

# GreenPerform Waterproof G3 – Features and benefits



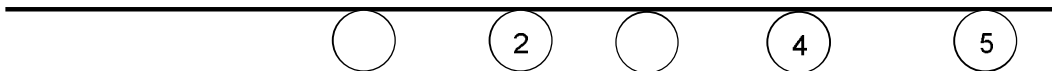
## Features and benefits:

- Superior optics - up to **140 lm/W**, **wide beam with glaring control**
- Product diversity **3** **multiple lumen options from 1800~8000lm, different optical covers**
- Fully connected **DALI, Interact** ready for industry applications
- Reliable performance - **50,000hours** L70 Ta 25° C
- Easy installation – **(through wiring and external connectors available)**

# Applications



# GreenPerform Waterproof G3 designation



- LED18S – 1800lm
- LED19S – 1900lm
- LED22S – 2200lm
- LED27S – 2700lm
- LED34S – 3400lm
- LED40S – 4000lm
- LED60S – 6000lm
- LED80S – 8000lm

- 840 - 4000K
- 865 – 6500K (ETO)

- Wide beam (Prismatic Cover)
- PCO – Lambertian (Opal cover)
- TW1 – Through wiring (ETO)
- WEC – Waterproof external connector (ETO)

- L 600 - 665x80x85mm
- L1200 - 1215x80x85mm
- L1500 - 1515x80x85mm

- PSU – Fixed output
- IAI – Wireless driver for Interact
- PSD – DALI



# Technical Specifications – Fixed output version

	L600	L1200		L1500	
System Lumen output (WB version)	1900lm	2700lm	4000lm	6000lm	8000lm
System Lumen output (PCO version)	1800lm	2500lm	3700lm	5700lm	7500lm
System power (W)	15W	21W	29W	43W	57W
System efficacy (WB version)	127lm/W	132lm/W	140lm/W	140lm/W	140lm/W
System efficacy (PCO version)	121lm/W	122lm/W	128lm/W	130lm/W	133lm/W
Dimension ( L x W x H, mm)	665 x 80 x 76	1215 x 80 x 76		1515 x 80 x 76	
Optics	Opal cover for Lambertian, Prismatic cover for wide beam				
Power factor	0.9				
CCT	NW - 4000K; CW - 6500K (ETO);				
CRI	>80				
SDCM	≤ 3				
IP rating	IP65				
IK rating	IK08				
Classification	Class I				
Input voltage	220-240V, 50/60 Hz				
Operating temperature	-25 ~ 40°C				
Lifetime (hours)	50,000 @L75B50 @Ta 25°C				
Material	Housing: PC / Optical cover: PC				
Mounting	Surfaced; Suspended				




# Technical Specifications – DALI version

	L1200		L1500	
System Lumen output (WB version)	2700lm	4000lm	6000lm	8000lm
System Lumen output (PCO version)	2500lm	3700lm	5700lm	7500lm
System power (W)	21W	29W	43W	57W
System efficacy (WB version)	132lm/W	140lm/W	140lm/W	140lm/W
System efficacy (PCO version)	122lm/W	128lm/W	130lm/W	133lm/W
Dimension ( L x W x H, mm)	1215 x 80 x 76		1515 x 80 x 76	
Optics	Prismatic cover for wide beam; Opal cover for Lambertian(ETO)			
Power factor	0.9			
CCT	NW - 4000K; CW - 6500K (ETO);			
CRI	>80			
SDCM	<= 3			
IP rating	IP65			
IK rating	IK08			
Classification	Class I			
Input voltage	220-240V, 50/60 Hz			
Operating temperature	-25 ~ 40°C			
Lifetime (hours)	50,000 @L75B50 @Ta 25°C			
Material	Housing: PC / Optical cover: PC			
Mounting	Surfaced; Suspended			

# Technical Specifications – Interact industry version

	L1200	L1500
System Lumen output (WB version)	4000lm	6000lm
System power (W)	29W	43W
System efficacy (WB version)	140lm/W	140lm/W
Dimension ( L x W x H, mm)	1215 x 80 x 76	1515 x 80 x 76
Optics	Prismatic cover for wide beam, (Opal cover available via ETO)	
Power factor	0.9	
CCT	NW - 4000K; CW - 6500K (ETO);	
CRI	>80	
SDCM	<= 3	
IP rating	IP65	
IK rating	IK08	
Classification	Class I	
Input voltage	220-240V, 50/60 Hz	
Operating temperature	-20 ~ 40°C	
Lifetime (hours)	50,000 @L75B50 @Ta 25°C	
Material	Housing: PC / Optical cover: PC	
Mounting	Surfaced; Suspended	

# Driver information

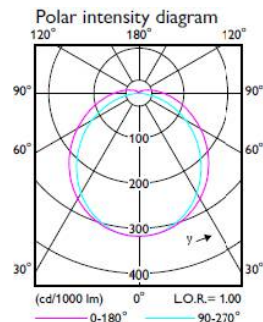
Driver	Fixed output	DALI dimming	Interact industry
Ref. luminaire type			
LED19S L600	CertaDrive 21W 0.35A 60V 230V 12NC: 9290 021 06580	-	-
LED27S L1200	CertaDrive 21W 0.35A 60V 230V 12NC: 9290 021 06580	Xitanium_35W_0.08- 0.35A_220V_TD21_230V 12NC: 9290 016 81706	-
LED40S L1200	CertaDrive 30W 0.35A 85V 230V 12NC: 9290 021 06680	Xitanium_35W_0.08- 0.35A_220V_TD21_230V 12NC: 9290 016 81706	Xitanium 54W 0.24-0.3A 180V WZ 230V 12NC: 9137-136-12566
LED60S L1500	CertaDrive 44W 0.35A 126V 230V 12NC: 9290 021 06780	Xitanium_60W_0.08- 0.35A_300V_TD21_230V 12NC: 9290 016 81806	Xitanium 54W 0.24-0.3A 180V WZ 230V 12NC: 9137-136-12566
LED80S L1500	CertaDrive 60W 0.35A 170V 230V 12NC: 9290 021 06880	Xitanium_60W_0.08- 0.35A_300V_TD21_230V 12NC: 9290 016 81806	-



# GreenPerform Waterproof G3 Vs G2

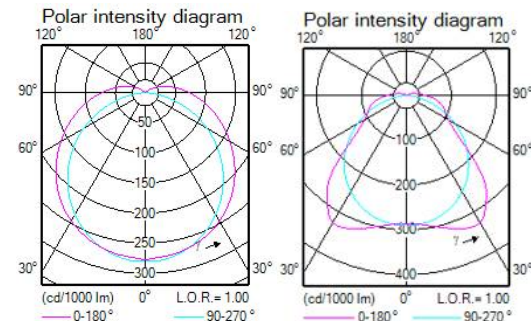
## GreenPerform

Lumen output	1000lm, 2000lm, 4000lm, 5400lm
System efficacy Ave.	
Optics	Lambertian
Dimension	0.6m, 1.2m, 1.5m
Mounting options	Surface mounted, suspended
Wiring options	Through wiring, middle wiring, terminal block
SDCM	
Driver	
Emergency light	
Lifetime	50,000hours L70 Ta 25° C



## GreenPerform G3

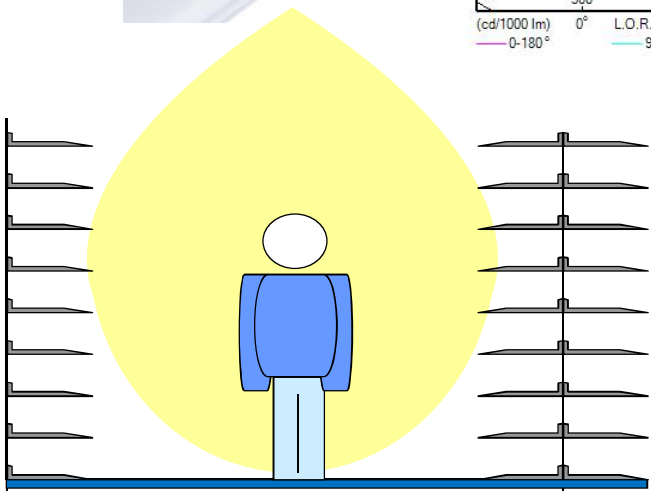
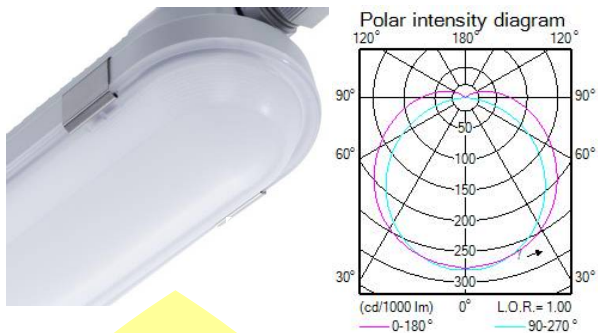
Lumen output	<b>8000lm (Multiple lumens with different optics)</b>
System efficacy Ave.	<b>Up to 140lm/W</b>
Optics	<b>wide beam</b>
Dimension	0.6m, 1.2m, 1.5m
Mounting options	Surface mounted, suspended
Wiring options	<b>waterproof external connector option</b>
SDCM	
Driver	<b>3</b>
Emergency light	<b>Replaceable - Wireless driver for IAI</b>
Lifetime	<b>Emergency light – 3 hours (Available from Europe factory)</b> 50,000hours L70 Ta 25° C





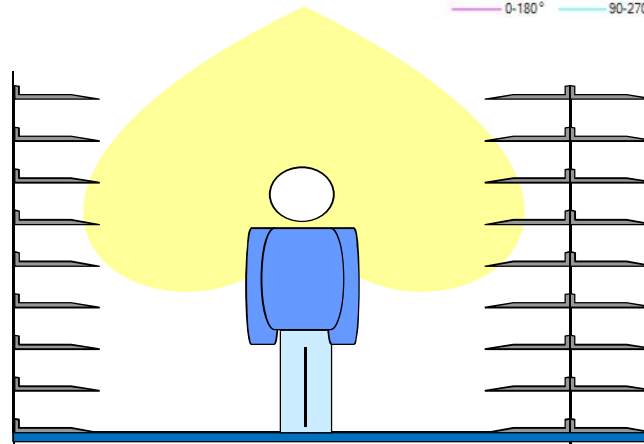
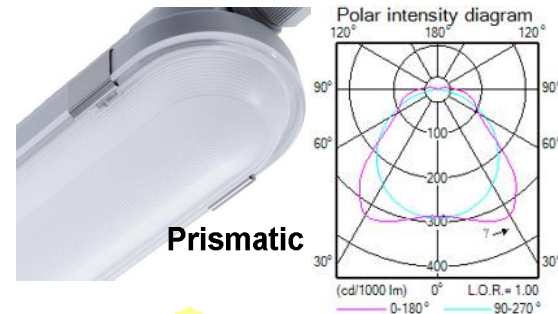
# Lighting application

## Lambertian for general lighting

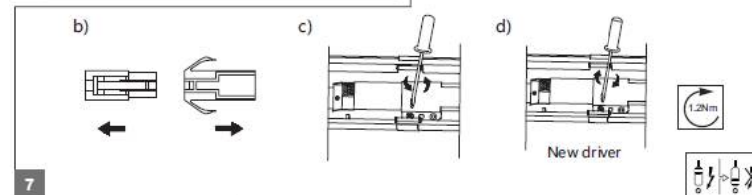
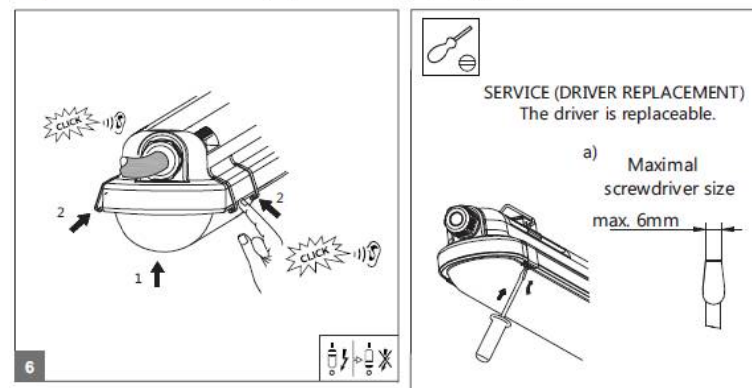
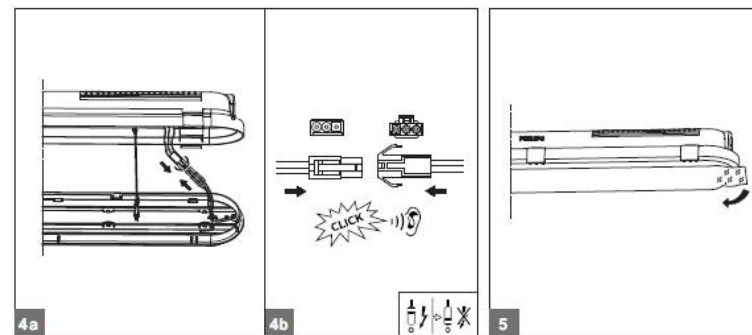
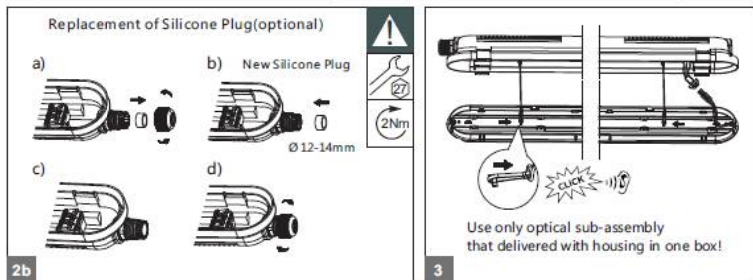
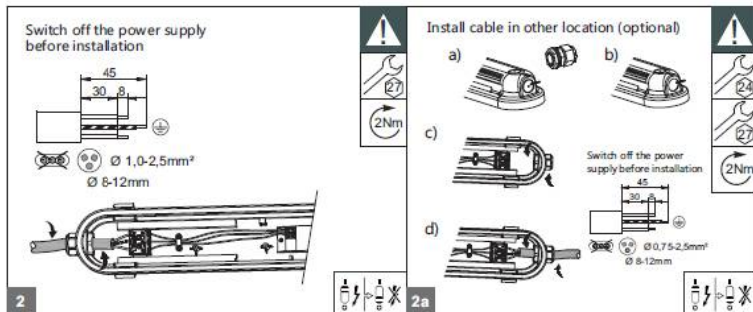
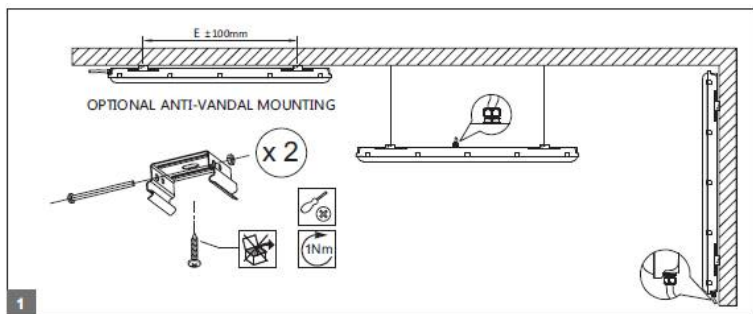


## Wide beam

- More illuminance in vertical
- Better glaring control

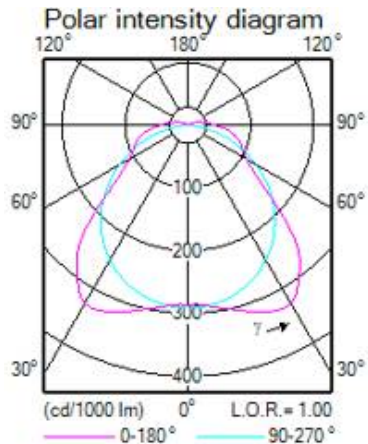


# Product Installation

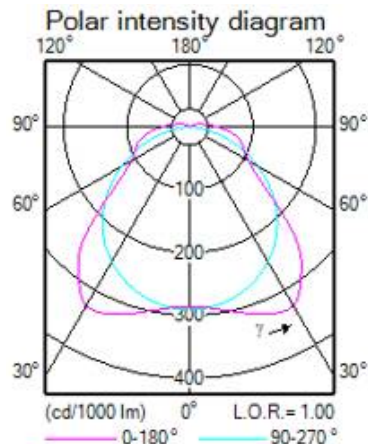


More details about installation and connection can be found in the mounting instruction

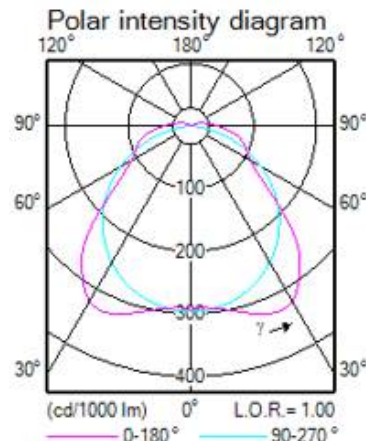
# Product Photometry



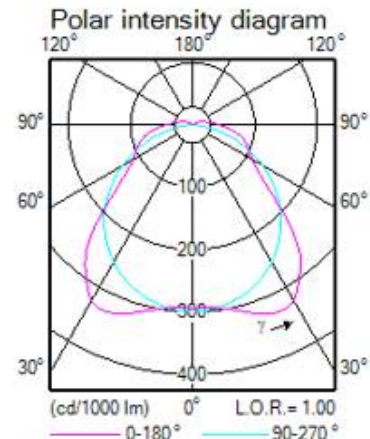
WT198C LED27S PSU L1200



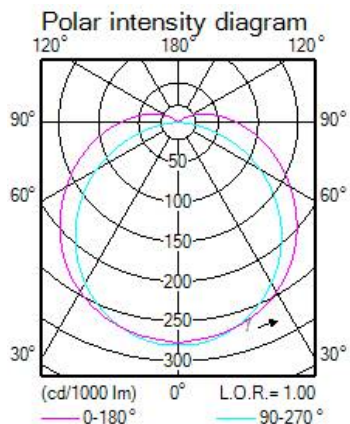
WT198C LED40S PSU L1200



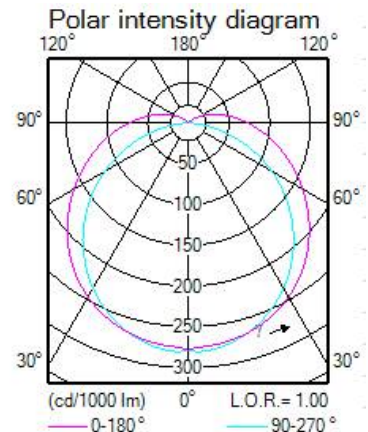
WT198C LED60S PSU L1500



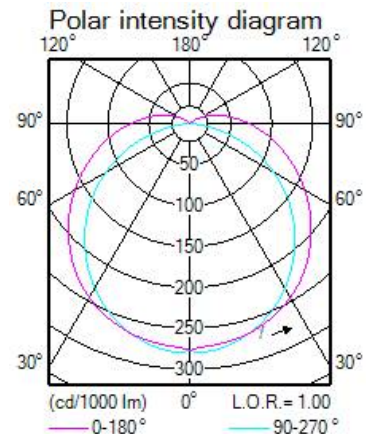
WT198C LED80S PSU L1500



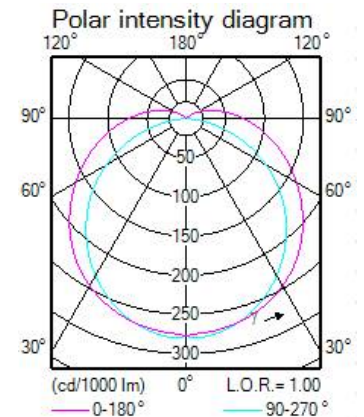
WT198C LED25S PSU PCO L1200



WT198C LED37S PSU PCO L1200



WT198C LED57S PSU PCO L1500



WT198C LED75S PSU PCO L1500

# Product ordering information

12NC	Description	Lumen	CCT	Length	Driver	Optics
911401825580	WT198C LED19S/840 PSU L600	1900lm	4000K	665mm	Fixed output	WB
911401825680	WT198C LED27S/840 PSU L1200	2700lm	4000K	1215mm	Fixed output	WB
911401825780	WT198C LED40S/840 PSU L1200	4000lm	4000K	1215mm	Fixed output	WB
911401825880	WT198C LED60S/840 PSU L1500	6000lm	4000K	1515mm	Fixed output	WB
911401825980	WT198C LED80S/840 PSU L1500	8000lm	4000K	1515mm	Fixed output	WB
911401826080	WT198C LED18S/840 PSU PCO L600	1800lm	4000K	665mm	Fixed output	Lambertian (Opal)
911401826180	WT198C LED25S/840 PSU PCO L1200	2500lm	4000K	1215mm	Fixed output	Lambertian (Opal)
911401826380	WT198C LED37S/840 PSU PCO L1200	3700lm	4000K	1215mm	Fixed output	Lambertian (Opal)
911401826480	WT198C LED57S/840 PSU PCO L1500	5700lm	4000K	1515mm	Fixed output	Lambertian (Opal)
911401826580	WT198C LED75S/840 PSU PCO L1500	7500lm	4000K	1515mm	Fixed output	Lambertian (Opal)
911401562561	WT198C LED40S/840 IAI L1200	4000lm	4000K	1215mm	Wireless	WB
911401562661	WT198C LED60S/840 IAI L1500	6000lm	4000K	1515mm	Wireless	WB
911401562761	WT198C LED27S/840 PSD L1200	2700lm	4000K	1215mm	DALI	WB
911401562861	WT198C LED40S/840 PSD L1200	4000lm	4000K	1215mm	DALI	WB
911401562961	WT198C LED60S/840 PSD L1500	6000lm	4000K	1515mm	DALI	WB
911401563061	WT198C LED80S/840 PSD L1500	8000lm	4000K	1515mm	DALI	WB

- More options available on request