



CoreLine FastSet waterproof IP44: easy installation, excellent illumination

CoreLine Fastset, waterproof

Philips CoreLine FastSet is a 1:1 energy-efficient LED replacement for conventional indoor IP44 waterproof lights. With identical lumen packages to fluorescent lighting, there's no need to make new lighting calculations for retrofit projects – thanks to the all-in-one design, you can switch between correlated color temperatures (CCT) and lumen package in the same luminaire to suit your exact needs. Installation of these IP44 waterproof LED lights is fast and flexible too with a choice of simple through-wiring, or cable entry from the side or back of the luminaire. That means CoreLine FastSet indoor IP44 waterproof lights are easy to mount as a standalone fixture, directly to the wall or using brackets. It is also easy to connect them to other CoreLine FastSet luminaires to create harmonious lines of light. As you'd expect from Philips, safety is designed into every CoreLine FastSet luminaire. Not only are the IP44 and IK06 rated to protect against accidental impact, the captive safety pins on the luminaire cover also prevents it from falling. Interact Ready options are available for smart lighting applications. So with CoreLine FastSet IP44 waterproof LED lights, you have the perfect solution for high circulation areas such as parking garages, laundry rooms and staircase lighting.

Benefits

- Retrofit replacement in energy-efficient LED
- All-in-one: switch between a choice of two lumen packages (3000 lm, 6000 lm) and two color temperatures (3000K, 4000K) in one luminaire
- Install as standalone fixtures or connect to create lines of light
- Fast and easy installation

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Features

- Up to 140 lm/W
- Identical lumen packages to fluorescent 2400-6000 lm
- Choice of standard lengths: 600mm, 1200mm and 1500mm
- Easy installation with simple through wiring and three cable entry options
- IP44 protection and IK06 impact resistance
- Interact Ready version available for smart lighting applications
- On/Off, DALI and connected versions available

Application

- Offices
- Parking Garages
- Education
- Healthcare
- Schools

Versions

CoreLine FastSet All-in SM155C
L600 RTP



CoreLine FastSet SM155C_wall-
mounted horizontal 1_SPP



CoreLine FastSet SM155C L1500
RTP



CoreLine FastSet All-in SM155C
L1500 RTP



CoreLine FastSet All-in SM155C
L1200 RTP

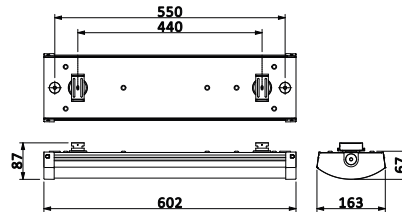
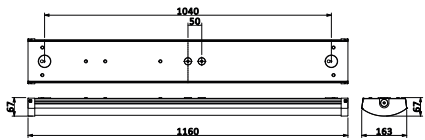
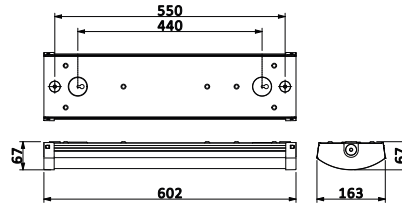
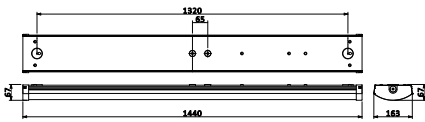
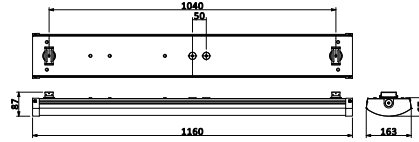
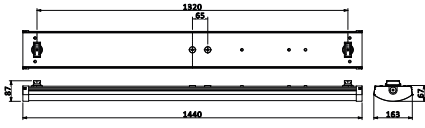


CoreLine FastSet SM155C L1200
RTP



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Dimensional drawing



Product details



CoreLine FastSet SM155C_captive pins open_DPP



CoreLine FastSet SM155C_Backside L600_DPP

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Product details



CoreLine FastSet SM155C_End cap
+ suspension set_DPP



CoreLine FastSet SM155C_cable
entrance backside_DPP



CoreLine FastSet SM155C_End cap
+ bracket_DPP



CoreLine FastSet SM155C_Inside
luminaire_DPP



CoreLine FastSet
SM155C_Backside L1200_DPP



CoreLine FastSet
SM155C_Backside L1500_DPP



CoreLine FastSet SM155C_captive
pins open screwdriver_DPP



CoreLine FastSet SM155C_End cap
1_DPP



CoreLine FastSet_Brackets in the
box



CoreLine FastSet SM155C_End cap
2_DPP

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Product details



CoreLine FastSet
SM155C_side_DPP



CoreLine FastSet SM155C_captive
pins closed_DPP



CoreLine FastSet
SM155C_connection_DPP

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General Information

| | |
|----------------------|--------|
| Driver included | Yes |
| Number of gear units | 1 unit |
| Service tag | Yes |

Light Technical

| | |
|-----------------------------|------|
| Color rendering index (CRI) | >80 |
| Optic type | Opal |

Operating and Electrical

| | |
|----------------------|----------------|
| Protection class IEC | Safety class I |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 or 60 Hz |

Mechanical and Housing

| | |
|------------------------------|---------|
| Housing Color | White |
| Mech. impact protection code | IK06 |
| Ingress protection code | IP20/44 |

Approval and Application

| | |
|---|---|
| Ambient temperature range | -20 °C to 45 °C |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Flammability mark | For mounting on normally flammable surfaces |
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flickering value (PstLM) - Flickering value as per EN 61000-3-3 | 1 |
| Stroboscopic effect visibility measure (SVM) | 0.4 |

Initial Performance (IEC Compliant)

| | |
|-------------------------|--------|
| Luminous flux tolerance | +/-10% |
|-------------------------|--------|

Light Technical

| Order Code | Full Product Name | All-in Type | Correlated Color Temperature (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux |
|------------|--|---------------------|------------------------------------|---------------------------------|---------------|
| 51015999 | SM155C 17_26S/830_840 PSU TW3 PI5 L602 | All-in, Multi Lumen | 3000 K | 142 lm/W | 1,700 lm |
| 75073999 | SM155C 30_48S/830_840 PSED TW1 PI5 L1160 | All-in, Multi Lumen | 3000 K | 146 lm/W | 3,000 lm |
| 75074699 | SM155C 37_60S/830_840 PSED TW1 PI5 L1440 | All-in, Multi Lumen | 3000 K | 145 lm/W | 3,700 lm |
| 51014299 | SM155C 60S/840 PSU TW3 PI5 L1440 | - | 4000 K | 140 lm/W | 6,000 lm |
| 51017399 | SM155C 37_60S/830_840 PSU TW3 PI5 L1440 | All-in, Multi Lumen | 3000 K | 148 lm/W | 3,700 lm |
| 51016699 | SM155C 30_48S/830_840 PSU TW3 PI5 L1160 | All-in, Multi Lumen | 3000 K | 150 lm/W | 3,000 lm |
| 51013599 | SM155C 48S/840 PSU TW3 PI5 L1160 | - | 4000 K | 140 lm/W | 4,800 lm |

Operating and Electrical

| Order Code | Full Product Name | Power Consumption | Suitable for random switching |
|------------|--|-------------------|-------------------------------|
| 51015999 | SM155C 17_26S/830_840 PSU TW3 PI5 L602 | 20 W | No |
| 75073999 | SM155C 30_48S/830_840 PSED TW1 PI5 L1160 | 34.5 W | Yes |
| 75074699 | SM155C 37_60S/830_840 PSED TW1 PI5 L1440 | 43.5 W | Yes |
| 51014299 | SM155C 60S/840 PSU TW3 PI5 L1440 | 43 W | No |

| Order Code | Full Product Name | Power Consumption | Suitable for random switching |
|------------|---|-------------------|-------------------------------|
| 51017399 | SM155C 37_60S/830_840 PSU TW3 PI5 L1440 | 43 W | No |
| 51016699 | SM155C 30_48S/830_840 PSU TW3 PI5 L1160 | 34 W | No |
| 51013599 | SM155C 48S/840 PSU TW3 PI5 L1160 | 34 W | No |

Controls and Dimming

CoreLine Fastset, waterproof

| Order Code | Full Product Name | Dimmable | Maximum dim level |
|------------|--|----------|-------------------|
| 51015999 | SM155C 17_26S/830_840 PSU TW3 PI5 L602 | No | Not applicable |
| 75073999 | SM155C 30_48S/830_840 PSED TW1 PI5 L1160 | Yes | 1% |
| 75074699 | SM155C 37_60S/830_840 PSED TW1 PI5 L1440 | Yes | 1% |

| Order Code | Full Product Name | Dimmable | Maximum dim level |
|------------|---|----------|-------------------|
| 51014299 | SM155C 60S/840 PSU TW3 PI5 L1440 | No | Not applicable |
| 51017399 | SM155C 37_60S/830_840 PSU TW3 PI5 L1440 | No | Not applicable |
| 51016699 | SM155C 30_48S/830_840 PSU TW3 PI5 L1160 | No | Not applicable |
| 51013599 | SM155C 48S/840 PSU TW3 PI5 L1160 | No | Not applicable |

Emergency Operation

| Order Code | Full Product Name | Central Emergency | Emergency lighting | Emergency flux | DC emergency mode | Power consumption during Central |
|------------|--|-------------------|--|----------------|-------------------|----------------------------------|
| 51015999 | SM155C 17_26S/830_840 PSU TW3 PI5 L602 | No | - | - | - | - |
| 75073999 | SM155C 30_48S/830_840 PSED TW1 PI5 L1160 | Yes | DC operated central emergency lighting | 420 lm | | 4.2 W |
| 75074699 | SM155C 37_60S/830_840 PSED TW1 PI5 L1440 | Yes | DC operated central emergency lighting | 530 lm | | 6 W |
| 51014299 | SM155C 60S/840 PSU TW3 PI5 L1440 | No | - | - | - | - |

| Order Code | Full Product Name | Central Emergency | Emergency lighting | Emergency flux | DC emergency mode | Power consumption during Central |
|------------|---|-------------------|--------------------|----------------|-------------------|----------------------------------|
| 51017399 | SM155C 37_60S/830_840 PSU TW3 PI5 L1440 | No | - | - | - | - |
| 51016699 | SM155C 30_48S/830_840 PSU TW3 PI5 L1160 | No | - | - | - | - |
| 51013599 | SM155C 48S/840 PSU TW3 PI5 L1160 | No | - | - | - | - |

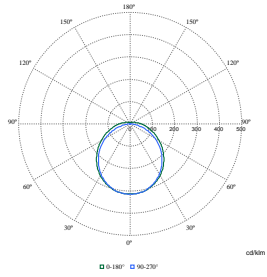
Initial Performance (IEC Compliant)

| Order Code | Full Product Name | Initial chromaticity |
|------------|--|---|
| 51015999 | SM155C 17_26S/830_840 PSU TW3 PI5 L602 | (0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3 |
| 75073999 | SM155C 30_48S/830_840 PSED TW1 PI5 L1160 | (0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3 |
| 75074699 | SM155C 37_60S/830_840 PSED TW1 PI5 L1440 | (0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3 |

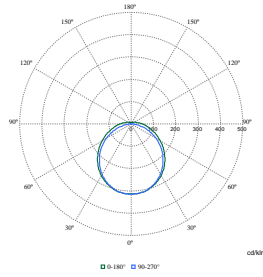
| Order Code | Full Product Name | Initial chromaticity |
|------------|---|---|
| 51014299 | SM155C 60S/840 PSU TW3 PI5 L1440 | (0.38,0.38)SDCM<3 |
| 51017399 | SM155C 37_60S/830_840 PSU TW3 PI5 L1440 | (0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3 |
| 51016699 | SM155C 30_48S/830_840 PSU TW3 PI5 L1160 | (0.38,0.38)SDCM<3; (0.44,0.40)SDCM<3 |
| 51013599 | SM155C 48S/840 PSU TW3 PI5 L1160 | (0.38,0.38)SDCM<3 |

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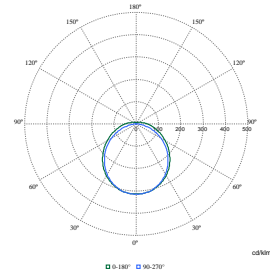
Polar Wide Diagrams



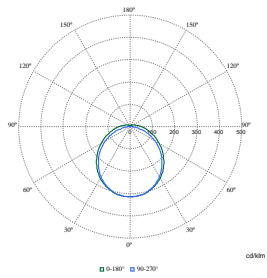
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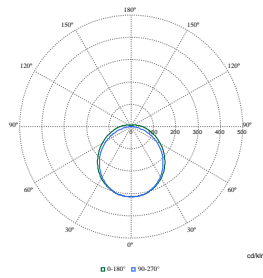
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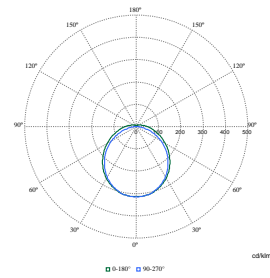
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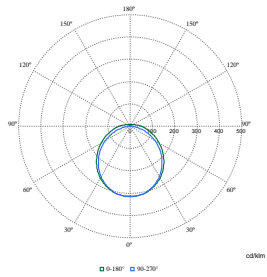
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