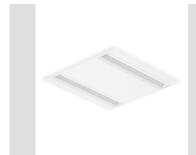


Product Data Sheet GWF1810ML940

VISIO [16]

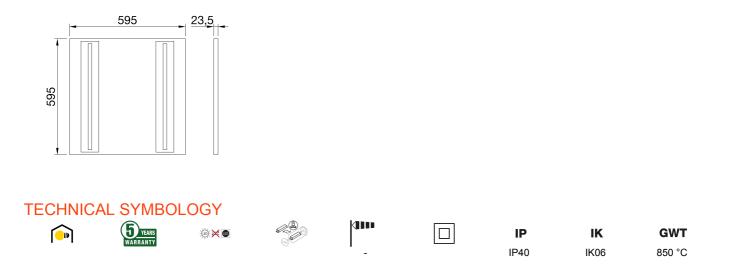


Visio [16] is a modular recessed LED luminaire ideal for work and study environments. It was designed to ensure maximum visual comfort, thanks to an advanced low-glare optical system (UGR <16) and a high colour rendering LED source. Available in 3 different sizes (300 x 1200 mm, 600 x 600 mm and 620 x 620 mm), it is suitable for flush-mounting in modular ceilings and can alternatively be ceiling or suspension-mounted using dedicated accessories (to be ordered separately). The range allows for great flexibility with its multiple possible combinations of colour temperatures and control systems: it can be ordered in 3,000 K (warm white) or 4,000 K (neutral white), both with a colour rendering index (CRI) above 90 for a crisp light; and with an On/Off or DALI external power supply (included with the product). The luminaire is easy to install thanks to its quick coupling connector for fast electrical wiring.

| ContextWork and study environment lighting Modular LED luminaireOptic80°LuminaireModular LED luminaireUnified Glare RatingUGR < 16ApplicationInternalLumen output (Im)3300Unique digital code (Datamatrix)Currently not presentEfficacy94ColourWhiteColour Rendering IndexCRI 90System power35 WStandard Deviation Colour MatchingSDCM 5 6System power26000Photobiological Risk ClassRG1Weight (kg)3.5StandardELETRICAL AND LIGHTING FEATURES62493Varanty5 yearsELETRICAL AND LIGHTING FEATURES62493Varanty5 yearsSupply voltage220-240 VOperating Iemperature-20° +45°Supply voltage220-240 VMattenals-Driver failure rateF025 (Tq=25°C) = 50.000 hShield typePS + ABSOvervortage protectionDM h kVOpticLow-glare reflector and lens unitControl SystemON / OFFGasket-InstallationRecessed (hanging requires separately ordered accessories)ColourPowder costingWiringWith connection terminal on driverOlourPowder costing <th>GENERAL INFORMATION</th> <th>-</th> <th>OPTIC AND ILLUMINATING FEATU</th> <th>RES -</th> | GENERAL INFORMATION | - | OPTIC AND ILLUMINATING FEATU | RES - |
|--|---|-------------------------------------|---------------------------------------|---|
| Application Internal Linernal Linernal Efficacy 3300 Unique digital code (Datamatrix) Currently not present Efficacy 94 Colour White Colour temperature 4000 K Type of light source LED Colour temperature 4000 K System power 35 W Standard Deviation Colour Matching SDCM \$< 6 | Context | Work and study environment lighting | Optic | 80° |
| Unique digital code (Datamatrix) Currently not present Efficacy 94 Colour White Colour Rendering Index CRI 90 System power 35 W Standard Deviation Colour Matching SDCM ≤ 6 Keystem power 35 W Standard Deviation Colour Matching SDCM ≤ 6 Weight (kg) 3.5 Standard Deviation Colour Matching SDCM ≤ 6 Warranty 5 years ELETRCAL AND LIGHTING FEATURES -622443 Varranty 5 years Supply voltage 220-240 V Operating temperature -20° +65° Supply voltage 220-240 V Operating temperature -20° +65° Supply voltage 220-240 V Operating temperature -20° +45° Supply voltage 220-240 V Operating temperature -20° +45° Supply voltage 220-240 V Operating temperature -20° +45° Supply voltage 220-240 V Optic Cold rolled steel Driver failure rate F025 (Tq=25°C) = 50.000 h Shield type PS + ABS Overvoltage protection DM 1 kV Optic Low-glare reflector and lens unit Control System ON / OFF< | Luminaire | Modular LED luminaire | Unified Glare Rating | UGR < 16 |
| Colour White Colour Rendering Index CRI 90 Type of light source LED Colour Rendering Index CRI 90 System power 35 W Standard Deviation Colour Matching SDCM 5 6 LED Lifetime L80550 (Tq25°) = 50.000 h Photobiological Risk Class RG1 Weight (kg) 3.5 Standard EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN Warranty 5 years ELETRICAL AND LIGHTING FEATURES 62493 Varranty 5 years Supply voltage 220-240 V Operating temperature -20° +45° Supply voltage 220-240 V MatTERIALS Driver External - Included 5060 Hz Body Cold rolled steel Driver External - Included Shield type PS + ABS Overvoltage protection DM 1 kV Optic Low-glare reflector and lens unit Control System ON / OFF External screw Stainless steel Tilt With suspension adjustment Kit Colour Powder coating Wiring Successories accessories Cot | Application | Internal | Lumen output (Im) | 3300 |
| ColourWhiteColour temperature4000 KType of light sourceLEDColour Rendering IndexCR190System power35 WStandard Deviation Colour MatchingSDCM ≤ 6LED LifetimeL80850 (Tq25') = 50.00hPhotobiological Risk ClassRG1Weight (kg)3.5StandardEN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-2.0° +45°Supply voltage220-240 VOperating temperature-2.0° +45°Rated frequency (Hz)50/60 HzMATERIALS-Driver failure rateF025 (Tq=25°C) 50.000 HShield typeP5 + ABSOvervoltage protectionDM 1 kVOpticLow-glare reflector and lens unitControl SystemON / OF 1Casket-INSTALLATION AND MAINTENANCE-Locking HookStainless steelTiltWith suspension adjustment KitColourPowder coatingWiringFree-standing or via separately ordered accessoriesSTANDARDS AND APPROVALSFixingFree-standing or via separately ordered accessoriesDivis Biolacia classIILight souce replaceabilityNon-replaceabilityDivis Biolacia classIIInver Box-IPEA-Maximum surface exposed to the wind-IPedegreeIP40IP degreeIP40- | Unique digital code (Datamatrix) | Currently not present | Efficacy | 94 |
| Type of light source LED Colour Rendering Index CRI 90 System power 35 W Standard Deviation Colour Matching SDCM ≤ 6 LED Lifetime L80850 (Tq25°) = 50.000 Photobiological Risk Class RG1 Weight (kg) 3.5 Standard Deviation Colour Matching SDCM ≤ 6 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -20° +66° Supply voltage 220-240 V Operating temperature -20° +45° Rated frequency (Hz) 50/60 Hz MATERIALS Driver External - Included Body Cold rolled steel Driver failure rate F025 (Tq=25°C) = 50.000 h Shield type PS + ABS Overvoltage protection DM 1 kV Gasket INSTALLATION AND MAINTENANCE - - Locking Hook Stainless steel Tit With suspension adjustment Kit Colaur Powder coating Witring With suspension adjustment Kit Locking Hook Light souce replaceability Non-replaceability Non-replaceability Colour Powder coating Witring With councection terminal on drive | | | (Im/W) | |
| System power 35 W Standard Deviation Colour Matching SDCM ≤ 6 LED Lifetime L80B50 (Tq25°) = 50.000 h Photobiological Risk Class RG1 Weight (kg) 3.5 Standard EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493 Warranty 5 years ELETRICAL AND LIGHTING FEATURES 62493 Varranty 5 years ELETRICAL AND LIGHTING FEATURES -240 V Operating temperature -20° +45° Rated frequency (Hz) 50/60 Hz Stocking temperature -20° +45° Rated frequency (Hz) 50/60 Hz Shield type OS Cold rolled steel Driver failure rate FD25 (Tq=25°C) = 50.000 h Shield type PS + ABS Overvoltage protection DM 1 kV Optic Low-glare reflector and lens unit Control System ON / OFF Locking Hook - Mounting and installation Recessed (hanging requires separately ordered accessories) Colour Powder coating Wiring With connection terminal on driver Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Control gear replaceability Non-replaceabl | | | | |
| LED Lifetime L80B50 (Tq25°) = 50.000h Photobiological Risk Class RG1 Weight (kg) 3.5 Standard EN 60598-1; EN 60598-2; IEC/TR 62778; EN 62493 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -20° +45° Rated frequency (Hz) 50/60 Hz Operating temperature -20° +45° Rated frequency (Hz) 50/60 Hz Body Cold rolled steel Driver failure rate F025 (Tq=25°C) = 50.000 h Shield type PS + ABS Overvoltage protection DN 1 kV Optic Low-glare reflector and lens unit Control System ON / OFF Gasket - INSTALLATION AND MAINTENANCE - Colour Powder coating Wiring With connection terminal on driver Stainless steel Tilt With connection terminal on driver Classification - Light souce replaceability Non-replaceable Div red source with reduced surface temperature - Control/gear replaceability Non-replaceable Div red source Not available Driver Box - - Colour Werd source exposed to the wi | Type of light source | LED | Colour Rendering Index | CRI 90 |
| Weight (kg) 3.5 Standard EN 60598-1; EN 60598-2; IEC/TR 62778; EN 62493 Warranty 5 years ELETRICAL AND LIGHTING FEATURES 6243 Stocking temperature -20° +65° Supply voltage 220-240 V Operating temperature -20° +45° Rated frequency (Hz) 50/60 Hz MATERIALS - Driver External - Included Body Cold rolled steel Driver failure rate F025 (Tq=25°C) = 50.000 h Shield type PS + ABS Overvoltage protection DM 1 kV Optic Low-glare reflector and lens unit Control System ON / | | | Standard Deviation Colour Matching | |
| Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -20° +65° Supply voltage 220-240 V Operating temperature -20° +45° Rated frequency (Hz) 50/60 Hz MATERIALS - Driver External - Included Body Cold rolled steel Driver failure rate F025 (Tq=25°C) = 50.000 h Shield type PS + ABS Overvoltage protection DM 1 kV Optic Low-glare reflector and lens unit Control System ON / OFF Gasket - INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Recessed (hanging requires separately ordered accessories) External screw Stainless steel Tilt With suspension adjustment Kit Color Powder coating Wiring Free-standing or via separately ordered accessories Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability By profescional DIN 18032-3 certification Not available Driver Box - IPEA - | LED Lifetime | L80B50 (Tq25°) = 50.000h | Photobiological Risk Class | RG1 |
| Stocking temperature-20° +65°Supply voltage220-240 VOperating temperature-20° +45°Rated frequency (Hz)50/60 HzMATERIALS-DriverExternal - IncludedBodyCold rolled steelDriver failure rateF025 (Tq=25°C) = 50.00 hShield typePS + ABSOvervoltage protectionDN 1 kVOpticLow-glare reflector and lens unitControl SystemON / OFFGasket-INSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationRecessed (hanging requires separately ordered accessories)External screwStainless steelTiltWith suspension adjustment KitColourPowderPowder colourWiringWith connection terminal on driverStainloss AND APPROVALS-Light souce replaceabilityNon-replaceableDevice with reduced surface temperature-Control gear replaceabilityBy profesciableDiver BoxMaximum surface exposed to the wind-IPEAIIIIIperational classIIIP degreeIP40Maximural surfaceIK06 | Weight (kg) | 3.5 | Standard | |
| Operating temperature-20° +45°Rated frequency (Hz)50/60 HzMATERIALS-DriverExternal - IncludedBodyCold rolled steelDriver failure rateF025 (Tq=25°C) = 50.000 hShield typePS + ABSOvervoltage protectionDM 1 kVOpticLow-glare reflector and lens unitControl SystemON / OFFGasket-INSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationRecessed (hanging requires separately ordered accessories)External screwStainless steelTiltWith suspension adjustment KitColourPowder coatingWiringWith connection terminal on driverSTANDARDS AND APPROVALS-External screwControl gear replaceabilityDevice with reduced surface temperature-Control gear replaceabilityNon-replaceableDevice with reduced surface temperature-Maximum surface exposed to the wind-IPEA-Maximum surface exposed to the windIpegeeIP40Maximum surface exposed to the wind-IP degreeIF40Mechanical resistanceIK06 | Warranty | 5 years | ELETRICAL AND LIGHTING FEATURES - | |
| MATERIALS Driver External - Included Body Cold rolled steel Driver failure rate F025 (Tq=25°C) = 50.000 h Shield type PS + ABS Overvoltage protection DM 1 kV Optic Low-glare reflector and lens unit Control System ON / OFF Gasket INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Recessed (hanging requires separately ordered accessories) External screw Stainless steel Tilt With suspension adjustment Kit Colour Powder coating Wiring With connection terminal on driver STANDARDS AND APPROVALS - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available Driver Box - IPEA - Maximum surface exposed to the wind - Insulation class II - - IP degree IP40 - - | Stocking temperature | -20° +65° | Supply voltage | 220-240 V |
| BodyCold rolled steelDriver failure rateF025 (Tq=25°C) = 50.000 hShield typePS + ABSOvervoltage protectionDM 1 kVOpticLow-glare reflector and lens unitControl SystemON / OFFGasket-INSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationRecessed (hanging requires separately ordered accessories)External screwStainless steelTiltWith suspension adjustment KitColourPowder coatingWiringWith connection terminal on driverSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperature-Maximum surface exposed to the wind-IPEA-Maximum surface exposed to the wind-IP degreeIP40Mechanical resistanceIK06 | Operating temperature | -20° +45° | Rated frequency (Hz) | 50/60 Hz |
| Shield type PS + ABS Overvoltage protection DM 1 kV Optic Low-glare reflector and lens unit Control System ON / OFF Gasket INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Recessed (hanging requires separately ordered accessories) External screw Stainless steel Tilt With suspension adjustment Kit Colour Powder coating Wiring With connection terminal on driver STANDARDS AND APPROVALS - Light souce replaceability Non-replaceable Device with reduced surface temperature - Control Sear - DIN 18032-3 certification Not available Driver Box - IPEA - Maximum surface exposed to the wind - IPeagree IP40 - - Mechanical resistance IK06 - - | MATERIALS | - | Driver | External - Included |
| OpticLow-glare reflector and lens unitControl SystemON / OFFGasketINSTALLATION AND MAINTENANCE-Locking HookNoutring and installationRecessed (hanging requires separately ordered accessories)External screwStainless steelTiltWith suspension adjustment KitColourPowder coatingWiringWith connection terminal on driverSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperature-Control gear replaceabilityBy professionalDIN 18032-3 certificationNot availableDriver Box-IPEA-Maximum surface exposed to the wind-IPedereeIP40Mechanical resistanceIK06- | Body | Cold rolled steel | Driver failure rate | F025 (Tq=25°C) = 50.000 h |
| Gasket - INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Recessed (hanging requires separately ordered accessories) External screw Stainless steel Tilt With suspension adjustment Kit Colour Powder coating Wiring With connection terminal on driver STANDARDS AND APPROVALS - Fixing Free-standing or via separately ordered accessories Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability By professional DIN 18032-3 certification Not available Driver Box - - IPEA - Maximum surface exposed to the wind - - IIP degree IP40 - - - Mechanical resistance IK06 - - - | Shield type | PS + ABS | Overvoltage protection | DM 1 kV |
| Locking Hook-Mounting and installationRecessed (hanging requires separately ordered accessories)External screwStainless steelTiltWith suspension adjustment KitColourPowder coatingWiringWith connection terminal on driverSTANDARDS AND APPROVALS-FixingFree-standing or via separately ordered accessoriesClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperature-Controlgear replaceabilityBy professionalDIN 18032-3 certificationNot availableDriver Box-IPEA-Maximum surface exposed to the wind-IIII11440-Mechanical resistanceIK06- | Optic | Low-glare reflector and lens unit | Control System | ON / OFF |
| External screwStainless steelTiltaccessories)ColourPowder coatingWiringWith suspension adjustment KitSTANDARDS AND APPROVALS-FixingFree-standing or via separately ordered accessoriesClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperature-Controlgear replaceabilityBy professionalDIN 18032-3 certificationNot availableDriver Box-IPEA-Maximum surface exposed to the wind-IIIIIPeqereIP40-Mechanical resistanceIK06- | Gasket | - | INSTALLATION AND MAINTENANCE - | |
| Colour Powder coating Wiring With connection terminal on driver STANDARDS AND APPROVALS - Fixing Free-standing or via separately ordered accessories Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability By professional DIN 18032-3 certification Not available Driver Box - IPEA - Maximum surface exposed to the wind - Isulation class II - - Mechanical resistance IK06 - - | Locking Hook | - | Mounting and installation | |
| STANDARDS AND APPROVALS Fixing Free-standing or via separately ordered accessories Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability By professional DIN 18032-3 certification Not available Driver Box - IPEA - Maximum surface exposed to the wind - Insulation class II - - IP degree IP40 - - Mechanical resistance IK06 - - | External screw | Stainless steel | Tilt | With suspension adjustment Kit |
| Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature - Controlgear replaceability By professional DIN 18032-3 certification Not available Driver Box - IPEA - Maximum surface exposed to the wind - Insulation class II - - IP degree IP40 - - Mechanical resistance IK06 - - | Colour | Powder coating | Wiring | With connection terminal on driver |
| Classification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperature-Controlgear replaceabilityBy professionalDIN 18032-3 certificationNot availableDriver Box-IPEA-Maximum surface exposed to the wind-Insulation classIIIPeqeeIP40Mechanical resistanceIK06 | STANDARDS AND APPROVALS | - | Fixing | Free-standing or via separately ordered |
| Device with reduced surface temperature - Controlgear replaceability By professional DIN 18032-3 certification Not available Driver Box - IPEA - Maximum surface exposed to the wind - Insulation class II - - IPedgree IP40 - - Mechanical resistance IK06 - - | | | _ | accessories |
| DIN 18032-3 certification Not available Driver Box - IPEA - Maximum surface exposed to the wind - Insulation class II - IP degree IP40 - Mechanical resistance IK06 - | Classification | - | Light souce replaceability | Non-replaceable |
| IPEA - Maximum surface exposed to the wind - Insulation class II - IP degree IP40 - Mechanical resistance IK06 - | Device with reduced surface temperature | - | Controlgear replaceability | By professional |
| Insulation class II - IP degree IP40 - Mechanical resistance IK06 - | DIN 18032-3 certification | Not available | Driver Box | - |
| IP degree IP40 - Mechanical resistance IK06 - | IPEA | - | Maximum surface exposed to the wind - | |
| Mechanical resistance IK06 - | Insulation class | I | | - |
| | IP degree | IP40 | | - |
| Glow Wire Test 850 °C - | Mechanical resistance | IK06 | | - |
| | Glow Wire Test | 850 °C | | - |

DIMENSIONAL

PHOTOMETRIC DISTRIBUTION



Data, measures, designs and pictures are for information purpose only, last update 07/05/2024. They can be changed at any moment, therefore it is always ecommended to read the last updated version published on the website www.gewiss.com.Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at https://www.gewiss.com/it/en/company/landingpage/led-warranty. - 1 of 2



STANDARDS/APPROVALS



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