

TrueLine, recessed - True line of light: elegant, energy- efficient and compliant with office lighting norms

TrueLine, recessed

Architects need a lighting solution that matches the interior architecture of the property they are working on. They want a light line with an elegant design and very high light levels. Specifiers need luminaires that enable them to save energy while at the same time providing the right level of light, in compliance with office lighting norms. TrueLine, recessed is able to meet both sets of requirements. TrueLine is also available in a suspended version.

Benefits

- The most uniform exit window
- Extremely high efficacy for a line luminaire
- Luminaire housing dimensions that are most popular with architects

Features

- Luminous efficacy > 100 lm/W
- Complies with office lighting norms
- Stand-alone and continuous lines
- Suspended version also available
- Direct and indirect light
- Homogeneous exit window
- Future-proof: PoE

Application

- General lighting for mid- and high-end office buildings

Warnings and Safety

- The product is IPX0 and, as such, is not protected against water ingress. Therefore, we strongly recommend that the environment in which the luminaire is to be installed is suitably checked.
- If the above advice is not taken and the luminaires are subject to water ingress, Philips / Signify cannot guarantee safe failure and the product warranty will become void.

Versions

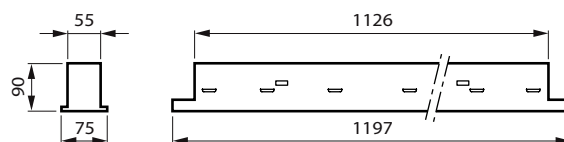
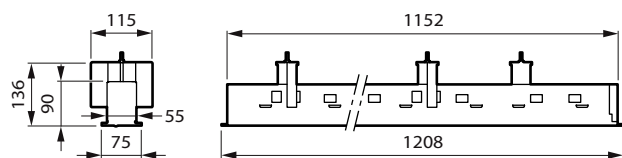


TrueLineRecessed PCV
ASYMMETRIC RTP



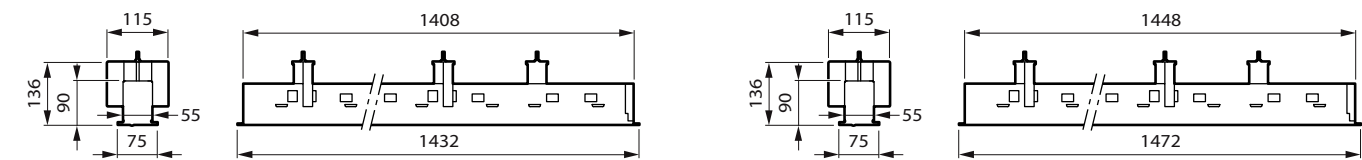
TrueLineRecessed PCV LINE
NOSENSOR RTP

Dimensional drawing



Recessed VPC_W8L120_no sensor

Dimensional drawing



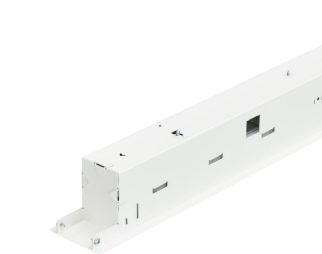
Product details



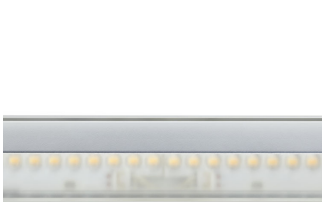
TrueLineRecessed NOC OPTICS
DP



TrueLine-
RC530_RC531_RC534B_VPC-
DPP.tif



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RC530_RC531_RC534B_VPC_PI5-
DPP.tif



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RC534B_SM534C_SP534P-DPP.tif



TrueLineRecessed OC OPTICS DP



TrueLineRecessed PCV line
CONNECTED DP1



TrueLineRecessed PCV line
CONNECTED DP2

Product details

TrueLine_Recessed IP DP



TrueLineRecessed ASYMMETRIC OPTICS DP



| General Information | |
|---|---|
| Driver included | Yes |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Service tag | Yes |
| Light Technical | |
| Color rendering index (CRI) | >90 |
| Operating and Electrical | |
| Protection class IEC | Safety class I |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Suitable for random switching | No |
| Controls and Dimming | |
| Dimmable | Yes |
| Maximum dim level | 1% |
| Mechanical and Housing | |
| Housing Color | White |
| Mech. impact protection code | IK03 |
| Approval and Application | |
| Ambient temperature range | +10 to +40 °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) | |
| Initial chromaticity | (0.38, 0.38) SDCM <3 |
| Luminous flux tolerance | +/-10% |

Light Technical (1/2)

| Order Code | Full Product Name | Beam angle of | Correlated Color | Luminous Efficacy | |
|------------|-------------------------------|---------------|---------------------------|-------------------|---------------|
| | | light source | Temperature (Nom) | (rated) (Nom) | Luminous Flux |
| 97146200 | RC530B 15S/940 PSD W8L115 PCV | - degree(s) | 4000 K | 127 lm/W | 1,500 lm |
| 97171400 | RC531B 15S/940 PSD W8L115 PCV | - degree(s) | 4000 K | 106 lm/W | 1,500 lm |
| 97178300 | RC531B 31S/940 PSD W8L141 PCV | - degree(s) | 4000 K | 110 lm/W | 3,100 lm |
| 97323700 | RC530B 50S/TW9 DIA W8L145 PCV | 120 degree(s) | Tunable white 2700-6500 K | 120 lm/W | 5,000 lm |
| 97200100 | RC534B 43S/940 PSD W8L141 PCV | - degree(s) | 4000 K | 138 lm/W | 4,300 lm |
| 97184400 | RC532B 25S/940 PSD W8L113 PCV | - degree(s) | 4000 K | 139 lm/W | 2,500 lm |

Light Technical (2/2)

| Order Code | Full Product Name | Optic type | Order Code | Full Product Name | Optic type |
|------------|-------------------------------|------------|------------|-------------------------------|---------------------|
| 97146200 | RC530B 15S/940 PSD W8L115 PCV | Wide beam | 97323700 | RC530B 50S/TW9 DIA W8L145 PCV | Wide beam |
| 97171400 | RC531B 15S/940 PSD W8L115 PCV | Wide beam | 97200100 | RC534B 43S/940 PSD W8L141 PCV | Asymmetrical mirror |
| 97178300 | RC531B 31S/940 PSD W8L141 PCV | Wide beam | 97184400 | RC532B 25S/940 PSD W8L113 PCV | Wide beam |

Operating and Electrical

| Order Code | Full Product Name | Power Consumption |
|------------|-------------------------------|-------------------|
| 97146200 | RC530B 15S/940 PSD W8L115 PCV | 12.2 W |
| 97171400 | RC531B 15S/940 PSD W8L115 PCV | 14.6 W |
| 97178300 | RC531B 31S/940 PSD W8L141 PCV | 29 W |

| Order Code | Full Product Name | Power Consumption |
|------------|-------------------------------|-------------------|
| 97323700 | RC530B 50S/TW9 DIA W8L145 PCV | 41.5 W |
| 97200100 | RC534B 43S/940 PSD W8L141 PCV | 32 W |
| 97184400 | RC532B 25S/940 PSD W8L113 PCV | 18 W |

Mechanical and Housing

| Order Code | Full Product Name | Ingress protection code |
|------------|-------------------------------|-------------------------|
| 97146200 | RC530B 15S/940 PSD W8L115 PCV | IP20/40 |
| 97171400 | RC531B 15S/940 PSD W8L115 PCV | IP20/54 |
| 97178300 | RC531B 31S/940 PSD W8L141 PCV | IP20/40 |

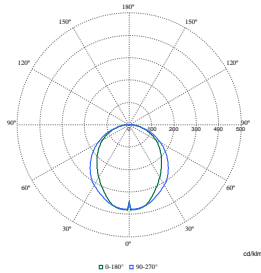
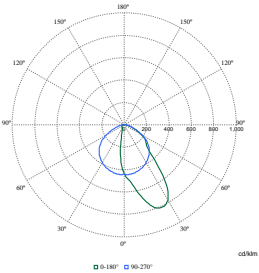
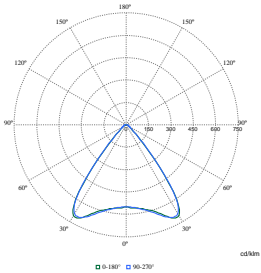
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|------------|-------------------------------|-------------------------|
| 97323700 | RC530B 50S/TW9 DIA W8L145 PCV | IP20/40 |
| 97200100 | RC534B 43S/940 PSD W8L141 PCV | IP20/40 |
| 97184400 | RC532B 25S/940 PSD W8L113 PCV | IP20/40 |

Product Data

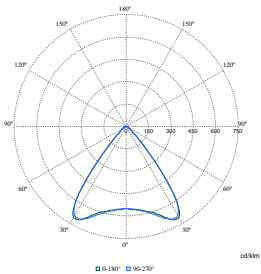
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|------------|-------------------------------|---------------------|
| 97146200 | RC530B 15S/940 PSD W8L115 PCV | RC530B |
| 97171400 | RC531B 15S/940 PSD W8L115 PCV | RC531B |
| 97178300 | RC531B 31S/940 PSD W8L141 PCV | RC531B |

| Order Code | Full Product Name | Product family code |
|------------|-------------------------------|---------------------|
| 97323700 | RC530B 50S/TW9 DIA W8L145 PCV | RC530B |
| 97200100 | RC534B 43S/940 PSD W8L141 PCV | RC534B |
| 97184400 | RC532B 25S/940 PSD W8L113 PCV | RC532B |

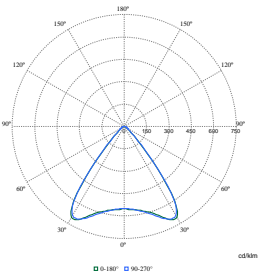
Polar Wide Diagrams



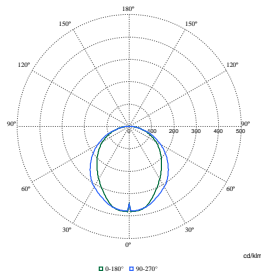
Polar Normal (separate) - RC530BI - 910505103119



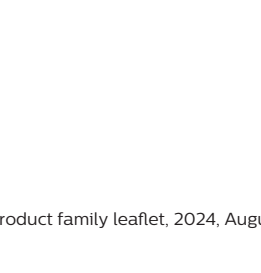
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Polar Normal (separate) - RC530BI - 910505103117



Polar Normal (separate) - RC530BI - 910505103287



Polar Normal (separate) - RC530BI - 910505103104



Polar Normal (separate) - RC530BI - 910505103121



