

Product Data Sheet GWS3158PL

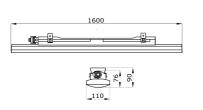
SMART [3]



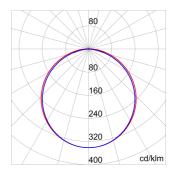
Smart [3] is a watertight fixture IP66/69 with Flip Type LED without wire bording, available in 3000K,4000K,5700K, with CRI ≥80. IK08 body in RAL7035 colored self-exhausting polycarbonate, for industrial applications and ideal for production areas, warehouses, logistics areas and design to replace fluorescent devices and lowbay up to 6,500lm. Available in sizes 800, 1200, 1600mm, powers from 18W to 58W, flux range from 1.700lm to 6.500lm, with integrated Power On/Off or DALI and 2 different optical solutions UV-stabilized self-extinguishing polycarbonate, in opal or trasparent finish. The version with passing wiring has mechanical and electrical connection components prewired, with up to 25 fixtures installed in a continuous row. The device can be hung or wall mounted and is available a GW bracket accessories with a tilt of 30° or 45° on the vertical axis. Available also with an emergency kit version.

Context Lighting of warehouses, indoor parking and industrial production rooms Offic Wide opal Luminaire LED fixture for general lighting Unfied Glare Rating UGR ≤ 22 (4H/8H) Application Internal Lumen output (Im) 3250 Unique digital code (Datamatrix) Datamatrix Efficacy (Im/W) 125 Colour Grey (RL7 7035) Colour temperature 4000 K Type of light source LBD 10(Tq25*C)=60.000h; L80B10(Tq25*C)=125.000h; L80B10 Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25*C)=60.000h; L80B10(Tq25*C)=125.00h; L80B10 Photobiological Risk Class R60 Weight (kg) 2.5 Standard EN60598-1; IEC 62778; IEC62471 SOCM Weight (kg) 2.5 Standard EN60598-1; IEC 62778; IEC62471 SOCM = 240 V Waranty 5 years ELETRCLA ND LIGHTING FEATURES - - Operating temperature -25 450 °C Rated frequency (Hz) 50/60 Hz - MATERALS 01/ver failure rate F10 = 100.0000 ht q25 °C - - - - S	GENERAL INF	ORMATION -	OPTIC AND ILLUMINATING FEATURES	-
ApplicationInternalInternalInternalInternalStatiles3250Unique digital code (Datamatrix)DatamatrixEfficacy125ColourGrey (RAL 7035)Colour Rendering IndexCRI>80System powerLEDColour Rendering IndexCRI>80LED LifetimeL90B10(Tq25°C)=60.000h; L80B10(Tq25°C)=125.000h; L80B10Standard Deviation Colour MatchingSDCM = 3Weight (kg)2.5Standard Deviation Colour MatchingCOLOR 60Weight (kg)5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +50 °CSupply voltage220 - 240 VOperating temperature-25 +50 °CRed frequency (Hz)50/60 HzMATERIALSDriverIntegrated in the screenDriverIndolund tractory of the screenOpticIntegrated in the screenControl SystemThrough wiring - OrOpticRAL7035 colored PC pasteWiringWith GW connect watertight connectorStandardCNC deposited sealantControl System-ColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorStandardsItilUniting and installationCelling - Wallmounting - SuspensionExternal Screew-Til< Withing bracket	Context		Optic	Wide opal
Unique digital code (Datamatrix) Datamatrix Efficacy 125 Colour Grey (RAL 7035) Colour temperature 4000 K Type of light source LED Colour temperature 4000 K System power 26 W Standard Deviation Colour Matching SDCR 8-3 LED Lifetime L90B10(Tq25°C)=60.000h; L80B10(Tq25°C)=125.000h; L80B10 Photobiological Risk Class RG0 Weight (kg) (Tq50°C)=99.000h ELTRICAL AND LIGHTING FEATURES - Veight (kg) 2.5 Standard frequency (Hz) 5060 Hz Operating temperature -25 +80 °C Supply voltage 220 - 240 V Operating temperature -25 +80 °C Rated frequency (Hz) 50/60 Hz Shield type UV stabilised polycarbonate Driver failure rate F10 = 100.000h Tq25°C Optic Integrated in the screen Control System Through witing - 0n/Off Gasket Color RAL7035 colored PC paste Witing With fixing bracket Colour RAL7035 colored PC paste Witing With fixing bracket Colour ender surface temperature Yes Control System Ceiling - Waltmounting - Suspension	Luminaire LED fixture for general lighting		Unified Glare Rating	UGR ≤ 22 (4H/8H)
Colour Grey (RAL 7035) Colour temperature 4000 k Type of light source LED Colour Rendering Index CRI>80 System power 26 W Standard Deviation Colour Matching SDCM = 3 LED Lifetime L90B10(Tq25°C)=60.000h; L80B10(Tq25°C)=125.000h; L80B10(Tq25°C)=90.000h Photobiological Risk Class RG0 Weight (kg) 2.6 Standard EN60598-1; IEC 62778; IEC62471 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -25 +80 °C Supply voltage 220 - 240 V Operating temperature -25 +50 °C Rated frequency (Hz) 50/60 Hz Body Polycarbonate Driver Included Sheld type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic Intergrated in the screet Control System Through wiring - ON/OF - Colaur Book Tilt Wing Suspension - Colaur Book Tilt Wing Suspension - Colaur Book Tilt With GW connect watertight connector Stainless steel support Colaur Bord And Aper			Lumen output (Im)	3250
Type of light sourceLEDColour Rendering IndexCRI>80System power26 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=60.000h; L80B10(Tq25°C)=125.000h; L80B10(Tq25°C)=99.000hStandard Deviation Colour MatchingSDCM = 3Weight (kg)2.5Standard Deviation Colour MatchingEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220 - 240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzBodyPolycarbonateDriverIncludedSheld typeUV stabilised polycarbonateOverroltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenOverroltage protectionDM 1KV / CM 2KVColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-TitWith fixing pracketDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIPriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIPriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classII-Maximum surface exposed to the wind-IPEA-IP66/IP69	Unique digital code (Datamatrix) Datamatrix			125
System power26 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=60.000h; L80B10(Tq25°C)=125.000h; L80B10 (Tq50°C)=99.000h (Tq50°C)=99.000hPhotobiological Risk ClassRG0Weight (kg)2.5StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-26 +80 °CSupply voltage220 - 240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzBodyPolycarbonateDriverIncludedShield typeUV stabilised polycarbonateOvervoltage protectionDM TKV/ CM 2KVOpticIntegrated in the screenOvervoltage protectionDM TKV/ CM 2KVColurRAL7035 colored PC pasteVitingWith GW connect watertight connectorStandard Deviation-TitWounting and installationCeiling - Wallmounting - SuspensionClassification-FixingStainless steel supportClassificationNot availableDriver fixingStainless steel supportDevice with reduced surface temperatureYesControl SystemNon-replaceableDiver geneIpfde/PG6Control speced to the wind-Insulation classII-Ipfde/PG6-IP degreeIP6/PG6IP degreeIP6/PG6Matter and screeIP66/PG6-IN 18032-3 certificationNot available-IP degreeIP6/PG6-<	Colour	Grey (RAL 7035)	Colour temperature	4000 K
LED LifetimeL90B10(Tq25°C)=60.000h; L80B10(Tq25°C)=125.000h; L80B10 (Tq50°C)=99.000hPhotobiological Risk ClassRG0Weight (kg)2.5StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +50 °CSupply voltage220 - 240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedBodyPolycarbonateDriverIncludedShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - On/OffColourRAL7035 colored PC pasteWiring and installationCeiling - Wallmounting - SuspensionExternal screw-TitWith GW connect wateretColourRAL7035 colored PC pasteWiringWith GW connect wateretight connectoeDevice with reduced surface temperatureYesControl System ceilityNon-replaceableDevice with reduced surface temperatureYesControl Gear replaceabilityNon-replaceableDiver BoxIlight souce replaceabilityNon-replaceableBuilt -IPEAIMaximum surface exposed to the wind-IPedageeIP66/IP69Mechanical resistanceIK08	Type of light source LED		Colour Rendering Index	CRI>80
Weight (kg) 2.5 Standard EN60598-1; IEC 62778; IEC62471 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -25 +80 °C Supply voltage 220 - 240 V Operating temperature -25 +80 °C Rated frequency (Hz) 5060 Hz MATERIALS - Driver failure rate F10 = 100.000h Tq25° C Shield type UV stabilised polycarbonate Driver failure rate F10 = 100.000h Tq25° C Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screet Corclo System Through wiring - On/Off Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt With fixing bracket Colour RAL7035 colored PC paste Wiring With GW connect waterlight connector Standace - Elight souce replaceability Non-replaceable Device with reduced surface temperature Yes Colour Stalneess steel support Classification - Light souce replaceability Non-replaceable Din M3032-	System power 26 W		Standard Deviation Colour Matching	SDCM = 3
Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -25 +80 °C Supply voltage 220 - 240 V Operating temperature -25 +80 °C Rated frequency (Hz) 50/60 Hz MATERIALS - Driver Included Body Polycarbonate Driver failure rate F10 = 100.000h Tq25°C Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screen Control System Through wiring - On/Off Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - Locking Hook - Tilt With fixing bracket Colour RAL7035 colored PC paste Wiring Witing Stainless steel support Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature Yes Controlgear replaceability Non-replaceable Diver Box II Maximum surface exposed to the wind - IP Edgree IP66/IP69 - - Mochanical resistance IK08 - -	LED Lifetime		Photobiological Risk Class	RG0
Stocking temperature-25 +80 °CSupply voltage220 - 240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALS-DriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000 h 725°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableIPEAMaximum surface exposed to the wind-Insulation classIIIIIP degreeIP66/IP69Mechanical resistanceIK08	Weight (kg)	2.5	Standard	EN60598-1; IEC 62778; IEC62471
Operating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000 h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking HookMounting and installationCeiling - Wallmounting - Suspension-External screw-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect waterlight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver Box-IPEA-Maximum surface exposed to the wind-IPegreeIP66/IP69Mechanical resistanceIK08-	Warranty 5 years		ELETRICAL AND LIGHTING FEATURES	-
MATERIALS - Driver Included Body Polycarbonate Driver failure rate F10 = 100.000h Tq25°C Shield type UV stabilised polycarbonate Overvoltage protection DM 1KV / CM 2KV Optic Integrated in the screen Control System Though wiring - On/Off Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt With fixing bracket Colour RAL7035 colored PC paste Wiring With GW connect waterlight connector STANDARDS AND APPROVALS - Light souce replaceability Non-replaceable Device with reduced surface temperature Yes Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available Driver Box Built-in IPEA - Maximum surface exposed to the wind - IP degree IP66/IP69 - - Mechanical resistance IK08 - -	Stocking temperature -25 +80 °C		Supply voltage	220 - 240 V
BodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDivier duced surface temperatureYesControl gear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the wind-IPeqeeIP66/IP69Mechanical resistanceIK08	Operating temperature -25 +50 °C		Rated frequency (Hz)	50/60 Hz
Shield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the wind-IPedgreeIIP66/IP69Mechanical resistanceIK08	MATERIALS -		Driver	Included
OpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-IIIIII-IP degreeIP66/IP69Mechanical resistanceIK08	Body	Polycarbonate	Driver failure rate	F10 = 100.000h Tq25°C
Gasket CNC deposited sealant INSTALLATION AND MAINTENANCE - Locking Hook - Mounting and installation Ceiling - Wallmounting - Suspension External screw - Tilt With fixing bracket Colour RAL7035 colored PC paste Wiring With GW connect watertight connector STANDARDS AND APPROVALS - Fixing Stainless steel support Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature Yes Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available Driver Box Built-in IPEA - Maximum surface exposed to the wind - IP degree IP66/IP69 - - Mechanical resistance IK08 - -	Shield type	UV stabilised polycarbonate	Overvoltage protection	DM 1KV / CM 2KV
Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIIP degreeIP66/IP69Mechanical resistanceIK08	Optic	Integrated in the screen	Control System	Through wiring - On/Off
External screw-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIIP degreeIP66/IP69Mechanical resistanceIK08	Gasket CNC deposited sealant		INSTALLATION AND MAINTENANCE	-
ColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-Insulation classIIIP degreeIP66/IP69Mechanical resistanceIK08	Locking Hook -		Mounting and installation	Ceiling - Wallmounting - Suspension
STANDARDS AND APPROVALS - Fixing Stainless steel support Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature Yes Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available Driver Box Built-in IPEA - Maximum surface exposed to the wind - Insulation class II - - IP degree IP66/IP69 - - Mechanical resistance IK08 - -	External screw -		Tilt	With fixing bracket
Classification - Light souce replaceability Non-replaceable Device with reduced surface temperature Yes Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available Driver Box Built-in IPEA - Maximum surface exposed to the wind - Insulation class II - - IP degree IP66/IP69 - - Mechanical resistance IK08 - -	Colour RAL7035 colored PC paste		Wiring	
Device with reduced surface temperature Yes Controlgear replaceability Non-replaceable DIN 18032-3 certification Not available Driver Box Built-in IPEA - Maximum surface exposed to the wind - Insulation class II - - IP degree IP66/IP69 - - Mechanical resistance IK08 - -	STANDARDS AND APPROVALS -		Fixing	Stainless steel support
DIN 18032-3 certification Not available Driver Box Built-in IPEA - Maximum surface exposed to the wind - Insulation class II - IP degree IP66/IP69 - Mechanical resistance IK08 -	Classification -		Light souce replaceability	Non-replaceable
IPEA - Maximum surface exposed to the wind - Insulation class II - IP degree IP66/IP69 - Mechanical resistance IK08 -	Device with reduced surface temperature Yes		Controlgear replaceability	Non-replaceable
Insulation class II - IP degree IP66/IP69 - Mechanical resistance IK08 -	DIN 18032-3 certification Not available		Driver Box	Built-in
IP degree IP66/IP69 - Mechanical resistance IK08 -	IPEA -		Maximum surface exposed to the wind	-
Mechanical resistance IK08 -				-
	J			-
Glow Wire Test 850 °C -	Mechanical resistance IK08			-
	Glow Wire Tes	t 850 °C		-

DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY Image: Constraint of the symbol Image:

Data, measures, designs and pictures are for information purpose only, last update 20/04/2023. 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 GWS3158PL SMART [3]