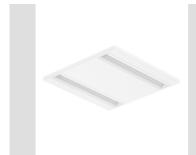


## Product Data Sheet GWF1810NL940

**VISIO** [16]

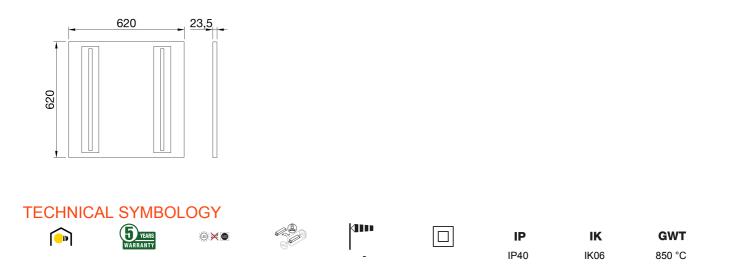


Visio [16] is a modular recessed LED luminaire ideal for work and study environments. It was designed to ensure maximum visual comfort, thanks to an advanced low-glare optical system (UGR <16) and a high colour rendering LED source. Available in 3 different sizes (300 x 1200 mm, 600 x 600 mm and 620 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 wring.

ContextWork and study environment lighting Modular LED luminaireOptic80° Unified Glare RatingUGR < 16 Unified Glare RatingUGR < 16 StateLuminaireModular LED luminaireLumen output (Im)3300Unique digital code (Datamatrix)Currently not presentEfficacy94ColourWhiteColour Rendering IndexCRI 90Type of light sourceLEDColour Rendering IndexCRI 90System power35.00Standard Deviation Colour MatchingSDCM ≤ 6System power3.65StandardELETRICAL AND LIGHTING FEATURES6243Warranty5 yearsELETRICAL AND LIGHTING FEATURES6243Varranty5 yearsSupply voltage220-240 VOperating temperature-20° +45°Supply voltage220-240 VOperating temperature-20° +45°Supply voltage50.000 hMartenature-20° +45°Supply voltage50.000 hMoting and installationFo25 (Tq=25°C) = 50.000 hhMoting and installationRecessed (hanging requires separately ordered accessories)Catosification-INSTALLATION AND MAINTENANCE-ColourPowder costing <td< th=""><th>GENERAL INFORMATION</th><th>-</th><th>OPTIC AND ILLUMINATING FEATU</th><th>RES -</th></td<>	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATU	RES -
Application     Internal     Linenoutput (Im)     3300       Unique digital code (Datamatrix)     Currently not present     Efficacy     94       Colour     White     Colour temperature     4000 K       Colour     White     Colour temperature     4000 K       System power     35 W     Standard Deviation Colour Matching     SDCM s 6       LED Lifetime     L80B50 (Tq25°) = 50.000h     Photobiological Risk Class     RG1       Weight (kg)     3.65     Standard     EN 60598-1; EN 60598-2; 2; IEC/TR 62776; EN       Varianty     5 years     ELETRICAL AND LIGHTING FEATURES     -       Stocking temperature     -20° +65°     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° +65°     Supply voltage     220-240 V       Optic     Low-glare reflector and lens unit     Control System     ON / OFF       Gasket     -     Driver     ELETRICAL AND MAINTENANCE     -       Colour     Powder coating     Wiring     With suspension adjustmenth Kit <td>Context</td> <td>Work and study environment lighting</td> <td>Optic</td> <td>80°</td>	Context	Work and study environment lighting	Optic	80°
Unique digital code (Datamatrix)     Currently not present     Effects/units/files/sects/files/files/sects/files/sects/files/fi	Luminaire	Modular LED luminaire	Unified Glare Rating	UGR < 16
Colour   White   Colour temperature   4000 K     Type of light source   LED   Colour Rendering Index   CRI 90     System power   35 W   Standard Deviation Colour Matching   SDCM s 6     LED Lifetime   L80850 (Tq25°) = 50.000h   Photobiological Risk Class   RG1     Weight (kg)   3.65   Standard   EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -20° +45°   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     Body   Cold rolled steel   Overvoltage protection   DM 1 kV     Optic   Low-glare reflector and lens uit   Control System   ON / OFF     Colour   Powder coating   Wiring   With suspension adjustment Kit     Colour   Powder coating   Wiring   Secessed (hanging requires separately ordered accessories)     External screw   Stainless steel   Tilt   With suspension adjustment Kit     Colaur Huber A   Non-replaceable   accessories     Device with reduced surface temperature </td <td>Application</td> <td>Internal</td> <td>Lumen output (Im)</td> <td>3300</td>	Application	Internal	Lumen output (Im)	3300
Colour     White     Colour temperature     4000 K       Type of light source     LED     Colour Rendering Index     CR190       System power     35W     Standard Deviation Colour Matching     SDCM ≤ 6       LED Lifetime     L80550 (Tq25°) = 50.000h     Photobiological Risk Class     RG1       Weight (kg)     3.65     Standard     EN 60598-1; EN 60598-2-2; 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       Shield type     PS + ABS     Overvoltage protection     DM 1 kV       Optic     Low-glare reflector and lens unit     Control System     ON / OF / q=25°C) = 50.000 h       Colour     Ratel requency     -     -     -       Colour     Low-glare reflector and lens unit     Control System     ON / OF / q=25°C) = 50.000 h       Colour     Route coating     Wiring     Wiring wiring or via separately ordered accessories     -       Standard Serve     Stainless steel     Tilt     Wiring orea- via separately ordered accessories     -	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     SDEM     SDEM       LED Lifetime     L80850 (Tq25°) = 50.00h     Photobiological Risk Class     RG1       Weight (kg)     3.65     Standard Deviation Colour Matching     SDEM     RG1       Weight (kg)     3.65     Standard     EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493     G2493       Varranty     5 years     ELETRICAL AND LIGHTING FEATURES     -       Stocking temperature     -20° +65°     Supply voltage     220-240 V       Operating temperature     -20° +45°     Rated frequency (Hz)     50460 Hz       Body     Cold rolled steel     Driver     External - Included       Body     Cold rolled steel     Driver failure rate     F025 (Tq=25°C) = 50.000 h       Shield type     PS + ABS     Overvoltage protection     DN 1 kV       Gasket     INSTALLATION AND MAINTENANCE     -       Locking Hook     -     Mounting and installation     Recessed (hanging requires separately ordered accessories)       External screw     Stainless steel     Tit     With suspension adjustment Kit accessories			(Im/W)	
System power     35 W     Standard Deviation Colour Matching     SDCM ≤ 6       LED Lifetime     L80B50 (Tq25°) = 50.000h     Photobiological Risk Class     RG1       Weight (kg)     3.65     Standard     EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493       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       Shield type     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       Locking Hook     -     MSTALLATION AND MAINTENANCE     -       Colour     Powder coating     Wiring     With suspension adjustment Kit       Colour     Powder coating     Fixing     Free-standing or via separately ordered accessories       Classification     -     Light souce replaceability     Non-replaceable       Device with reduced surface temperature     -     Control gear replaceability     Non-replaceable       Device with reduced surface t	Colour	White		
LÉD Lifetime     L80B50 (Tq25°) = 50.000h     Photobiological Risk Class     RG1       Weight (kg)     3.65     Standard     EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493       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°) = 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     -       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 accessories       Classification     -     Light souce replaceability     Non-replaceabile       DiN 18032-3 certification <td>Type of light source</td> <td>LED</td> <td>Colour Rendering Index</td> <td>CRI 90</td>	Type of light source	LED	Colour Rendering Index	CRI 90
Weight (kg)     3.65     Standard     EN 60598-1; EN 60598-2-2; IEC/TR 62778; EN 62493       Warranty     5 years     ELETRICAL AND LIGHTING FEATURES     62493       Stocking temperature     -20° +65°     Supply voltage     220-240 V       Operating temperature     -20° +45°     Rated frequency (Hz)     50/60 Hz       MATERIALS     Driver     External - Information     50/60 Hz       Sheld 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     -       External screw     Stainless steel     Tilt     With suspension adjustemt Kit     Colour       Standard     Powder coating     Wiring     With connection terminal on driver     accessories)       Classification     -     Light souce replaceability     Non-replaceable     accessories       Device with reduced surface temperature     -     Controlgear replaceability     Non-replaceable       Device with reduced surface temperature     -     Controlgear replaceability     Non-replaceable       Device with reduced surface temperature     -     <	System power	35 W	Standard Deviation Colour Matching	SDCM ≤ 6
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) = 50.00 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     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     -	LED Lifetime	L80B50 (Tq25°) = 50.000h	Photobiological Risk Class	RG1
Warranty     5 years     ELETRICAL AND LIGHTING FEATURES     -       Stocking temperature     -20° +65°     Supply voltage     220-240 V       Operating 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       Gasket     Control System     ON / OFF       Locking Hook     Mounting and installation     Recessed (hanging requires separately) ordered accessries)       External screw     Stainless steel     Tilt     With suspension adjustment Kit       Colour     Powder coating     Wiring     Free-standing or via separately ordered accessries       Classification     -     Light souce replaceability     Non-replaceabile       Device with reduced surface temperature     -     Control Space exposed to the wind     -       IN 8032-3 certification     Not available     Driver Box     -     -       INStallation class     II     -     Maximum surface ex	Weight (kg)	3.65	Standard	
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       Colour     Powder coating     Wiring     With connection terminal on driver       STANDARDS AND APPROVALS     -     Fixing     Accessories       Device with reduced surface temperature     -     Control/gear replaceability     Non-replaceable       Device with reduced surface temperature     -     Maximum surface exposed to the wind     -       IPEA     -     Maximum surface exposed to the wind     -       IPedgree     IP40     -     -       Mechanical resistance     IK06     -     - </td <td>Warranty</td> <td>5 years</td> <td colspan="2"></td>	Warranty	5 years		
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   By professional     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
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     -     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     -       IP degree     IP40     -     -       Mechanical resistance     IK06     -     -	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 Gear replaceability     By professional       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 HookMounting 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 accessories)Classification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperature-Controlgear replaceabilityBy professionalDIN 18032-3 certificationNot availableDriver Box-IPEA-Maximum surface exposed to the wind-IIIIII-IPeqereIP40Mechanical resistanceIK06	Optic	Low-glare reflector and lens unit	Control System	ON / OFF
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-II BegreeII40Mechanical 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     -     Convolgear replaceability     By professional       DIN 18032-3 certification     Not available     Driver Box     -       IPEA     -     Maximum surface exposed to the wind     -       Insulation 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 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     -     -	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   -   -     IP degree   IP40   -   -     Mechanical resistance   IK06   -   -			<b>.</b>	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 12/05/2024. 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



Product Data Sheet GWF1810NL940 VISIO [16]