, making OEM design-in simple and enables fast and efficient development of spotlights.

This product portfolio covers a lumen level from 800lm, 1600lm to 2400lm, with two color temperatures: 3000K and 4000K.

To meet our customers' optical design requirements, three beam angles 15D, 24D and 36D are available for your selection.

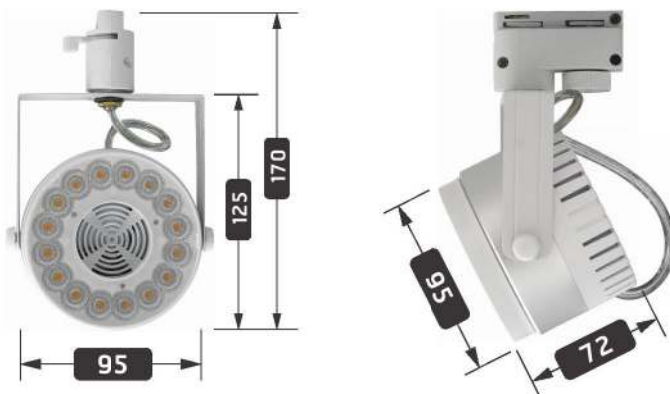
Product Features

- Integrated driver, heat sink and optics
- 25,000 hours lifetime and standard Philips systems warranty
- CRI 80
- 3 lumen packages: 800lm, 1600lm and 2400lm
- Color temperatures: 3000K, 4000K
- 3 beam angles: 15, 24 and 36

Specification

Type	: LED Adjustable Tracklight
Modules	: Philips Fortimo CertaFlux SLS
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
TRACK SLS 1 x CertaFlux SLS 1600lm S	LPD-TRKSLS-XX-XX	1600 lm 1650 lm	22 W	72 lm/W	3000 K 4000 K	15° 24° 36°	>80	25,000 Hrs

Suitable for



For further information visit the website
www.vewalight.com

CertaFlux DL-S GEN 2

LED Modules By **PHILIPS**



Overview

The all new CertaFlux DL-S Gen2 is well designed to be modern and stylish with an integrated heat sink and a compact driver, making it simple for OEM design-in.

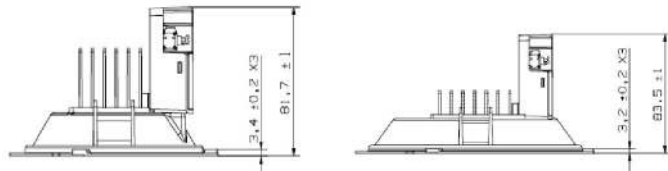
Compared with the DLM-FS, CertaFlux DL-S Gen2 offers a wider range to suit your applications. Lumen packages of Gen2 have been adjusted to account for actual application conditions (non-visible LEDs) after the mounting of deco-rings with diffusers.

CertaFlux DL-S Gen2 has also enhanced the maximum Tcase temperature to 85°C. 3-pin connector is available for this range to enable easy connection.



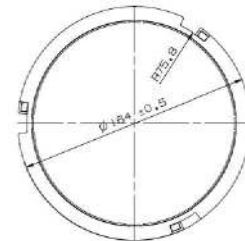
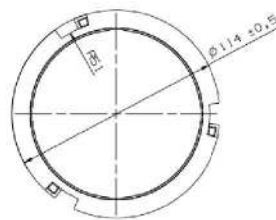
Benefits

- Simple and stylish for design-in
- Reliable and value-for-money
- Full portfolio



Features

- Integrated driver, heat sink and optics
- Same form factor as DLM FS Gen 1
- 25,000 hours lifetime and 2 years warranty
- CRI 80 and lm/W >75
- Color temperatures: 3000K, 4000K and 5000K
- 2 form factors: 4 inch and 6 inch



CertaFlux DL-S 4"



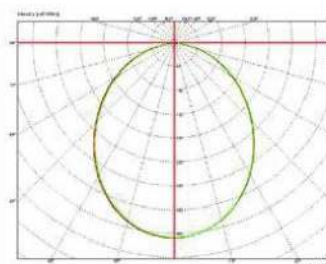
CertaFlux DL-S 6"



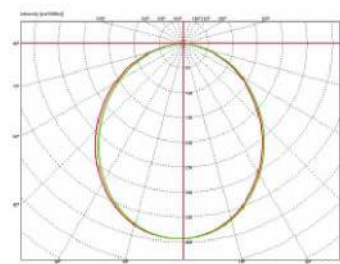
Applications

Ideal for replacing compact fluorescent solutions in various applications :

- Offices
- Public buildings
- Hospitality
- Retail



CertaFlux DL-S 4" 900lm



CertaFlux DL-S 4" 2000lm

WHITE MOON 4 DL-S

VEWA



Indoor | Downlight systems



IP
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Applications

The all new CertaFlux DL-S is well designed to be modern and stylish with an integrated heat sink and a compact driver, making it simple for OEM design-in. This makes development of a downlight solution simple, fast and efficient.

Compared with the DLM-FS, CertaFlux DL-S offers a wider range to suit your applications. Lumen packages have been adjusted to account for actual application conditions (non-visible LEDs) after the mounting of deco-rings with diffusers.

Product Features

- Integrated driver, heat sink and optics
- Same form factor as DLM FS Gen 1
- 25,000 hours lifetime and 2 years warranty
- CRI 80 and lm/W >75
- Color temperatures: 3000K, 4000K and 5000K

Specification

Type	: Circular Downlight
Modules	: Philips Fortimo CertaFlux DL-S 900lm
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm.
	Sprayed painting by powder coat polyester finishing covered



Dimension (mm.)

Ø95mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
WHITE MOON 4 1 x CertaFlux DL-S 900lm 830	LPD-WM4DLS-XX-XX	900 lm	11.4 W	78.9 lm/W	3000 K	102°	80	25,000 Hrs
WHITE MOON 4 1 x CertaFlux DL-S 900lm 840	LPD-WM4DLS-XX-XX	900 lm	11.4 W	78.9 lm/W	4000 K	102°	80	25,000 Hrs
WHITE MOON 4 1 x CertaFlux DL-S 900lm 850	LPD-WM4DLS-XX-XX	900 lm	11.4 W	78.9 lm/W	5000 K	102°	80	25,000 Hrs

Suitable for



Shop

Home

Hotel

Hospitality

Office

Modified : 30/6/2558

LED Indoor Fortimo Series 2015-2016



For further information visit the website
www.vewalight.com

WHITE MOON 5 DL-S

VEWA



Indoor | Downlight systems



Applications

Certaflux DL-S module takes the final barriers out of LED downlight conversion. The innovative design with integrated heat sink and reflector makes OEM Design-In simple and allows for a fast and efficient development.

The breakthrough system cost means that Certaflux DL-S fixtures get the edge over conventional competitors and demonstrate clear value over conventional down lighting solutions.

Product Features

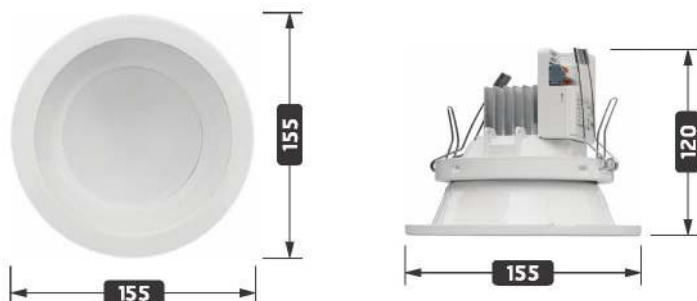
The Certaflux DL-S module would be integrated into a downlight fixture that can be used in a variety of indoor down lighting applications such as found commonly in hotel lobbies, schools, meeting rooms, restaurants and cafes, etc.

The product portfolio covers a lumen range of 900 lm and 2000lm with color temperatures of 3000K, 4000K and 5000K.

Specification

Type	: Circular Downlight
Modules	: Philips Fortimo CertaFlux DL-S
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm.
	Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
WHITE MOON 5 1 x CertaFlux DL-S 900lm 830	LPD-WMSDLS-XX-XX	900 lm	11.4 W	78.9 lm/W	3000 K	102°	80	25,000 Hrs
WHITE MOON 5 1 x CertaFlux DL-S 900lm 840	LPD-WMSDLS-XX-XX	900 lm	11.4 W	78.9 lm/W	4000 K	102°	80	25,000 Hrs
WHITE MOON 5 1 x CertaFlux DL-S 900lm 850	LPD-WMSDLS-XX-XX	900 lm	11.4 W	78.9 lm/W	5000 K	102°	80	25,000 Hrs

Suitable for



WHITE MOON 5 DL-S (MINI TRIM)

VEWA



Indoor | Downlight systems



IP
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Applications

The all new CertaFlux DL-S is well designed to be modern and stylish with an integrated heat sink and a compact driver, making it simple for OEM design-in. This makes development of a downlight solution simple, fast and efficient.

Compared with the DLM-FS, CertaFlux DL-S offers a wider range to suit your applications. Lumen packages have been adjusted to account for actual application conditions (non-visible LEDs) after the mounting of deco-rings with diffusers.

Product Features

- Integrated driver, heat sink and optics
- Same form factor as DLM FS Gen 1
- 25,000 hours lifetime and 2 years warranty
- CRI 80 and lm/W >75
- Color temperatures: 3000K, 4000K and 5000K

Specification

Type	: Circular Downlight
Modules	: Philips Fortimo CertaFlux DL-S 900lm
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm.
	Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)

Ø145mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
WHITE MOON 5 1 x CertaFlux DL-S 900lm 830	LPD-WM5DLS-XX-XX	900 lm	11.4 W	78.9 lm/W	3000 K	102°	80	25,000 Hrs
WHITE MOON 5 1 x CertaFlux DL-S 900lm 840	LPD-WM5DLS-XX-XX	900 lm	11.4 W	78.9 lm/W	4000 K	102°	80	25,000 Hrs
WHITE MOON 5 1 x CertaFlux DL-S 900lm 850	LPD-WM5DLS-XX-XX	900 lm	11.4 W	78.9 lm/W	5000 K	102°	80	25,000 Hrs

Suitable for



Modified : 30/6/2558

LED Indoor Fortimo Series 2015-2016



For further information visit the website
www.vewalight.com

SQUARE MOON 5 DL-S

VEWA

Indoor | Downlight systems



Applications

The all new CertaFlux DL-S is well designed to be modern and stylish with an integrated heat sink and a compact driver, making it simple for OEM design-in. This makes development of a downlight solution simple, fast and efficient.

Compared with the DLM-FS, CertaFlux DL-S offers a wider range to suit your applications. Lumen packages have been adjusted to account for actual application conditions (non-visible LEDs) after the mounting of deco-rings with diffusers.

Product Features

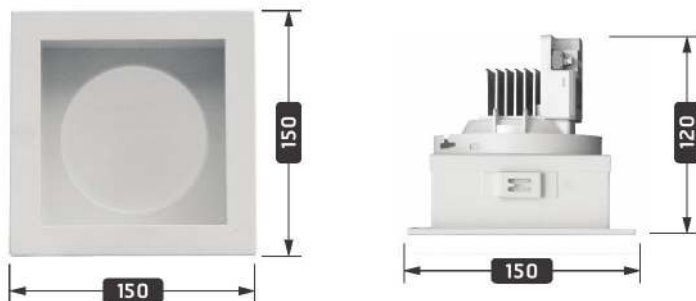
- Integrated driver, heat sink and optics
- Same form factor as DLM FS Gen 1
- 25,000 hours lifetime and 2 years warranty
- CRI 80 and lm/W >75
- Color temperatures: 3000K, 4000K and 5000K

Specification

Type	: Circular Downlight
Modules	: Philips Fortimo CertaFlux DL-S 900lm
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm.
Sprayed painting by powder coat polyester finishing covered	

Dimension (mm.)

135x135mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
SQUARE MOON 5 1x CertaFlux DL-S 900lm 830	LPD-SMSDLS-XX-XX	900 lm	11.4 W	78.9 lm/W	3000 K	102°	80	25,000 Hrs
SQUARE MOON 5 1x CertaFlux DL-S 900lm 840	LPD-SMSDLS-XX-XX	900 lm	11.4 W	78.9 lm/W	4000 K	102°	80	25,000 Hrs
SQUARE MOON 5 1x CertaFlux DL-S 900lm 850	LPD-SMSDLS-XX-XX	900 lm	11.4 W	78.9 lm/W	5000 K	102°	80	25,000 Hrs

Suitable for



WHITE MOON 6 DL-S

VEWA



Indoor | Downlight systems



IP
20



Applications

The all new CertaFlux DL-S is well designed to be modern and stylish with an integrated heat sink and a compact driver, making it simple for OEM design-in. This makes development of a downlight solution simple, fast and efficient.

Compared with the DLM-FS, CertaFlux DL-S offers a wider range to suit your applications. Lumen packages have been adjusted to account for actual application conditions (non-visible LEDs) after the mounting of deco-rings with diffusers.

Product Features

- Integrated driver, heat sink and optics
- Same form factor as DLM FS Gen 1
- 25,000 hours lifetime and 2 years warranty
- CRI 80 and lm/W >75
- Color temperatures: 3000K, 4000K and 5000K

Specification

Type	: Circular Downlight
Modules	: Philips Fortimo CertaFlux DL-S 2000lm
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm.
	Sprayed painting by powder coat polyester finishing covered



Dimension (mm.)

Ø180mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
WHITE MOON 6 1 x CertaFlux DL-S 2000lm 830	LPD-WM6DLS-XX-XX	2000 lm	24.1 W	82.9 lm/W	3000 K	102°	80	25,000 Hrs
WHITE MOON 6 1 x CertaFlux DL-S 2000lm 840	LPD-WM6DLS-XX-XX	2000 lm	24.1 W	82.9 lm/W	4000 K	102°	80	25,000 Hrs
WHITE MOON 6 1 x CertaFlux DL-S 2000lm 850	LPD-WM6DLS-XX-XX	2000 lm	24.1 W	82.9 lm/W	5000 K	102°	80	25,000 Hrs

Suitable for



Modified : 30/6/2558

LED Indoor Fortimo Series 2015-2016



For further information visit the website
www.vewalight.com

WHITE MOON 7 DL-S

VEWA



Indoor | Downlight systems



Applications

The all new CertaFlux DL-S is well designed to be modern and stylish with an integrated heat sink and a compact driver, making it simple for OEM design-in. This makes development of a downlight solution simple, fast and efficient.

Compared with the DLM-FS, CertaFlux DL-S offers a wider range to suit your applications. Lumen packages have been adjusted to account for actual application conditions (non-visible LEDs) after the mounting of deco-rings with diffusers.

Product Features

- Integrated driver, heat sink and optics
- Same form factor as DLM FS Gen 1
- 25,000 hours lifetime and 2 years warranty
- CRI 80 and lm/W >75
- Color temperatures: 3000K, 4000K and 5000K

Specification

Type	: Circular Downlight
Modules	: Philips Fortimo CertaFlux DL-S 2000lm
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm.
Sprayed painting by powder coat polyester finishing covered	

Dimension (mm.)

Ø 200mm.



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
WHITE MOON 7 1 x CertaFlux DL-S 2000lm 830	LPD-WM7DLS-XX-XX	2000 lm	24.1 W	82.9 lm/W	3000 K	102°	80	25,000 Hrs
WHITE MOON 7 1 x CertaFlux DL-S 2000lm 840	LPD-WM7DLS-XX-XX	2000 lm	24.1 W	82.9 lm/W	4000 K	102°	80	25,000 Hrs
WHITE MOON 7 1 x CertaFlux DL-S 2000lm 850	LPD-WM7DLS-XX-XX	2000 lm	24.1 W	82.9 lm/W	5000 K	102°	80	25,000 Hrs

Suitable for



Modified : 30/6/2558

LED Indoor Fortimo Series 2015-2016



For further information visit the website
www.vewalight.com

Indoor | Downlight systems



Applications

The all new CertaFlux DL-S is well designed to be modern and stylish with an integrated heat sink and a compact driver, making it simple for OEM design-in. This makes development of a downlight solution simple, fast and efficient.

Compared with the DLM-FS, CertaFlux DL-S offers a wider range to suit your applications. Lumen packages have been adjusted to account for actual application conditions (non-visible LEDs) after the mounting of deco-rings with diffusers.

Product Features

- Integrated driver, heat sink and optics
- Same form factor as DLM FS Gen 1
- 25,000 hours lifetime and 2 years warranty
- CRI 80 and lm/W >75
- Color temperatures: 3000K, 4000K and 5000K

Specification

Type	: Circular Downlight
Modules	: Philips Fortimo CertaFlux DL-S 900lm
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm.
	Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
MICRO 1 x CertaFlux DL-S 900lm 830	LPD-MICDLS-XX-XX	900 lm	11.4 W	78.9 lm/W	3000 K	102°	80	25,000 Hrs
MICRO 1 x CertaFlux DL-S 900lm 840	LPD-MICDLS-XX-XX	900 lm	11.4 W	78.9 lm/W	4000 K	102°	80	25,000 Hrs
MICRO 1 x CertaFlux DL-S 900lm 850	LPD-MICDLS-XX-XX	900 lm	11.4 W	78.9 lm/W	5000 K	102°	80	25,000 Hrs

Suitable for



Indoor | Downlight systems



Applications

The all new CertaFlux DL-S is well designed to be modern and stylish with an integrated heat sink and a compact driver, making it simple for OEM design-in. This makes development of a downlight solution simple, fast and efficient.

Compared with the DLM-FS, CertaFlux DL-S offers a wider range to suit your applications. Lumen packages have been adjusted to account for actual application conditions (non-visible LEDs) after the mounting of deco-rings with diffusers.

Product Features

- Integrated driver, heat sink and optics
- Same form factor as DLM FS Gen 1
- 25,000 hours lifetime and 2 years warranty
- CRI 80 and lm/W >75
- Color temperatures: 3000K, 4000K and 5000K

Specification

Type	: Circular Downlight
Modules	: Philips Fortimo CertaFlux DL-S 900 , 2000lm
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm.
	Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
MID 1 x CertaFlux DL-S 900lm 830	LPD-MINDLS-XX-XX	900 lm	11.4 W	78.9 lm/W	3000 K	102°	80	25,000 Hrs
MID 1 x CertaFlux DL-S 900lm 840	LPD-MINDLS-XX-XX	900 lm	11.4 W	78.9 lm/W	4000 K	102°	80	25,000 Hrs
MID 1 x CertaFlux DL-S 900lm 850	LPD-MINDLS-XX-XX	900 lm	11.4 W	78.9 lm/W	5000 K	102°	80	25,000 Hrs
MID 1 x CertaFlux DL-S 2000lm 830	LPD-MINDLS-XX-XX	2000 lm	24.1 W	82.9 lm/W	3000 K	102°	80	25,000 Hrs
MID 1 x CertaFlux DL-S 2000lm 840	LPD-MINDLS-XX-XX	2000 lm	24.1 W	82.9 lm/W	4000 K	102°	80	25,000 Hrs
MID 1 x CertaFlux DL-S 2000lm 850	LPD-MINDLS-XX-XX	2000 lm	24.1 W	82.9 lm/W	5000 K	102°	80	25,000 Hrs

Suitable for



Indoor | Downlight systems



Applications

The all new CertaFlux DL-S is well designed to be modern and stylish with an integrated heat sink and a compact driver, making it simple for OEM design-in. This makes development of a downlight solution simple, fast and efficient.

Compared with the DLM-FS, CertaFlux DL-S offers a wider range to suit your applications. Lumen packages have been adjusted to account for actual application conditions (non-visible LEDs) after the mounting of deco-rings with diffusers.

Product Features

- Integrated driver, heat sink and optics
- Same form factor as DLM FS Gen 1
- 25,000 hours lifetime and 2 years warranty
- CRI 80 and lm/W >75
- Color temperatures: 3000K, 4000K and 5000K

Specification

Type	: Circular Downlight
Modules	: Philips Fortimo CertaFlux DL-S 2000lm
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm.
	Sprayed painting by powder coat polyester finishing covered

Dimension (mm.)



Product specification

Product Model	Product Code	Lumen	Wattage	System Efficacy	Color Temp.	Beam Angle	CRI	Life Time
MAX 1 x CertaFlux DL-S 2000lm 830	LPD-WAXDLS-XX-XX	2000 lm	24.1 W	82.9 lm/W	3000 K	102°	80	25,000 Hrs
MAX 1 x CertaFlux DL-S 2000lm 840	LPD-WAXDLS-XX-XX	2000 lm	24.1 W	82.9 lm/W	4000 K	102°	80	25,000 Hrs
MAX 1 x CertaFlux DL-S 2000lm 850	LPD-WAXDLS-XX-XX	2000 lm	24.1 W	82.9 lm/W	5000 K	102°	80	25,000 Hrs

Suitable for



Fortimo LED Strip GEN 3

LED Modules By **PHILIPS** **Zhaga**



Overview

Fortimo LED Strip systems are ideal for use in slim designed and miniature luminaires for architectural applications which were not possible previously with fluorescent lighting or Fortimo LED Line.

This third-generation LED Strip offers best-in-class module efficiency and lumen packages comparable to that of traditional fluorescent lighting and Fortimo LED Line.

This system is ideal for use in luminaires for direct lighting in offices, banks, schools, public buildings, supermarkets and any applications in areas where fluorescent lighting is used predominantly.



Features

- **State-of-the-art LED module efficiency of up to 165 lm/W**
- Range extensions
 - New 1 ft 1100 lm module in HV and LV
 - New 2 ft 2200 lm module in HV and LV
 - Both with symmetrical LED positioning and 20 mm width
- Quality of light
 - CRI 90 (4000 K) added to the portfolio
 - Cool white CCT 850 added to the portfolio
 - Excellent color consistency of 3 SDCM
- Robust push-in connector with wire stopper to ensure wire is inserted fully without damaging the connector
- Wide case temperature (Tc) range from -40 °C to +80 °C providing more freedom in application usage
- System release with the Xitanium Industry drivers



Benefits

- A smaller L2 board enables the design of small luminaires
- Increased energy efficiency
- Applicable for compact fluorescent luminaires
- Smart system with Xitanium driver



Applications

- Office environment
- Industry
- Retail

GREEN BATTEN LED STRIP

VEWA

Indoor | LED Batten Type



PHILIPS
Fortimo LED Module
GEN3



Applications

Fortimo LED Strip systems are ideal for use in slim designed and miniature luminaires for architectural applications which were not possible previously with fluorescent lighting or Fortimo LED Line.

This system is ideal for use in luminaires for direct lighting in offices, banks, schools, public buildings, supermarkets and any applications in areas where fluorescent lighting is used predominantly.

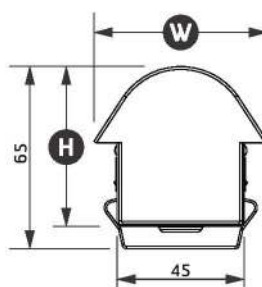
Product Features

- State-of-the-art LED module efficiency of up to 165lm/W
- High color rendering (CRI >80 and >90)
- Excellent color consistency of 3 SDCM
- Color temperatures: 3000K, 4000K, 5000K and 6500K
- Wide case temperature (Tc) range from -40 °C to +80 °C

Specification

Type	: LED Batten Type
Modules	: Philips Fortimo CertaFlux LED Strip GEN 3
Housing	: Manufactured by Electro Galvanized metal Thickness 0.60-0.80 mm. Sprayed painting by powder coat polyester finishing covered
Diffuser	: Plastic Diffuser
Wiring	: Cable size AWG 20. Operate under 105°C maximum Voltage 600V by TIS No.11-2531

Dimension (mm.)



Product specification

Product Model	Size W L H	Lumen	Modules Wattage	Modules Efficacy	Color Temp.	CRI	Life Time
GREEN BATTEN LED Strip 2ft 2 x 2200lm 830 1R HV3	60x1130x57	4240 lm	27 W	155 lm/W	3000 K	>80	50,000 Hrs
GREEN BATTEN LED Strip 2ft 2 x 2200lm 840 1R HV3	60x1130x57	4400 lm	27.5 W	160 lm/W	4000 K	>80	50,000 Hrs
GREEN BATTEN LED Strip 2ft 2 x 2200lm 865 1R HV3	60x1130x57	4440 lm	27.5 W	162 lm/W	5000 K	>80	50,000 Hrs

Suitable for



OPAL TYPE LED STRIP

VEWA

Indoor | LED Continuous linear lighting



Applications

Fortimo LED Strip systems are ideal for use in slim designed and miniature luminaires for architectural applications which were not possible previously with fluorescent lighting or Fortimo LED Line.

This system is ideal for use in luminaires for direct lighting in offices, banks, schools, public buildings, supermarkets and any applications in areas where fluorescent lighting is used predominantly.

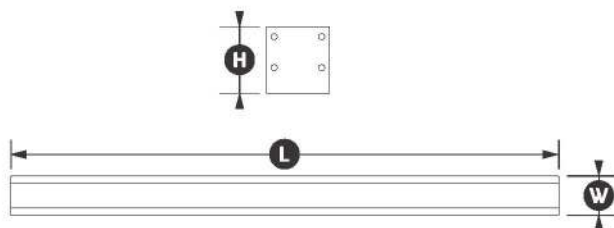
Product Features

- State-of-the-art LED module efficiency of up to 165lm/W
- High color rendering (CRI >80 and >90)
- Excellent color consistency of 3 SDCM
- Color temperatures: 3000K, 4000K, 5000K and 6500K
- Wide case temperature (Tc) range from -40 °C to +80 °C

Specification

Type	: LED Continuous linear lighting
Modules	: Philips Fortimo CertaFlux LED Strip GEN 3
Housing	: Manufactured by Electro Galvanized metal Thickness 0.6 - 0.8 mm. Sprayed painting by powder coat polyester finishing covered
Diffuser	: Opal Diffuser (PMMA)
Wiring	: Cable size AWG 20. Operate under 105°C maximum Voltage 600V by TIS No.11-2531

Dimension (mm.)



Product specification

Product Model	Size W L H	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
OPAL TYPE LED Strip 2ft 2 x 2200lm 830 1R HV3	80x1175x80	4240 lm	27 W	155 lm/W	3000 K	>80	50,000 Hrs
OPAL TYPE LED Strip 2ft 2 x 2200lm 840 1R HV3	80x1175x80	4400 lm	27.5 W	160 lm/W	4000 K	>80	50,000 Hrs
OPAL TYPE LED Strip 2ft 2 x 2200lm 865 1R HV3	80x1175x80	4440 lm	27.5 W	162 lm/W	6500 K	>80	50,000 Hrs

Suitable for



BAZAAR LED STRIP

VEWA

Indoor | LED Batten Type



Continuous Connected



Combine continuous light lines



Applications

Fortimo LED Strip systems are ideal for use in slim designed and miniature luminaires for architectural applications which were not possible previously with fluorescent lighting or Fortimo LED Line.

This system is ideal for use in luminaires for direct lighting in offices, banks, schools, public buildings, supermarkets and any applications in areas where fluorescent lighting is used predominantly.

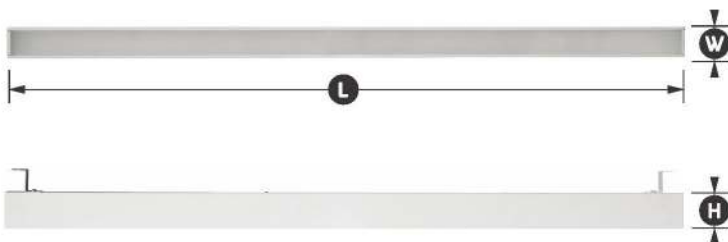
Product Features

- State-of-the-art LED module efficiency of up to 165lm/W
- High color rendering (CRI >80 and >90)
- Excellent color consistency of 3 SDCM
- Color temperatures: 3000K, 4000K, 5000K and 6500K
- Wide case temperature (Tc) range from -40 °C to +80 °C

Specification

Type	: LED Batten Type
Modules	: Philips Fortimo CertaFlux LED Strip GEN3
Housing	: Manufactured by Electro Galvanized metal Thickness 0.50 mm. Sprayed painting by powder coat polyester finishing covered
Diffuser	: Opal Acrylic Diffuser, Thickness 0.50 mm.
Wiring	: Cable size AWG 24. Operate under 105°C maximum Voltage 600V by TIS No.11-2531

Dimension (mm.)



Product specification

Product Model	Size W L H	Lumen	Modules Wattage	Modules Efficacy	Color Temp.	CRI	Life Time
BAZAAR LED Strip 2ft 2 x 2200lm 830 1R HV3	40x1130x50	4240 lm	27 W	155 lm/W	3000 K	>80	50,000 Hrs
BAZAAR LED Strip 2ft 2 x 2200lm 840 1R HV3	40x1130x50	4400 lm	27.5 W	160 lm/W	4000 K	>80	50,000 Hrs
BAZAAR LED Strip 2ft 2 x 2200lm 865 1R HV3	40x1130x50	4440 lm	27.5 W	162 lm/W	5500 K	>80	50,000 Hrs

Suitable for



Modified : 30/6/2558

LED Indoor Fortimo Series 2015-2016

For further information visit the website
www.vewalight.com

PLAZA LED STRIP

VEWA

Indoor | LED Batten Type



Optional modules for high lumen
(LED line High Flux GEN 2)

Applications

Fortimo LED Strip systems are ideal for use in slim designed and miniature luminaires for architectural applications which were not possible previously with fluorescent lighting or Fortimo LED Line.

This system is ideal for use in luminaires for direct lighting in offices, banks, schools, public buildings, supermarkets and any applications in areas where fluorescent lighting is used predominantly.

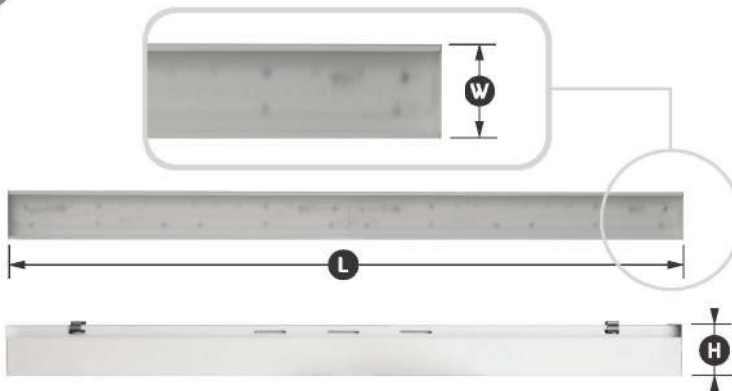
Product Features

- State-of-the-art LED module efficiency of up to 165lm/W
- High color rendering (CRI >80 and >90)
- Excellent color consistency of 3 SDCM
- Color temperatures: 3000K, 4000K, 5000K and 6500K
- Wide case temperature (Tc) range from -40 °C to +80 °C

Specification

Type	: LED Batten Type
Modules	: Philips Fortimo CertaFlux LED Strip GEN 3 Philips Fortimo LED Line High Flux GEN 2
Housing	: Manufactured by Electro Galvanized metal Thickness 0.50 mm. Sprayed painting by powder coat polyester finishing covered
Diffuser	: Opal Acrylic Diffuser, Thickness 0.50 mm.
Wiring	: Cable size AWG 24. Operate under 105°C maximum Voltage 600V by TIS No.11-2531

Dimension (mm.)



Product specification

Product Model	Size W L H	Lumen	Modules Wattage	Modules Efficacy	Color Temp.	CRI	Life Time
PLAZA LED Strip 2 x 2200lm 830 1R HV3	60x1130x57	4240 lm	27 W	155 lm/W	3000 K	>80	50,000 Hrs
PLAZA LED Strip 2 x 2200lm 840 1R HV3	60x1130x57	4400 lm	27.5 W	160 lm/W	4000 K	>80	50,000 Hrs
PLAZA LED Strip 2 x 2200lm 865 1R HV3	60x1130x57	4440 lm	27.5 W	162 lm/W	5000 K	>80	50,000 Hrs
PLAZA LED High Flux 2 x 4000lm 830 1R HV2	60x1130x57	7640 lm	56.4 W	135 lm/W	3000 K	>80	50,000 Hrs
PLAZA LED High Flux 2 x 4000lm 840 1R HV2	60x1130x57	8000 lm	56.4 W	142 lm/W	4000 K	>80	50,000 Hrs
PLAZA LED High Flux 2 x 4000lm 865 1R HV2	60x1130x57	8060 lm	56.4 W	143 lm/W	5000 K	>80	50,000 Hrs

Suitable for



For further information visit the website
www.vewalight.com

CURVE-1 LED STRIP

VEWA

Indoor | LED Recessed Indirect Light



Applications

Fortimo LED Strip systems are ideal for use in slim designed and miniature luminaires for architectural applications which were not possible previously with fluorescent lighting or Fortimo LED Line.

This system is ideal for use in luminaires for direct lighting in offices, banks, schools, public buildings, supermarkets and any applications in areas where fluorescent lighting is used predominantly.

Product Features

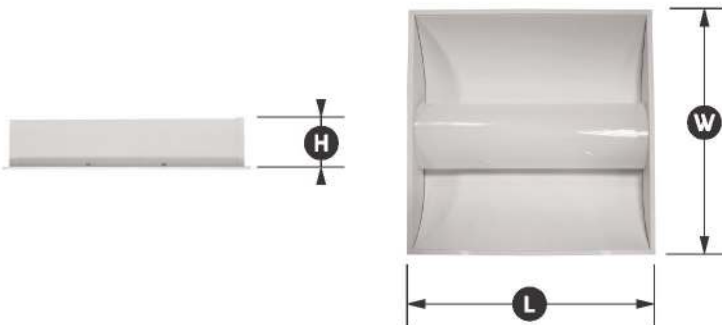
- State-of-the-art LED module efficiency of up to 165lm/W
- High color rendering (CRI >80 and >90)
- Excellent color consistency of 3 SDCM
- Color temperatures: 3000K, 4000K, 5000K and 6500K
- Wide case temperature (Tc) range from -40 °C to +80 °C

Specification

Type	: LED Recessed Indirect light
Modules	: Philips Fortimo CertaFlux LED Strip GEN3
Housing	: Manufactured by Electro Galvanized metal Thickness 0.60 mm. Sprayed painting by powder coat polyester finishing covered
Diffuser	: Opal Curved Diffuser (PMMA)
Wiring	: Cable size AWG 20. Operate under 105°C maximum Voltage 600V by TIS No.11-2531

Dimension (mm.)

580x580mm.



Product specification

Product Model	Size W L H	Lumen	Modules Wattage	Modules Efficacy	Color Temp.	CRI	Life Time
CURVE-1 LED Strip 2ft 2 x 2200lm 830 1R HV3	595x595x100	4240 lm	27 W	155 lm/W	3000 K	>80	50,000 Hrs
CURVE-1 LED Strip 2ft 2 x 2200lm 840 1R HV3	595x595x100	4400 lm	27.5 W	160 lm/W	4000 K	>80	50,000 Hrs
CURVE-1 LED Strip 2ft 2 x 2200lm 865 1R HV3	595x595x100	4440 lm	27.5 W	162 lm/W	6500 K	>80	50,000 Hrs

Suitable for



EMPORIUM LED STRIP

VEWA

Indoor | LED Surface Mounted & Suspended Type



Applications

Fortimo LED Strip systems are ideal for use in slim designed and miniature luminaires for architectural applications which were not possible previously with fluorescent lighting or Fortimo LED Line.

This system is ideal for use in luminaires for direct lighting in offices, banks, schools, public buildings, supermarkets and any applications in areas where fluorescent lighting is used predominantly.

Product Features

- State-of-the-art LED module efficiency of up to 165lm/W
- High color rendering (CRI >80 and >90)
- Excellent color consistency of 3 SDCM
- Color temperatures: 3000K, 4000K, 5000K and 6500K
- Wide case temperature (Tc) range from -40 °C to +80 °C

Specification

Type	: LED Surface Mounted & Suspended Type
Modules	: Philips Fortimo CertaFlux LED Strip GEN 3
Housing	: Manufactured by Electro Galvanized metal Thickness 0.60 mm. Sprayed painting by powder coat polyester finishing covered
Diffuser	: Opal Diffuser (PMMA)
Wiring	: Cable size AWG 20. Operate under 105°C maximum Voltage 600V by TIS No.11-2531

Dimension (mm.)



Product specification

Product Model	Size W L H	Lumen	Modules Wattage	Modules Efficacy	Color Temp.	CRI	Life Time
EMPORIUM LED Strip 2ft 4 x 2200lm 830 1R HV3	225x1178x70	8480 lm	54 W	155 lm/W	3000 K	>80	50,000 Hrs
EMPORIUM LED Strip 2ft 4 x 2200lm 840 1R HV3	225x1178x70	8800 lm	55 W	160 lm/W	4000 K	>80	50,000 Hrs
EMPORIUM LED Strip 2ft 4 x 2200lm 865 1R HV3	225x1178x70	8880 lm	55 W	162 lm/W	5500 K	>80	50,000 Hrs

Suitable for



Modified : 30/6/2558

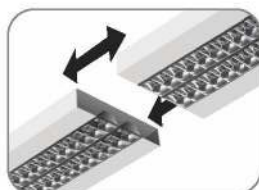
LED Indoor Fortimo Series 2015-2016

For further information visit the website
www.vewalight.com

Indoor | LED Surface Mounted & Suspended Type



Y shape wire for lights hanging



Continuous connected



Recessed style



Applications

Fortimo LED Strip systems are ideal for use in slim designed and miniature luminaires for architectural applications which were not possible previously with fluorescent lighting or Fortimo LED Line.

This system is ideal for use in luminaires for direct lighting in offices, banks, schools, public buildings, supermarkets and any applications in areas where fluorescent lighting is used predominantly.

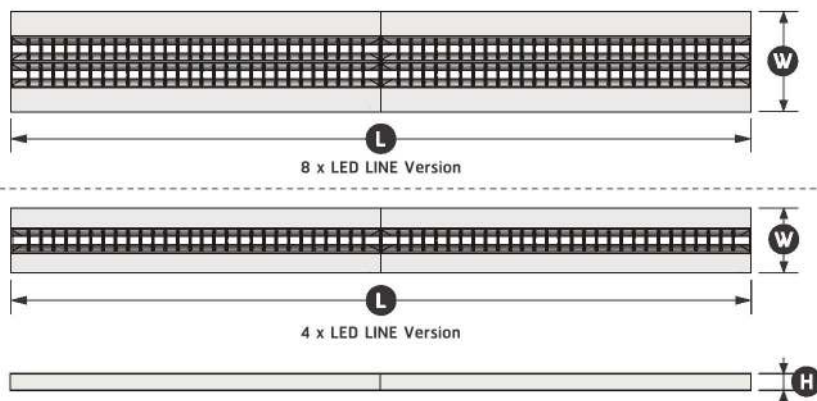
Product Features

- State-of-the-art LED module efficiency of up to 165lm/W
- High color rendering (CRI >80 and >90)
- Excellent color consistency of 3 SDCM
- Color temperatures: 3000K, 4000K, 5000K and 6500K
- Wide case temperature (Tc) range from -40 °C to +80 °C

Specification

Type	: LED Surface Mounted & Suspended Type
Modules	: Philips Fortimo CertaFlux LED Strip GEN 3
Housing	: Manufactured by Electro Galvanized metal Thickness 0.60 mm. Sprayed painting by powder coat polyester finishing covered
Diffuser	: Mirror Anodized Aluminium Louver
Wiring	: Cable size AWG 20. Operate under 105°C maximum Voltage 600V by TIS No.11-2531

Dimension (mm.)



Product specification

Product Model	Size W L H	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
VIEW LED Strip 2ft 4 x 2200lm 830 1R HV3	150x2400x60	8480 lm	54 W	155 lm/W	3000 K	>80	50,000 Hrs
VIEW LED Strip 2ft 4 x 2200lm 840 1R HV3	150x2400x60	8800 lm	55 W	160 lm/W	4000 K	>80	50,000 Hrs
VIEW LED Strip 2ft 4 x 2200lm 865 1R HV3	150x2400x60	8880 lm	55 W	162 lm/W	5500 K	>80	50,000 Hrs
VIEW LED Strip 2ft 8 x 2200lm 830 1R HV3	240x2400x60	16960 lm	108 W	160 lm/W	3000 K	>80	50,000 Hrs
VIEW LED Strip 2ft 8 x 2200lm 840 1R HV3	240x2400x60	17600 lm	110 W	162 lm/W	4000 K	>80	50,000 Hrs
VIEW LED Strip 2ft 8 x 2200lm 865 1R HV3	240x2400x60	17760 lm	110 W	162 lm/W	5500 K	>80	50,000 Hrs

Suitable for



Indoor | Recessed LED Panel



Applications

The Fortimo LED line square systems consist of white light LED modules with square outer dimensions delivering high energy efficiency and high quality of homogeneous light.

These smart systems are completed with the Xitanium drivers, which enable easy generation management (future proof) and offer the flexibility to meet various application requirements.

The Fortimo LED line square systems are designed to replace fluorescent lighting in recessed, surface mounted and suspended office luminaires.

Product Features

- LED module efficiency up to 175 lm/w
- Long life-time : >50,000 hours
- High color rendering (CRI >80)
- Excellent color consistency of 3 SDCM
- Choice of color temperatures (3000 K ,4000 K and 6500 K)
- Tunable lumen output, efficacy and lifetime
- Wide temperature (Tc) range from -40 °C to +80 °C
- Push-in connectors enabling automated wiring

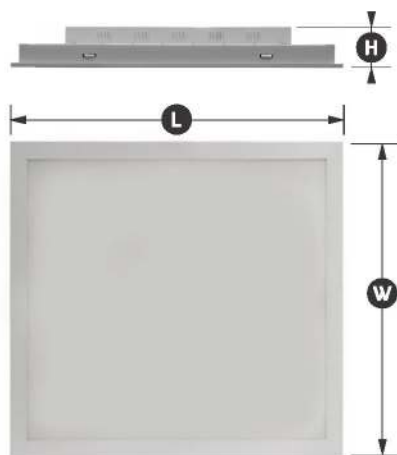
Specification

Type	: Recessed LED Panel
Modules	: Philips Fortimo LED Line Square
Housing	: Manufactured by Electro Galvanized metal Thickness 0.6mm. Sprayed painting by powder coat polyester finishing covered
Diffuser	: Opal Acrylic Diffuser Thickness 1.5 mm.
Wiring	: Cable size AWG 24. Operate under 105°C maximum Voitage 600V by TIS No.11-2531

Dimension (mm.)



SKY BRIGHT Size 300x1200



SKY BRIGHT Size 600x600

Product specification

Product Model	Size W L H	Lumen	Wattage	System Efficacy	Color Temp.	CRI	Life Time
SKY BRIGHT 300x1200 LED LINE Square 2 x 2500	295x1195x95	5000 lm	29.4 W	170 lm/W	4000 K 6500 K	>80	50,000 Hrs
SKY BRIGHT 600x600 LED LINE Square 2 x 2500	595x595x95	5000 lm	29.4 W	170 lm/W	4000 K 6500 K	>80	50,000 Hrs

Suitable for



Economic Products

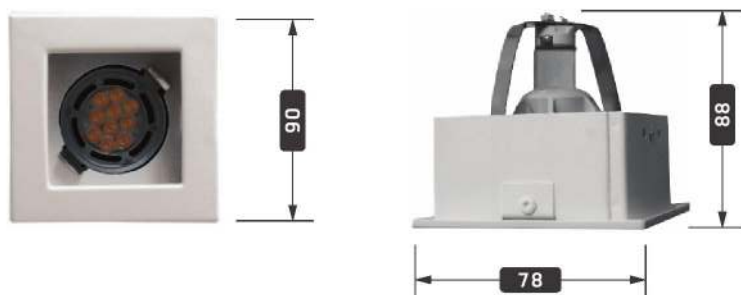


Indoor | Economic Downlight



Dimension (mm.)

80x80mm.



Product Features

- Up to 85% energy saving compared to LED MR16 lamp
- Reduces energy costs by 80% over incandescent lamp
- Ideal for the replacement of incandescent lamps
- Its small size is perfect for any general lighting application
- Recommended to be used in open luminaires

Specification

Type	: Recessed Square Downlight
Lamp	: Philips Essential LED MR16 Philips Master LED MR16
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Product specification

Product Model	Lamp Type	Cap Base	Size (W x L x H) mm.
VERVE ECON	1 x Essential LED MR16	GU5.3	78 x 78 x 88
VERVE ECON	1 x Master LED MR16	GU5.3	78 x 78 x 88

Suitable for



With Philips
Electronic Transformer
ET-S

HOOD-V MR16 ECON

VEWA

Indoor | Economic Downlight



Dimension (mm.)

117x117mm.



Product Features

- Up to 85% energy saving compared to LED MR16 lamp
- Reduces energy costs by 80% over incandescent lamp
- Ideal for the replacement of incandescent lamps
- Its small size is perfect for any general lighting application
- Recommended to be used in open luminaires

Specification

Type	: Recessed Square Downlight
Lamp	: Philips Essential LED MR16 Philips Master LED MR16
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Product specification

Product Model	Lamp Type	Cap Base	Size (W x L x H) mm.
HOOD-V MR16	1 x Essential LED MR16	GU5.3	125 x 125 x 175
HOOD-V MR16	1 x Master LED MR16	GU5.3	125 x 125 x 175

Suitable for

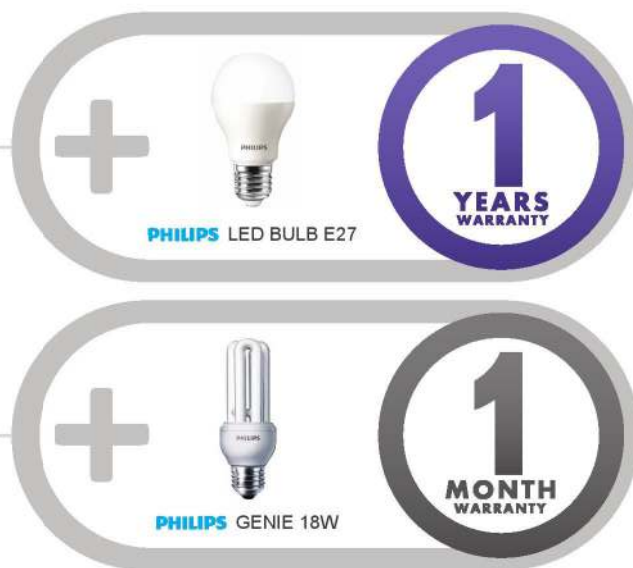


For further information visit the website
www.vewalight.com

HOOD-V E27 ECON

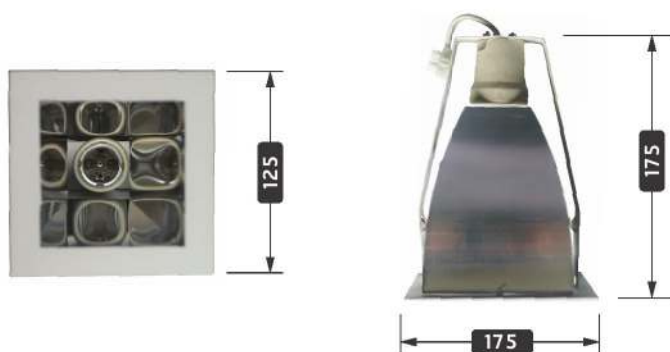
VEWA

Indoor | Economic Downlight



Dimension (mm.)

117x117mm.



Product Features

- Up to 85% energy saving compared to LED MR16 lamp
- Reduces energy costs by 80% over incandescent lamp
- Ideal for the replacement of incandescent lamps
- Its small size is perfect for any general lighting application
- Recommended to be used in open luminaires

Specification

Type	: Recessed Square Downlight
Lamp	: Philips LED BULB Philips GENIE 18W
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Product specification

Product Model	Lamp Type	Cap Base	Size (W x L x H) mm.
HOOD-V E27	1 x LED BULB	E27	125 x 125 x 175
HOOD-V E27	1 x GENIE 18W	E27	125 x 125 x 175

Suitable for



With Philips
Electronic Transformer
ET-S

HOOD-H E27 ECON

VEWA

Indoor | Economic Downlight



PHILIPS LED BULB E27



PHILIPS GENIE 18W



Dimension (mm.)

117x117mm.



125

Product Features

- Up to 85% energy saving compared to LED MR16 lamp
- Reduces energy costs by 80% over incandescent lamp
- Ideal for the replacement of incandescent lamps
- Its small size is perfect for any general lighting application
- Recommended to be used in open luminaires

Specification

Type	: Recessed Square Downlight
Lamp	: Philips LED BULB E27 Philips GENIE 18W
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered



Product specification

Product Model	Lamp Type	Cap Base	Size (W x L x H) mm.
HOOD-H E27	1 x LED BULB	E27	125 x 125 x 75
HOOD-H E27	1 x GENIE 18W	E27	125 x 125 x 75

Suitable for



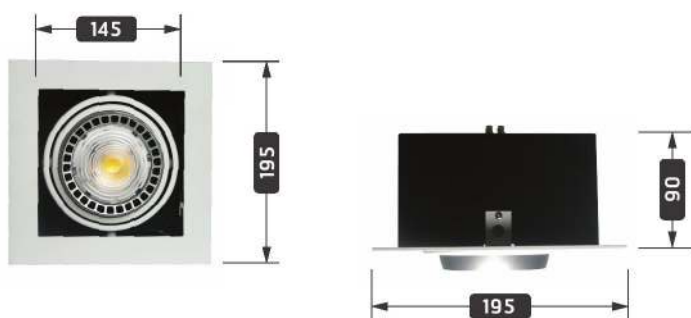
With Philips
Electronic Transformer
ET-S

Indoor | Economic Downlight



Dimension (mm.)

117x117mm.



Product Features

- Up to 85% energy saving compared to LED AR111 lamp
- Reduces energy costs by 80% over incandescent lamp
- Ideal for the replacement of incandescent lamps
- Its small size is perfect for any general lighting application
- Recommended to be used in open luminaires

Specification

Type	: Recessed Square Downlight
Lamp	: Philips Master LED AR111 Philips Master LEDspot AR111
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Product specification

Product Model	Lamp Type	Cap Base	Size (W x L x H) mm.
VIVID-1	1 x LED AR111	G53	195 x 195 x 90
VIVID-2	2 x LED AR111	G53	195 x 345 x 90
VIVID-3	3 x LED AR111	G53	195 x 345 x 90

Suitable for



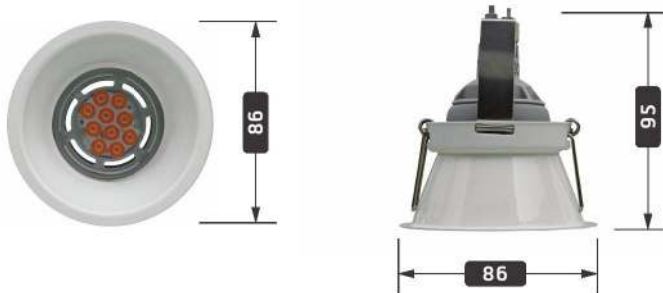
With Philips
Electronic Transformer
ET-S

Indoor | Economic Downlight



Dimension (mm.)

Ø74mm.



Product Features

- Up to 85% energy saving compared to LED MR16 lamp
- Reduces energy costs by 80% over incandescent lamp
- Ideal for the replacement of incandescent lamps
- Its small size is perfect for any general lighting application
- Recommended to be used in open luminaires

Specification

Type	: Recessed Circular Downlight
Lamp	: Philips Essential LED MR16 Philips Master LED MR16
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Product specification

Product Model	Lamp Type	Cap Base	Size (W x L x H) mm.
WHITE STAR	1 x Essential LED MR16	GU5.3	Ø86 x 95
WHITE STAR	1 x Master LED MR16	GU5.3	Ø86 x 95



With Philips Electronic Transformer ET-S

Suitable for

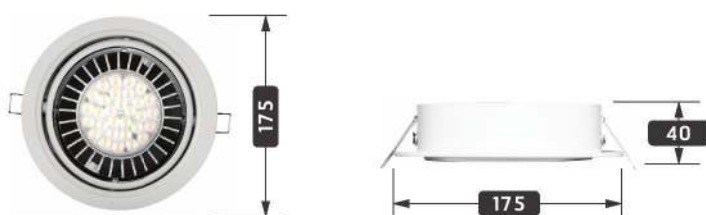


Indoor | Economic Downlight



Dimension (mm.)

Ø155mm.



Product Features

- Up to 85% energy saving compared to LED MR16 lamp
- Reduces energy costs by 80% over incandescent lamp
- Ideal for the replacement of incandescent lamps
- Its small size is perfect for any general lighting application
- Recommended to be used in open luminaires

Specification

Type	: Recessed Circular Downlight
Lamp	: OSRAM PrevaLED COIN 111 DC OSRAM PrevaLED COIN 111 AC
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Product specification

Product Model	Lamp Type	Cap Base	Size (W x L x H) mm.
CYCLONE	1 x PrevaLED COIN 111 DC	-	Ø175 x 40
CYCLONE	1 x PrevaLED COIN 111 AC	-	Ø175 x 40



With OSRAM
LED Power Supply
(Only DC lamp)

Suitable for

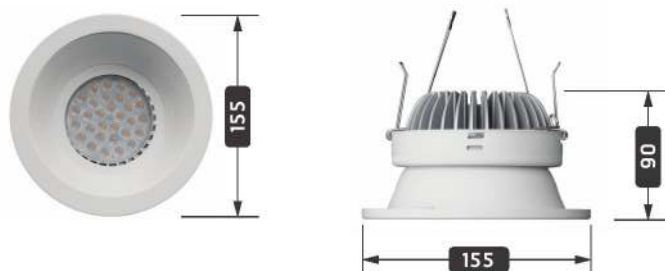


Indoor | Economic Downlight



Dimension (mm.)

Ø135mm.



Product Features

- Up to 85% energy saving compared to LED MR16 lamp
- Reduces energy costs by 80% over incandescent lamp
- Ideal for the replacement of incandescent lamps
- Its small size is perfect for any general lighting application
- Recommended to be used in open luminaires

Specification

Type	: Recessed Circular Downlight
Lamp	: OSRAM PrevaLED COIN 111 DC OSRAM PrevaLED COIN 111 AC
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Product specification

Product Model	Lamp Type	Cap Base	Size (W x L x H) mm.
CYCLOP	1 x PrevaLED COIN 111 DC	-	Ø155 x 90
CYCLOP	1 x PrevaLED COIN 111 AC	-	Ø155 x 90

Suitable for



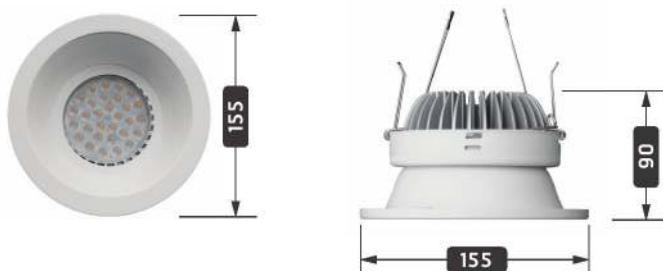
With OSRAM
LED Power Supply
(Only DC lamp)

Indoor | Economic Downlight



Dimension (mm.)

Ø135mm.



Product Features

- Up to 85% energy saving compared to LED MR16 lamp
- Reduces energy costs by 80% over incandescent lamp
- Ideal for the replacement of incandescent lamps
- Its small size is perfect for any general lighting application
- Recommended to be used in open luminaires

Specification

Type	: Recessed Circular Downlight
Lamp	: Philips LED AR111
Housing	: Manufactured by Electro Galvanized metal Thickness 0.80 mm. Sprayed painting by powder coat polyester finishing covered

Product specification

Product Model	Lamp Type	Cap Base	Size (W x L x H) mm.
CYCLOP	1 x Philips LED AR111	G53	Ø155 x 90

Suitable for



LEGEND



Retail



Hospitality



Office



Theaters



Outdoor



Home

Legend technical specifications	Symbol	Definition
Beam angle	(°)	Exit angle of the light beam
Correlated color temperature	K	CCT; describes whether white light appears warm (reddish), neutral or cool (bluish)
Color rendering index	Ra	CRI; the ability to reproduce the colors of various objects faithfully in reference to an ideal lightsource
Color consistency (initial)	SDCM	Standard Deviation of Colour Matching; describing the difference between two colors. Eg. A difference of 1-3 SDCM is virtually imperceptible; a difference of 4 or more is readily visible
Dimmable average lifetime 10% failure	hrs	Lifetime in hours, defined by reaching 10% failures (ie. 90% survivors) when dimmed
Dimming range	%	Dimming range in which the system will perform as specified
Driver power factor	%	Indicating how effective the driver converts electric current to usefull power output
Frequency	Hz	See line frequency
Housing color		Color of housing
Input Voltage	V	Voltage required as input for the product
Lifetime	hrs	Lifetime in hours, associated with specific conditions (eg. Lumen maintenance, Tc, failure)
Lifetime 10% failure	hrs	Lifetime in hours, defined by reaching 10% failures (ie. 90% survivors) for a population
Light output	lm	Output of luminous flux
Lumen maintenance @ 50 k hrs	%	% of the original lumen flux remaining after indicated (life-)time for a defined population; eg. B50/L70 indicates 50% of the population retaining 70% of the original light output
Luminous Flux	lm	Total energy emitted by a lightsource across the visible wavelengths of light
Module efficacy	lm/W	Efficiency module; lumen output per Watt input
Module power	W	Energy required to operate the module
Power factor	Pf	see: driver power factor
System efficacy	lm/W	Efficiency module + driver
System power	W	Energy required to operate the system
Tc life driver	°C	Temperature of indicated point on the product on which the lifetime is based
Tc life module	°C	Temperature of indicated point on the product on which the lifetime is based
Total harmonic distortion	%	Indication of the influence of the lighting products on frequencies of other equipment
Relative Humidity	%	Portion of water vapor in a mixture of air and watervapor
IP Classification		Ingress protection defined in terms of object size and water beam protected against
Inrush current peak		Highest current the capacitive components operate at start up
Module temperature control		Protective feature with which the driver is regulating down the module power when a certain critical temperature of the module is passed
Efficiency range max load		Efficiency when operation at maximum power (not dimmed)





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