## Product Data Sheet GWS3258PL

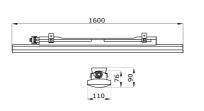
#### SMART [3]



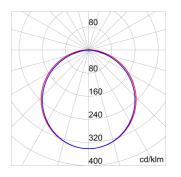
Smart [3] is a watertight fixture IP66/69 with Flip Type LED without wire bording, available in 3000K,4000K,5700K, with CRI ≥80. IK08 body in RAL7035 colored self-exhausting polycarbonate, for industrial applications and ideal for production areas, warehouses, logistics areas and design to replace fluorescent 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         Optic         Wide opal           Luminaire         LED fixture for general lighting         Unfied Glare Rating         UGR ≤ 25 (4H/8H)           Application         Internal         Lumen output (Im)         6400           Unique digital code (Datamatrix)         Datamatrix         Efficacy (Im/W)         128           Colour         Grey (RL7 7035)         Colour temperature         4000 kf           Type of light source         LED         Colour Temperature         4000 kf           LED Lifetime         190810(Tq25°C)=45.000h; L80B10(Tq25°C)=45.000h; L80B10         Photobiological Risk Class         RG0           Weight (kg)         2.5         Standard Deviation Colour Matching         SDCM = 3           Usegint (kg)         2.5         Standard         EN60598-1; IEC 62778; IEC62471           Waranty         5 years         ELETCAL AND LIGHTING FEATURES         -           Operating temperature         -25 450 °C         Rated frequency (Hz)         50/60 Hz           Optic         Integrated in the screen         Oriver failure rate         F10 = 100.0000 Hz Q5°C           Shield type         UV stabilised polycarbonate         Overvollage protection         DM 1KV / CM 2KV           Optic         Inte	GENERAL INF	ORMATION -	OPTIC AND ILLUMINATING FEATURES	-
ApplicationInternalInternalImem output (Im)6400Unique digital code (Datamatrix)DatamatrixEfficacy128ColourGrey (RAL 7035)Colour temperature4000 KType of light sourceLEDColour Rendering IndexCRI>80System powerL50Standard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=45.000h; L80B10(Tq25°C)=92.000h; L80B10 (Tq50°C)=41.000hStandard Deviation Colour MatchingSDCM = 3Weight (kg)2.5Standard Deviation Colour MatchingSDCM = 3RG0Weight (kg)5 yearsELETRICAL AND LiGHTING FEATURES-Stocking temperature-25 +80 °CSuppl yoltage220 -240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriver failure rateF10 = 100.000h Tq25°C-Shield typeUV stabilised polycarbonateOrveroltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl System-ColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorStandards ure with reduced surface temperatureYeixingStailess steel supportColassification-Light souce replaceabilityNon-replaceableDiver grade surfaceYeixingStailess steel supportColassification-Light souce replaceabilityNon-replaceableDiver gradeNotavailableDiver BoxBuilt-inPeA-Maximum surface exposed to the w	Context		Optic	Wide opal
ApplicationInternalInternalImem output (Im)6400Unique digital code (Datamatrix)DatamatrixEfficacy128ColourGrey (RAL 7035)Colour temperature4000 KType of light sourceLEDColour Rendering IndexCRI>80System powerL50Standard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=45.000h; L80B10(Tq25°C)=92.000h; L80B10 (Tq50°C)=41.000hStandard Deviation Colour MatchingSDCM = 3Weight (kg)2.5Standard Deviation Colour MatchingSDCM = 3RG0Weight (kg)5 yearsELETRICAL AND LiGHTING FEATURES-Stocking temperature-25 +80 °CSuppl yoltage220 -240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriver failure rateF10 = 100.000h Tq25°C-Shield typeUV stabilised polycarbonateOrveroltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl System-ColourRAL7035 colored PC pasteWiringWith GW connect watertight connectorStandards ure with reduced surface temperatureYeixingStailess steel supportColassification-Light souce replaceabilityNon-replaceableDiver grade surfaceYeixingStailess steel supportColassification-Light souce replaceabilityNon-replaceableDiver gradeNotavailableDiver BoxBuilt-inPeA-Maximum surface exposed to the w	Luminaire	LED fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/8H)
Colour       Grey (RAL 7035)       Colour temperature       400 k         Type of light source       LED       Colour Rendering Index       CRI>80         System power       50 W       Standard Deviation Colour Matching       SDCM = 3         LED Lifetime       L9DB10(Tq25°C)=45.000h; L80B10(Tq25°C)=92.000h; L80B10       Photobiological Risk Class       RG0         Weight (kg)       2.5       Standard       EN60598-1; IEC 62778; IEC62471         Warranty       5 years       Standard       EN60598-1; IEC 62778; IEC62471         Warranty       5 years       Standard       EN60598-1; IEC 62778; IEC62471         Warranty       5 years       Supply voltage       220 - 240 V         Operating temperature       -25 +50 °C       Supply voltage       220 - 240 V         MatTERIALS       50/60 Hz       Driver       Included         Body       Polycarbonate       Driver       Overvoltage protection       DM 1KV / CM 2KV         Shield type       UV stabilised polycarbonate       Overvoltage protection       DM 1KV / CM 2KV         Optic       Intergrated in the screw       Titic       Mounting and installation       Ceiling - Wallmounting - Suspension         Colour       RAL7035 colored PC paste       Wiring       Wiring       Stainless steel support </td <td>Application</td> <td></td> <td>Lumen output (Im)</td> <td>6400</td>	Application		Lumen output (Im)	6400
Type of light source       LED       Colour Rendering Index       CRI>80         System power       50 W       Standard Deviation Colour Matching       SDCM = 3         LED Lifetime       L90B10(Tq25°C)=45.000h; L80B10(Tq25°C)=52.000h; L80B10(Tq25°C)=45.000h       Photobiological Risk Class       RG0         Weight (kg)       2.5       Standard Deviation Colour Matching       SDCM = 3         Warranty       5 years       ELETRICAL AND LIGHTING FEATURES       -         Stocking temperature       -25 +50 °C       Supply voltage       220 - 240 V         Operating temperature       -25 +50 °C       Supply voltage       220 - 240 V         Body       Polycarbonate       Driver       Included         Body       Polycarbonate       Overroitage protection       DM 1KV / CM 2KV         Optic       Integrated in the screen       Control System       Through wiring - On/Off         Colour       RAL7035 colored PC paste       Wiring       With GW connect watertight connector         Standard       Light source replaceability       Non-replaceable       Non-replaceable         Divice with reduced surface temperature       Yes       Suppl voitage replaceability       Non-replaceable         Colour       RAL7035 colored PC paste       Wiring       Staniless steel support       Stainl	Unique digital code (Datamatrix) Datamatrix			128
System power50 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=45.000h; L80B10(Tq25°C)=92.000h; L80B10 (Tq50°C)=81.000hPhotobiological Risk ClassRG0Weight (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 HzBodyPolycarbonateDriverIncludedShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - On/OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-ColourRAL7035 colored PC pasteVitingWith GW connect watertight connectorSTANDARDS AND APPROVALSFixingStainless steels supportClassificationNot availableDriver BoxBuilt souce replaceabilityINS14_LATION AND AND APPROVALSFixingStainless steels supportINS32-3 certificationNot availableDrive BoxBuiltIPEA-Maximum surface exposed to the wind-Insulation classIIIPedereeIP66/IP69INS4Kill	Colour	Grey (RAL 7035)	Colour temperature	4000 K
LÉD LifetimeL90B10(Tq25°C)=45.000h; L80B10(Tq25°C)=92.000h; L80B10(Tq25°C)=81.000hPhotobiological 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 HzMATERIALSDriverIncludedBodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemThrough wiring - On/OffCoking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TitWith GW connect water to nucleteColourRAL7035 colored PC pateWiringWith GW connect water to nucleteDevice with reduced surface temperatureYesControl SystemStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDiver BaseIlPriver BoxBuilt-in-IPEA-Maximum surface exposed to the wind-IPEAII-Maximum surface exposed to the wind-IPEAIIP degreeIIP6/IP69IP degreeIIP6/IP69 <td colspan="2">Type of light source LED</td> <td>Colour Rendering Index</td> <td>CRI&gt;80</td>	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       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 screet       Concol System       Through wiring - On/Off         Locking Hook       -       Tilt       With fixing bracket         Colour       RAL7035 colored PC paste       Wiring       With GW connect waterlight connector         Standards       -       Tixing       Stainless steel support         Classification       -       Light souce replaceability       Non-replaceable         Device with reduced surface temperature       Yes       Cortrolgaer replaceability       Non-replaceable         Device with reduced surface temperature       Yes       Cortrolgaer replaceability       Non-replaceable         Device with reduced surface temperature	System power 50 W		Standard Deviation Colour Matching	SDCM = 3
Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220 - 240 VOperating temperature-25 +80 °CRated frequency (Hz)50/60 HzMATERIALS-DriverIncludedBodyPolycarbonateDriver 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-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWitingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDiver BoxIlMaximum surface exposed to the wind-IP AgreeIP66/IP69Mechanical resistanceIK08	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 = 100.00h 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 fixing bracketColourRAL7035 colored PC pasteViringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDevice with reduced surface temperatureIIMaximum surface exposed to the wind-Insulation classIIHaximum surface exposed to the windIP 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 screwTiltWith fixing bracketColourColourRAL7035 colored PC pasteWiringWith GW connect waterlight connectorSTANDARDS AND APPROVALSFixingStainless steel supportClassificationVerseControlgear replaceabilityNon-replaceableDIN 18032-3 certificationNot availableDriver Box-IPEA-Maximum surface exposed to the wind-IPEA-Maximum surface exposed to the wind-IP degreeIP66/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       Driver failure rate       F10 = 100.000h Tq25°C         Optic       UV stabilised polycarbonate       Overvoltage protection       DM 1KV / CM 2KV         Optic       Integrated in the screen       Control 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 watertight 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       -         Insulation class       II       -       -         IPegeree       IP66/IP69       -       -         Mechanical resistance       IK08       -       - <td colspan="2">Stocking temperature -25 +80 °C</td> <td>Supply voltage</td> <td>220 - 240 V</td>	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-replaceableDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableIPEA-Maximum surface exposed to the wind-IP degreeIP66/IP69Mechanical resistanceIK08	Operating temperature -25 +50 °C		Rated frequency (Hz)	50/60 Hz
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       -       Mounting and installation       Ceiling - Wallmounting - Suspension         External screw       -       Tilt       With GW connect watertight connector         STANDARDS AND APPROVALS       -       Fixing       Stainless steel support         Classification       -       Light souce replaceability       Non-replaceable         Device with reduced surface temperature       Yes       Control gear 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       -       -	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-IIIIIIIP 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 watright 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       -         II       II       -       -         IPegee       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			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-IIIP degreeIP66/IP69-Mechanical 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 -			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       -       -         IPegree       IP66/IP69       -       -         Mechanical resistance       IK08       -       -	External screw -			
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	With GW connect watertight connector
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 -				-
				-
Glow Wire Test         850 °C         -				-
	Glow Wire Test	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

Product Data Sheet GWS3258PL

SMART [3]



