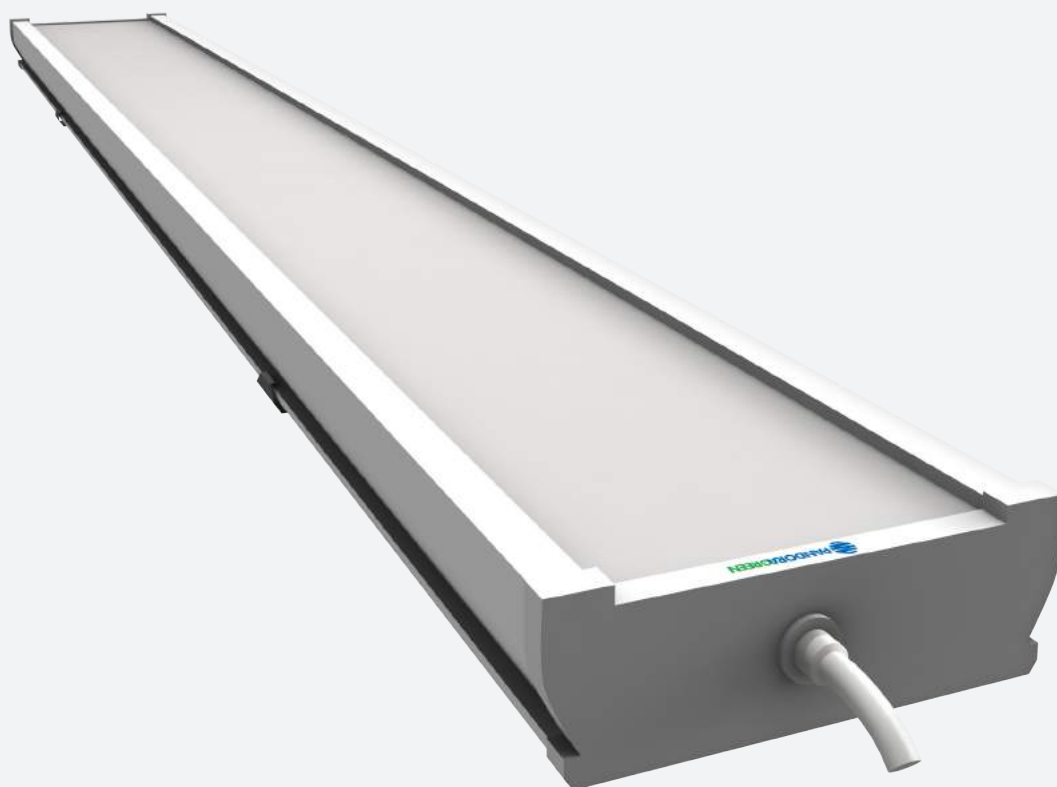




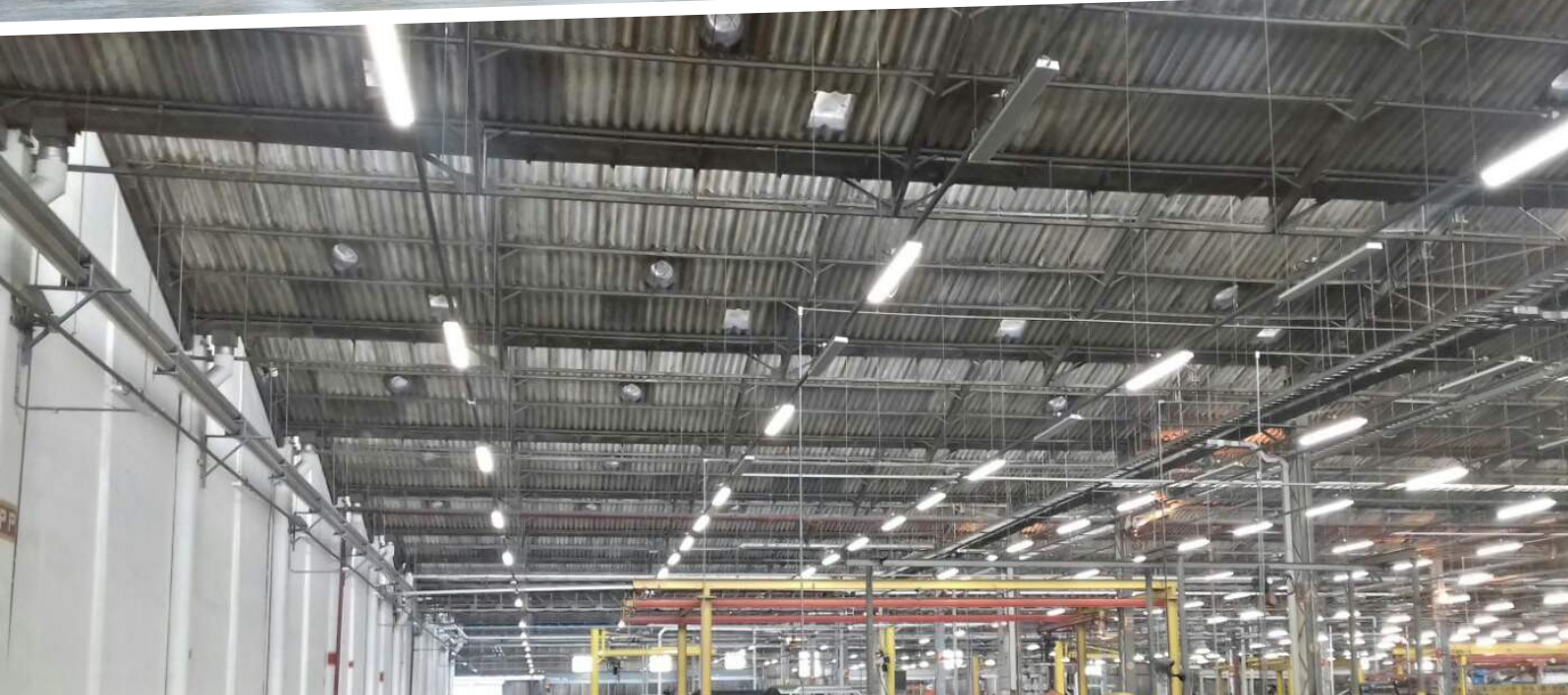
LED Waterproof Light

Description

Among the new applications for energy efficiency technology, there are certainly industrial, logistic and production areas and spaces. The most of extra energy consumption in these fields is due to old technologies lighting devices installations, which cause a consistent energy waste, produced by the need of constant maintenance and the electronic components aging. Pandora Green Triproof Series is a smart solution ideal for all the problems mentioned above.

Certifications

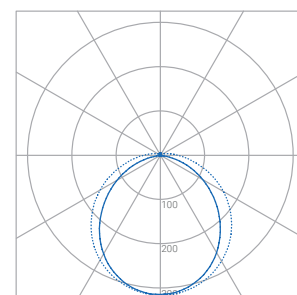
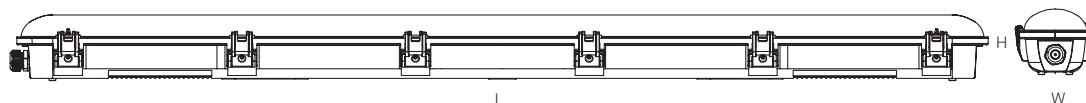




LED WEATHERPROOF LIGHT



Product Dimensions	Length (mm)	Width (mm)	Height (mm)
PG-WL20W600-140	650	100	82
PG-WL20W1220-140	1220	100	82
PG-WL36W1220-140	1220	100	82
PG-WL45W1220-140	1220	100	82
PG-WL36W1560-140	1560	100	82
PG-WL54W1560-140	1560	100	82
PG-WL62W1560-140	1560	100	82



600 mm

	PG-WL20W650-140
Input	220 ~ 240 VAC / 50-60 Hz
Nominal Power	20W
Total Power	19,0W ~ 21,0W
Equivalent Power	2x18W
Power Factor	> 0.90
LED Type	SMD LG
Insulation Class	Class II
Output Luminous Flux	2.800 lm ~ 2.900 lm
Output Luminous Efficacy	140 lm/W
CCT	4000K - 5000K - 6500K
CRI (Ra)	> 80
Beam Angle	120°
IP Protection	IP66
IK Protection	IK10
Operating Temperature	-20 °C ~ 35 °C
Storage Temperature	-25 °C ~ 40 °C
Emergency Function (M)	Optional
Dimming Options	0-10V / DALI
Useful Life	> 60.000 Hours (L80B10)
Materials	PC + Stainless Steel (Clips)
Installation	Sunspending / Ceiling

LED WEATHERPROOF LIGHT

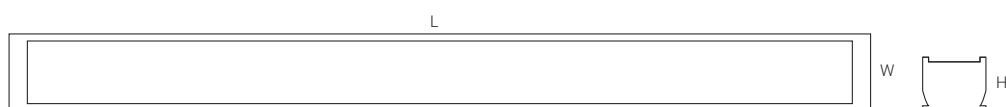
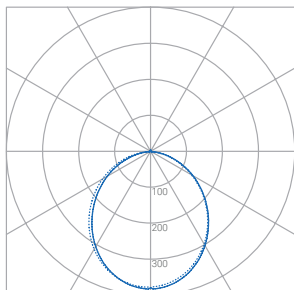
1200 mm

	PG-WL20W1220-140	PG-WL36W1220-140	PG-WL45W1220-140
Input	220 ~ 240 VAC / 50-60 Hz	220 ~ 240 VAC / 50-60 Hz	220 ~ 240 VAC / 50-60 Hz
Nominal Power	20W	36W	45W
Total Power	19,0W ~ 21,0W	34,0W ~ 38,0W	43,0W ~ 47,0W
Equivalent Power	1x36W	2x36W	2x36W / 2x54W
Power Factor	> 0.90	> 0.90	> 0.90
LED Type	SMD LG	SMD LG	SMD LG
Insulation Class	Class II	Class II	Class II
Output Luminous Flux	2.800 lm ~ 2.900 lm	5.000 lm ~ 5.100 lm	6.300 lm ~ 6.400 lm
Output Luminous Efficacy	140 lm/W	140 lm/W	140 lm/W
CCT	4000K - 5000K - 6500K	4000K - 5000K - 6500K	4000K - 5000K - 6500K
CRI (Ra)	> 80	> 80	> 80
Beam Angle	120°	120°	120°
IP Protection	IP66	IP66	IP66
IK Protection	IK10	IK10	IK10
Operating Temperature	-20 °C ~ 35 °C	-20 °C ~ 35 °C	-20 °C ~ 35 °C
Storage Temperature	-25 °C ~ 40 °C	-25 °C ~ 40 °C	-25 °C ~ 40 °C
Emergency Function (M)	Optional	Optional	Optional
Dimming Options	0-10V / DALI	0-10V / DALI	0-10V / DALI
Useful Life	> 60.000 Hours (L80B10)	> 60.000 Hours (L80B10)	> 60.000 Hours (L80B10)
Materials	PC + Stainless Steel (Clips)	PC + Stainless Steel (Clips)	PC + Stainless Steel (Clips)
Installation	Sunspending / Ceiling	Sunspending / Ceiling	Sunspending / Ceiling

1200 mm

	PG-WL36W1560-140	PG-WL54W1560-140	PG-WL65W1560-140
Input	220 ~ 240 VAC / 50-60 Hz	220 ~ 240 VAC / 50-60 Hz	220 ~ 240 VAC / 50-60 Hz
Nominal Power	36W	54W	65W
Total Power	34,0W ~ 38,0W	52,0W ~ 56,0W	63,0W ~ 67,0W
Equivalent Power	1x58W / 1x80W	2x58W	2x58W / 2x80W
Power Factor	> 0.90	> 0.90	> 0.90
LED Type	SMD LG	SMD LG	SMD LG
Insulation Class	Class II	Class II	Class II
Output Luminous Flux	5.000 lm ~ 5.100 lm	7.500 lm ~ 7.600 lm	9.100 lm ~ 9.200 lm
Output Luminous Efficacy	140 lm/W	140 lm/W	140 lm/W
CCT	4000K - 5000K - 6500K	4000K - 5000K - 6500K	4000K - 5000K - 6500K
CRI (Ra)	> 80	> 80	> 80
Beam Angle	120°	120°	120°
IP Protection	IP66	IP66	IP66
IK Protection	IK10	IK10	IK10
Operating Temperature	-20 °C ~ 35 °C	-20 °C ~ 35 °C	-20 °C ~ 35 °C
Storage Temperature	-25 °C ~ 40 °C	-25 °C ~ 40 °C	-25 °C ~ 40 °C
Emergency Function (M)	Optional	Optional	Optional
Dimming Options	0-10V / DALI	0-10V / DALI	0-10V / DALI
Useful Life	> 60.000 Hours (L80B10)	> 60.000 Hours (L80B10)	> 60.000 Hours (L80B10)
Materials	PC + Stainless Steel (Clips)	PC + Stainless Steel (Clips)	PC + Stainless Steel (Clips)
Installation	Sunspending / Ceiling	Sunspending / Ceiling	Sunspending / Ceiling

LED TRIPROOF



Product Dimensions	Length (mm)	Width (mm)	Height (mm)	Height (mm)
PG-STP10W	300	124	43	43
PG-STP20W	640	124	43	43
PG-STP30W	1200	124	43	43
PG-STP40W	1200	124	43	43
PG-STP50W	1500	124	43	43
PG-STP60W	1500	124	43	43

Whole Range

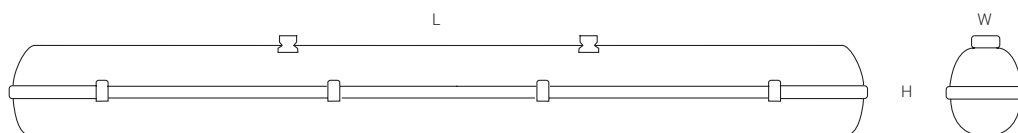
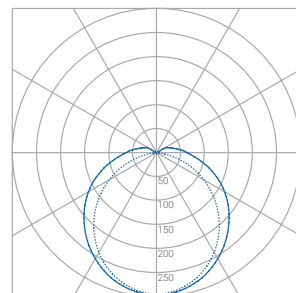
Model	Output Luminous Flux	Output Luminous Efficacy
PG-STP10W-100	1.000 lm ~ 1.100 lm	100 lm/W
PG-STP20W-100	2.000 lm ~ 2.100 lm	100 lm/W
PG-STP30W-100	3.000 lm ~ 3.100 lm	100 lm/W
PG-STP40W-100	4.000 lm ~ 4.100 lm	100 lm/W
PG-STP50W-100	5.000 lm ~ 5.100 lm	100 lm/W
PG-STP60W-100	6.000 lm ~ 6.100 lm	100 lm/W
PG-STP10W-130	1.300 lm ~ 1.400 lm	130 lm/W
PG-STP20W-130	2.600 lm ~ 2.700 lm	130 lm/W
PG-STP30W-130	3.900 lm ~ 4.000 lm	130 lm/W
PG-STP40W-130	5.200 lm ~ 5.300 lm	130 lm/W
PG-STP50W-130	6.500 lm ~ 6.600 lm	130 lm/W
PG-STP60W-130	7.800 lm ~ 7.900 lm	130 lm/W
PG-STP10W-140	1.400 lm ~ 1.500 lm	140 lm/W
PG-STP20W-140	2.800 lm ~ 2.900 lm	140 lm/W
PG-STP30W-140	4.200 lm ~ 4.300 lm	140 lm/W
PG-STP40W-140	5.600 lm ~ 5.700 lm	140 lm/W
PG-STP50W-140	7.000 lm ~ 7.100 lm	140 lm/W
PG-STP60W-140	8.400 lm ~ 8.500 lm	140 lm/W
PG-STP10W-150	1.500 lm ~ 1.600 lm	150 lm/W
PG-STP20W-150	3.000 lm ~ 3.100 lm	150 lm/W
PG-STP30W-150	4.500 lm ~ 4.600 lm	150 lm/W
PG-STP40W-150	6.000 lm ~ 6.100 lm	150 lm/W
PG-STP50W-150	7.500 lm ~ 7.600 lm	150 lm/W
PG-STP60W-150	9.000 lm ~ 9.100 lm	150 lm/W

	PG-STP10W-130	PG-STP20W-130	PG-STP30W-130
Input	85 ~ 265 VAC / 50-60 Hz	85 ~ 265 VAC / 50-60 Hz	85 ~ 265 VAC / 50-60 Hz
Nominal Power	10W	20W	30W
Total Power	9,0W ~ 11,0W	19,0W ~ 21,0W	29,0W ~ 31,0W
Equivalent Power	1x18W	2x18W	2x36W
Power Factor	> 0.90	> 0.90	> 0.90
LED Type	SMD 2835	SMD 2835	SMD 2835
Insulation Class	Class II	Class II	Class II
Output Luminous Flux	1.300 lm ~ 1.400 lm	2.600 lm ~ 2.700 lm	3.900 lm ~ 4.000 lm
Output Luminous Efficacy	130 lm/W	130 lm/W	130 lm/W
CCT	3000K - 4000K - 6000K	3000K - 4000K - 6000K	3000K - 4000K - 6000K
CRI (Ra)	> 80	> 80	> 80
Beam Angle	> 120°	> 120°	> 120°
UGR	< 25	< 25	< 25
IP Protection	IP65	IP65	IP65
Operating Temperature	-20 °C ~ 45 °C	-20 °C ~ 45 °C	-20 °C ~ 45 °C
Storage Temperature	-25 °C ~ 50 °C	-25 °C ~ 50 °C	-25 °C ~ 50 °C
Emergency Function (M)	Optional	Optional	Optional
Emergency Power / Flux	7W / 650 lm	7W	7W
Emergency Mode	3 Hours	3 Hours	3 Hours
Useful Life	> 50.000 Hours (L70)	> 50.000 Hours (L70)	> 50.000 Hours (L70)
Materials	PVC + PMMA	PVC + PMMA	PVC + PMMA
Installation	Sunspending / Ceiling	Sunspending / Ceiling	Sunspending / Ceiling

	PG-STP40W-130	PG-STP50W-130	PG-STP60W-130
Input	85 ~ 265 VAC / 50-60 Hz	85 ~ 265 VAC / 50-60 Hz	85 ~ 265 VAC / 50-60 Hz
Nominal Power	40W	50W	60W
Total Power	38,0W ~ 42,0W	48,0W ~ 52,0W	58,0W ~ 62,0W
Equivalent Power	2x36W	2x58W	2x58W
Power Factor	> 0.90	> 0.90	> 0.90
LED Type	SMD 2835	SMD 2835	SMD 2835
Insulation Class	Class II	Class II	Class II
Output Luminous Flux	5.200 lm ~ 5.300 lm	6.500 lm ~ 6.600 lm	7.800 lm ~ 7.900 lm
Output Luminous Efficacy	130 lm/W	130 lm/W	130 lm/W
CCT	3000K - 4000K - 6000K	3000K - 4000K - 6000K	3000K - 4000K - 6000K
CRI (Ra)	> 80	> 80	> 80
Beam Angle	> 120°	> 120°	> 120°
UGR	< 25	< 25	< 25
IP Protection	IP65	IP65	IP65
Operating Temperature	-20 °C ~ 45 °C	-20 °C ~ 45 °C	-20 °C ~ 45 °C
Storage Temperature	-25 °C ~ 50 °C	-25 °C ~ 50 °C	-25 °C ~ 50 °C
Emergency Function (M)	Optional	Optional	Optional
Emergency Power	7W	7W	7W
Emergency Mode	3 Hours	3 Hours	3 Hours
Useful Life	> 50.000 Hours (L70)	> 50.000 Hours (L70)	> 50.000 Hours (L70)
Materials	PVC + PMMA	PVC + PMMA	PVC + PMMA
Installation	Sunspending / Ceiling	Sunspending / Ceiling	Sunspending / Ceiling

MARS LED PREMIUM

1X

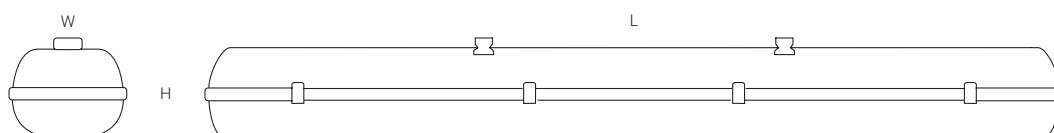
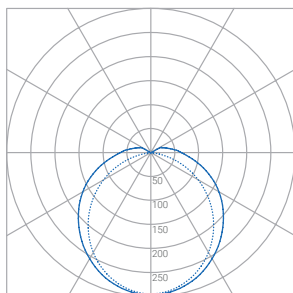


Product Dimensions	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)
PG-MARS60P-13W	662	95	111	1,6
PG-MARS120P-26W	1272	95	111	2,5
PG-MARS150P-32W	1572	95	111	3,2

	PG-MARS60P-13W	PG-MARS120P-26W	PG-MARS150P-32W
Input	230 VAC / 50-60 Hz	230 VAC / 50-60 Hz	230 VAC / 50-60 Hz
Input LED Current	300 mA	300 mA	300 mA
Nominal Power	13W	26W	26W
Total Power	12,0W ~ 14,0W	25,0W ~ 27,0W	25,0W ~ 27,0W
Equivalent Power	1x18W	1x36W	1x58W
Power Factor	> 0.90	> 0.90	> 0.90
LED Type	SMD SAMSUNG 3030	SMD SAMSUNG 3030	SMD SAMSUNG 3030
Insulation Class	Class I	Class I	Class I
Output Luminous Flux	1.900 lm ~ 2.000 lm	3.900 lm ~ 4.000 lm	4.900 lm ~ 5.000 lm
Output Luminous Efficacy	150 lm/W	> 150 lm/W	> 150 lm/W
CCT	3000K - 4000K	3000K - 4000K	3000K - 4000K
CRI (Ra)	> 80	> 80	> 80
Beam Angle	120°	120°	120°
UGR	< 25	< 25	< 25
IP Protection	IP66	IP66	IP66
IK Protection	IK10	IK10	IK10
Operating Temperature	-25 °C ~ 45 °C	-25 °C ~ 45 °C	-25 °C ~ 45 °C
Storage Temperature	-25 °C ~ 50 °C	-25 °C ~ 50 °C	-25 °C ~ 50 °C
Useful Life	> 60.000 Hours (L90B10)	> 60.000 Hours (L90B10)	> 60.000 Hours (L90B10)
Materials	PC + AL	PC + AL	PC + AL
Accessories	Stainless Clip / Protective Grid	Stainless Clip / Protective Grid	Stainless Clip / Protective Grid
Installation	Sunspending / Ceiling	Sunspending / Ceiling	Sunspending / Ceiling

MARS LED PREMIUM

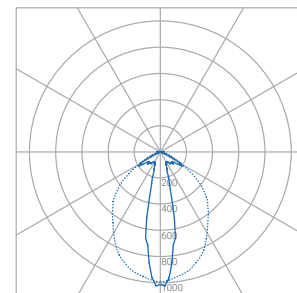
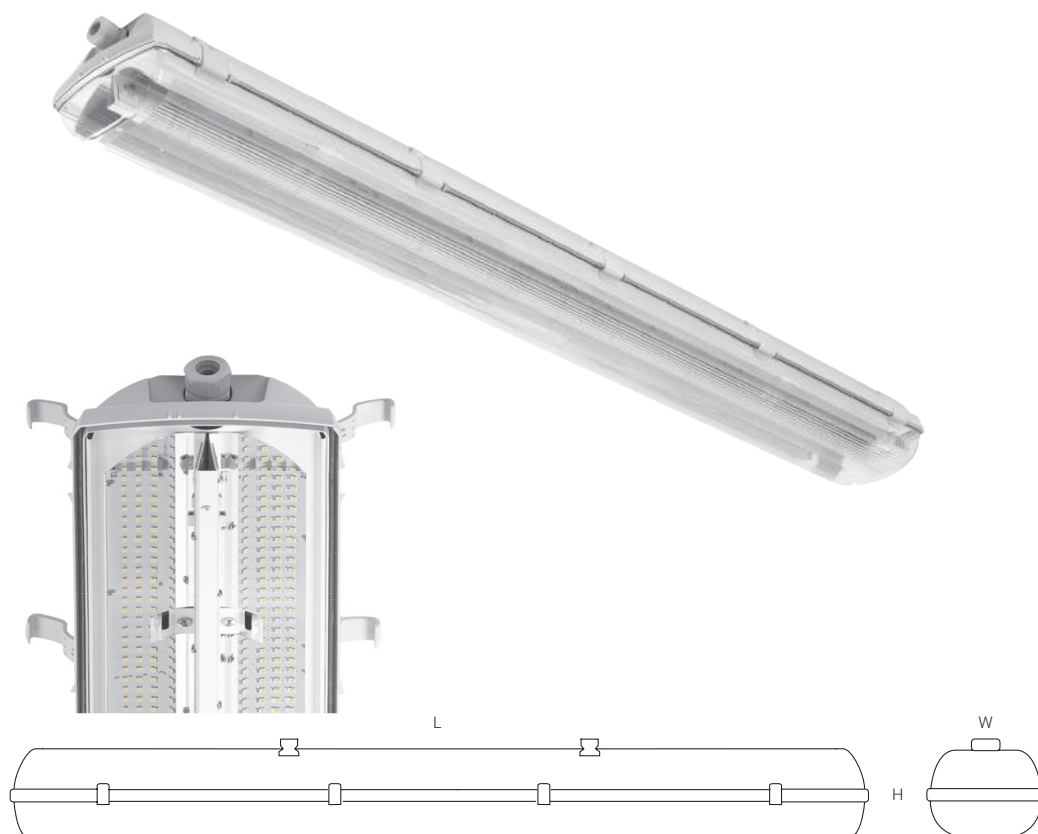
2X



Product Dimensions	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)
PG-MARS60P-26W	662	145	111	1,6
PG-MARS120P-49W	1272	145	111	2,6
PG-MARS150P-60W	1572	145	111	3,3

	PG-MARS60P-26W	PG-MARS120P-49W	PG-MARS150P-60W
Input	230 VAC / 50-60 Hz	230 VAC / 50-60 Hz	230 VAC / 50-60 Hz
Input LED Current	300 mA	300 mA	300 mA
Nominal Power	26W	49W	60W
Total Power	25,0W ~ 27,0W	47,0W ~ 51,0W	58,0W ~ 62,0W
Equivalent Power	2x18W	2x36W	2x58W
Power Factor	> 0.90	> 0.90	> 0.90
LED Type	SMD SAMSUNG 3030	SMD SAMSUNG 3030	SMD SAMSUNG 3030
Insulation Class	Class I	Class I	Class I
Output Luminous Flux	3.900 lm ~ 4.000 lm	7.800 lm ~ 8.000 lm	9.800 lm ~ 10.100 lm
Output Luminous Efficacy	> 150 lm/W	> 160 lm/W	> 160 lm/W
CCT	3000K - 4000K	3000K - 4000K	3000K - 4000K
CRI (Ra)	> 80	> 80	> 80
Beam Angle	120°	120°	120°
UGR	< 25	< 25	< 25
IP Protection	IP66	IP66	IP66
IK Protection	IK10	IK10	IK10
Operating Temperature	-25 °C ~ 45 °C	-25 °C ~ 45 °C	-25 °C ~ 45 °C
Storage Temperature	-25 °C ~ 50 °C	-25 °C ~ 50 °C	-25 °C ~ 50 °C
Useful Life	> 60.000 Hours (L90B10)	> 60.000 Hours (L90B10)	> 60.000 Hours (L90B10)
Materials	PC + AL	PC + AL	PC + AL
Accessories	Stainless Clip / Protective Grid	Stainless Clip / Protective Grid	Stainless Clip / Protective Grid
Installation	Sunspending / Ceiling	Sunspending / Ceiling	Sunspending / Ceiling

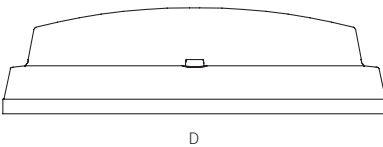
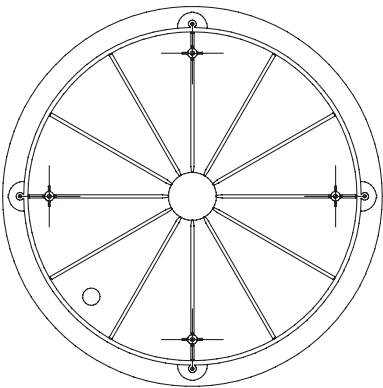
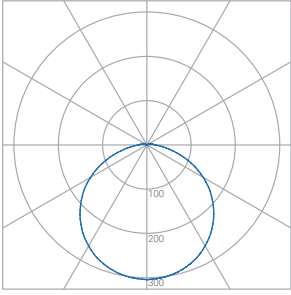
MARS LED NARROW BEAM



Product Dimensions	Length (mm)	Width (mm)	Height (mm)	Weight (Kg)
PG-MARS120NB-58W	1172	145	111	3,3
PG-MARS150NB-71W	1452	145	111	3,9

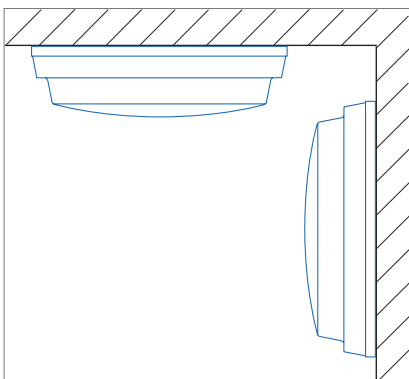
	PG-MARS120NB-58W	PG-MARS150NB-71W
Input	230 VAC / 50-60 Hz	230 VAC / 50-60 Hz
Input LED Current	350 mA	350 mA
Nominal Power	58W	71W
Total Power	56,0W ~ 60,0W	68,0W ~ 74,0W
Equivalent Power	2x58W	4x36W / 2x80W
Power Factor	> 0.90	> 0.90
LED Type	SMD SAMSUNG 2835	SMD SAMSUNG 2835
Insulation Class	Class I	Class I
Output Luminous Flux	7.400 lm ~ 7.500 lm	9.100 lm ~ 9.200 lm
Output Luminous Efficacy	> 125 lm/W	> 125 lm/W
CCT	3000K - 4000K	3000K - 4000K
CRI (Ra)	> 80	> 80
Beam Angle	60°x15°	60°x15°
UGR	< 25	< 25
IP Protection	IP66	IP66
IK Protection	IK10	IK10
Operating Temperature	-25 °C ~ 45 °C	-25 °C ~ 45 °C
Storage Temperature	-25 °C ~ 50 °C	-25 °C ~ 50 °C
Useful Life	> 60.000 Hours (L80B20)	> 60.000 Hours (L80B20)
Materials	PC + AL	PC + AL
Accessories	Protective Grid	Protective Grid
Installation	Sunspending / Ceiling	Sunspending / Ceiling

ROUND LED IP66



H

D



Product Dimensions	Diameter (mm)	Height (mm)	Weight (Kg)
PG-RLIP66-17W	400	110	1,8
PG-RLIP66-25W	400	110	2,0

	PG-RLIP66-17W	PG-RLIP66-25W
Input	230 VAC / 50-60 Hz	230 VAC / 50-60 Hz
Input LED Current	350 mA	350 mA
Nominal Power	17W	25W
Total Power	16,0W ~ 18,0W	24,0W ~ 26,0W
Equivalent Power	2x18W	2x26W
Power Factor	> 0.90	> 0.90
LED Type	SMS Samsung 5630	SMS Samsung 5630
Insulation Class	Class I	Class I
Output Luminous Flux	2.100 lm ~ 2.200 lm	3.100 lm ~ 3.200 lm
Output Luminous Efficacy	> 125 lm/W	> 125 lm/W
CCT	3000K - 4000K	3000K - 4000K
CRI (Ra)	> 80	> 80
Beam Angle	120°	120°
UGR	< 25	< 25
IP Protection	IP66	IP66
IK Protection	IK10	IK10
Operating Temperature	-25 °C ~ 45 °C	-25 °C ~ 45 °C
Storage Temperature	-25 °C ~ 50 °C	-25 °C ~ 50 °C
Useful Life	> 60.000 Hours (L90B10)	> 60.000 Hours (L90B10)
Materials	PC + AL	PC + AL
Installation	Ceiling	Ceiling