## Product Data Sheet **GWS3158T**

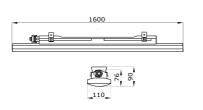
SMART [3]



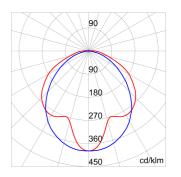
Smart [3] is a watertight fixture IP66/69 with Flip Type LED without wire bording, available in 3000K,4000K,5700K, with CRI ≥80. IK08 body in RAL7035 colored self-exhausting polycarbonate, for industrial applications and ideal for production areas, warehouses, logistics areas and design to replace fluorescent devices and lowbay up to 6,500lm. Available in sizes 800, 1200, 1600mm, powers from 18W to 58W, flux range from 1.700Im to 6.500Im, 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.

	GENERAL INF	FORMATION -	OPTIC AND ILLUMINATING FEATURES	-
ApplicationInternalLumen output (Im)3400Unique digital code (Datamatrix)DatamatrixEfficacy131ColourGrey (RAL 7035)Colour temperature4000 KType of light sourceLEDColour temperature4000 KSystem powerLEDColour temperature600 KLED LifetimeL90B10(Tq25°C)=60.000h; L80B10(Tq25°C)=125.000h; L80B10Photobiological Risk ClassRG0Weight (kg)2.5Standard Deviation Colour MatchingSDCMWeight (kg)2.5Standard Deviation Colour Matching200 cWaranty5 yearsELETICAL AND LIGHTING FEATURESCStocking temperature-25 +80 °CStandard fequency (Hz)50/60 HzMATERIALSDriver failure rateF10 = 100.00h Tq25°C50/60 HzSheld typeUV stabilised polycarbonateOrveroltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemStandard None - On / OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-ColourRAL7035 colored PC pasteWiringWith King brackettColourRAL7035 colored PC pasteWiringStainless steel supportStainless teel support-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYeesControlgear replaceabilityNon-replaceableDivice failer feesI/B6/I/P69Matching accesterGasketCNC deposited sealant	Context		Optic	Microprismatic transparent
Unique digital code (Datamatrix)   Datamatrix   Efficacy (mWV)   131     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   SDCM = 3     LED Lifetime   L90B10(Tq25°C)=60.000h; L80B10(Tq25°C)=125.000h; L80B10   Photobiological Risk Class   RG0     Weight (kg)   (Tq50°C)=99.000h   ELETRICAL AND LIGHTING FEATURES   -     Waranty   5 years   Standard Deviation Colour Matching   220 - 240 V     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   Standard Mone - 0n / Off     Colour   RAL7035 colored PC pase   Tilt   With fixing bracket     Colour   RAL7035 colored PC pase   Witing   Stainless steel support     Classification   -   Light souce replaceability   Non-replaceable     Divi	Luminaire	LED fixture for general lighting	Unified Glare Rating	UGR ≤ 25 (4H/8H)
Colour   Grey (RAL 7035)   Colour Rendering Index   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   Photobiological Risk Class   RG0     Weight (kg)   2.5   Standard   EN60598-1; IEC 62778; IEC62471     Warranty   5 years   ELET RICAL AND LIGHTING FEATURES   -     Stocking temperature   -25 +50 °C   Rated frequency (Hz)   50/60 Hz     MatTERIALS   Driver   Included   Driver     Body   Polycarbonate   Driver failure rate   F10 = 100.000h Tq25°C     Sheid type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   Integrated in the screet   Control System   Standar0   Celling - Wallmounting - Suspension     Colour   RAL7035 colored PC paste   Wring   With GW connect watertight connector     Standard periodecimation   Light source replaceability   Non-replaceable   Driver RAL7035 colored PC paste     Standard periodecimation   Light souce replaceability   Non-replace	Application Internal		Lumen output (Im)	3400
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)=99.000h   Photobiological Risk Class   RG0     Weight (kg)   2.5   Standard Deviation Colour Matching   SDCM = 3     Warranty   5 years   ELETRICAL AND LIGHTING FEATURES   -     Stocking temperature   -25 +80 °C   Supply voltage   220 - 240 V     Operating temperature   -25 +50 °C   Rated frequency (Hz)   50/60 Hz   50/60 Hz     Body   Polycarbonate   Driver   Norver   Included     Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Colour   RAL7035 colored PC paste   Tilt   With fixing pracket     Colour   RAL7035 colored PC paste   Wiring   Stanless steel support     Standard   Light source replaceability   Non-replaceability   Non-replaceability     Colour   RAL7035 colored PC paste   Uring   Stainless steel support     Classification   Light soure replaceability   Non-replaceability	Unique digital code (Datamatrix) Datamatrix			131
System power26 WStandard Deviation Colour MatchingSDCM = 3LED LifetimeL90B10(Tq25°C)=60.000h; L80B10(Tq25°C)=125.000h; L80B10 (Tq50°C)=99.000h (Tq50°C)=99.000h (Tq50°C)=99.000hPhotobiological Risk ClassRG0Weight (kg)2.5StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +50 °CRated frequency (Hz)50/60 HzOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzBodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemStand Alone - On / OffGasketCNC deposited sealantNounting and installationCeiling - Wallmounting - Suspension-ColourRAL7035 colored PC pasteWiringWith GW connect watertight connector-STANDARDS AND APPROVALS-FixingStainless steel supportIPEALight souce replaceabilityNon-replaceableDiver BoxII PdegreeIP6/IP66IPEAMounting and surface exposed to the wind-IPEAIPEAIPEAIPEAIPEA<	Colour	Grey (RAL 7035)	Colour temperature	4000 K
LÉD 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 +80 °CSupply voltage220 - 240 VOperating temperature-25 +50 °CRated frequency (Hz)50/60 HzMATERIALSDriverIncludedIncludedBodyPolycarbonateDriver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenCNC deposite sealantINSTALLATION AND MAINTENANCE-Locking Hook-Mounting and installationCeiling - Wallmounting - SuspensionExternal screw-TiltWrith GW connect wateretClourColourRAL7035 colored PC pasteWringWith GW connect wateretDevice with reduced surface temperatureYesDevice with reduced surface temperatureYesControl System control scolere placeabilityNon-replaceableDiver BoxUN availableDriver BoxBuilt-in-IPEA-Maximum surface exposed to the wind-IPedgreeIP66/IP69IP degreeIP66/IP69KotaIIPoloceabileIK08	Type of light source LED		Colour Rendering Index	CRI>80
Weight (kg)CWeight (kg)2.5StandardEN60598-1; IEC 62778; IEC62471Warranty5 yearsELETRICAL AND LIGHTING FEATURES-Stocking temperature-25 +80 °CSupply voltage220 - 240 VOperating temperature-25 +80 °CRated frequency (Hz)50/60 HzMATERIALS-Driver failure rateF10 = 100.000h Tq25°CShield typeUV stabilised polycarbonateDriver failure rateF10 = 100.000h Tq25°COpticIntegrated in the screeCortrol SystemStand Alone - On / OffCasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-TiltWith fixing bracketColourRAL7035 colored PC pasteWiringWith GW connect waterlight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportClassification-Light souce replaceabilityNon-replaceableDevice with reduced surface temperatureYesControlgear replaceabilityNon-replaceableDiviser failcationNot availableDriver BoxBuilt-inIPEA-Maximum surface exposed to the wind-IPEA-INS-Haximum surface exposed to the windIP degreeIIP66//F69Material sersevIIHaximum surface exposed to the wind-IP degreeIIP66//F69Material sersevIIHaximum surface exposed to the wind-IP degreeIIP66//F69-<	System power 26 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-DriverIncludedBodyPolycarbonateDriver10000h Tq25°CShield typeUV stabilised polycarbonateOvervoltage protectionDM 1KV / CM 2KVOpticIntegrated in the screenControl SystemStand Alone - On / OffGasketCNC deposited sealantINSTALLATION AND MAINTENANCE-Locking Hook-TiltWith fixing bracketColurRAL7035 colored PC pasteWiringWith GW connect watertight connectorSTANDARDS AND APPROVALS-FixingStainless steel supportDevice with reduced surface temperatureYesControl gear replaceabilityNon-replaceableDiver BoxIIIIIIIIIIIIIIPEA-Maximum surface exposed to the wind-IPedgreeIP66/IP69IIIIMaximum surface exposed to the windIP degreeIP66/IP69Mechanical resistanceIK08	LED Lifetime		Photobiological Risk Class	RG0
Stocking temperature   -25 +80 °C   Supply voltage   220 - 240 V     Operating temperature   -25 +50 °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   Stand Alone - On / Off     Gasket   CNC deposited sealant   INSTALLATION AND MAINTENANCE   -     Locking Hook   -   Mounting and installation   Ceiling - Wallmounting - Suspension     External screw   -   Tit   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   Control gear replaceability   Non-replaceable     Divice Box   III   Maximum surface exposed to the wind   -   -     IP26gree   <	Weight (kg)	2.5	Standard	EN60598-1; IEC 62778; IEC62471
Operating temperature   -25 +50 °C   Rated frequency (Hz)   50/60 Hz     MATERIALS   Driver   Included     Body   Polycarbonate   Driver failure rate   F10 = 100.000 h Tq25°C     Shield type   UV stabilised polycarbonate   Overvoltage protection   DM 1KV / CM 2KV     Optic   Integrated in the screen   Control System   Stand Alone - 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     STANDARDS AND APPROVALS   -   Fixing   Stainless steel support     Classification   -   Light souce 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   -   -	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   Stand Alone - 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   -     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 SystemStand Alone - 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-replaceableIPEA-Maximum surface exposed to the wind-Insulation classIIIP 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   Stand Alone - 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     IPEA   -   Maximum surface exposed to the wind   -     Insulation class   II   -   -     IP degree   IP66/IP69   -   -     Mechanical resistance   IK08   -   -	MATERIALS -		Driver	Included
OpticIntegrated in the screenControl SystemStand Alone - 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-IIIIIIMechanical 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   -     II   II   Hoting strate exposed to the wind   -     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	Stand Alone - On / Off
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   -     Insulation class   II   -   -     Mechanical resistance   IK08   -   -	Gasket CNC deposited sealant		INSTALLATION AND MAINTENANCE	-
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   -     Insulation class   II   -   -     IPedgree   IP66/IP69   -   -     Mechanical resistance   IK08   -   -	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	
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 -	Mechanical resistance IK08			-
	Glow Wire Tes	t 850 °C		-

## DIMENSIONAL



## PHOTOMETRIC DISTRIBUTION



GWT

## **TECHNICAL SYMBOLOGY** iiii 💥 💼 IP IK IP66/IP69 IK08 850 °C

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

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SMART [3]



