

Prolumia LED Fluorescent luminaires

Prolumia LED Pro Area
Prolumia LED Pro Aqua



Prolumia LED Pro-Area Series (IP65)

Waterproof IP65 LED luminaire, High energy efficient alternative for waterproof fluorescent luminaires. Extruded anodized aluminium housing with polycarbonate diffuser, attached by stainless steel clips. Available with integrated microwave sensor, featuring adjustable detection range, time span and daylight level (light only switches on, if illuminance level is lower than set value). With integrated motion sensor or an additional link, it can be switched between 0% - 100% or 20% and 100% light output. Fixtures with and without sensor can be combined as master/slave (max. 15 fixtures). Additionally, the Pro Area is also available with an emergency unit.

Applications are: Car parks, technical service rooms, warehouses, elevator shafts, engine rooms etc.

Specifications LED Pro-Area:

Available in 220/240V 50/60Hz AC.
Operating temperature: -20°C up to +50°C.
Rated life hours: Approx. 40.000
CRI: ≥80
Cos-phi Power factor: ≥0.9
Microwave sensor:
Detection angle: 30° - 150°
Detection distance adjustable 1-2-5-7-9 meter
Time set adjustable 10-30-90 seconds / 6-20-30 minutes
Light control adjustable <5-10-30-50 LUX
Maximum mounting height 12 meter
Battery emergency function NI-CD AA800mAh 7,2V - 1 uur
Master slave maximum 15 fixtures.
Mounting brackets adjustable (slide system).
Stainless steel diffuser clips.
Semi-transparent diffuser.

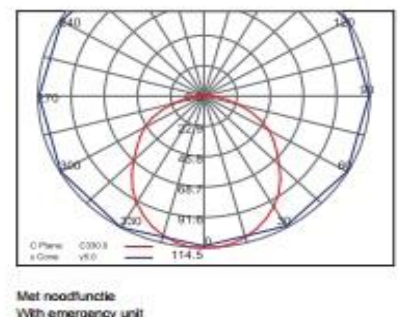
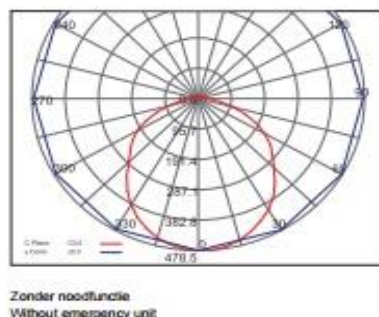
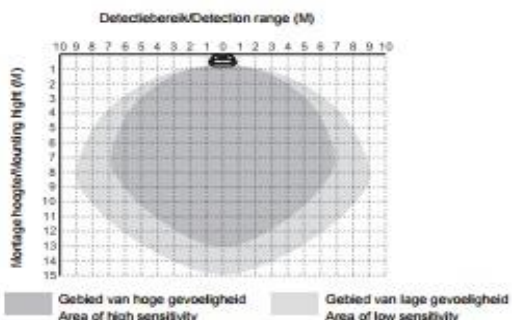


Number	Version	Color Temperature	Wattage
83PR4000960**	0 = Without MW sensor/em. unit 1 = With MW sensor 2 = With em. unit 3 = With em. Unit and MW sensor	6 = Pure white 4000 K 1 = Cold white 6000 K	18W This is incl. Ballast 32 pieces SMD 5630 LED

Light output:

1150LM / 300LM in emergency function

Dimensions: 690x141x73mm LxWxH



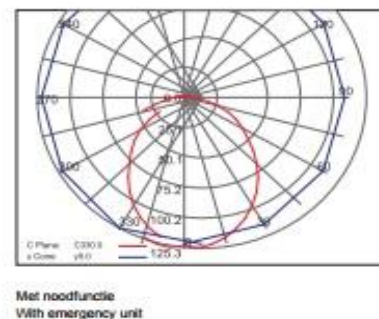
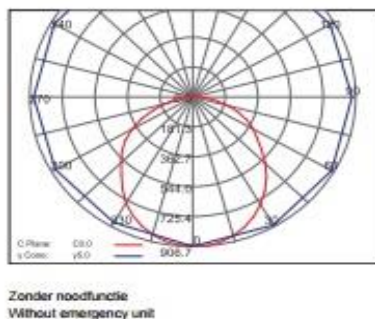
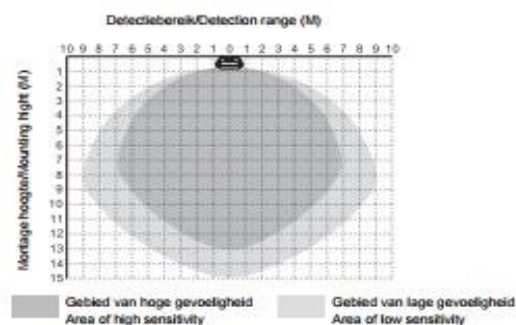
Number	Version	Color Temperature	Wattage
83PR4000964**	4 = Without MW sensor/em. unit 5 = With MW sensor 6 = With em. Unit 7 = With em. Unit and MW sensor	6 = Pure white 4000 K 1 = Cold white 6000 K	33W This is incl. Ballast 64 pieces SMD 5630 LED

High Output

Light output:

2300LM / 300LM in emergency function

Dimensions: 690x141x73mm LxWxH

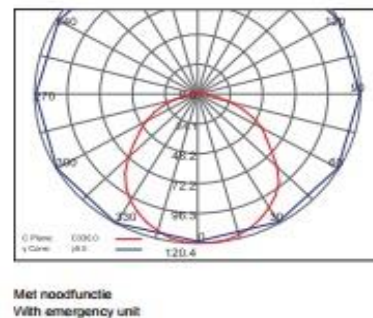
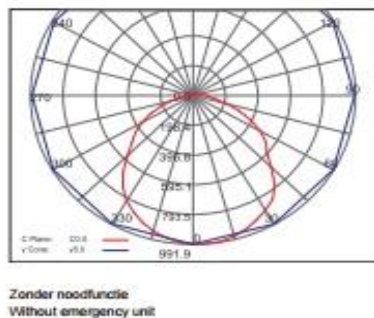
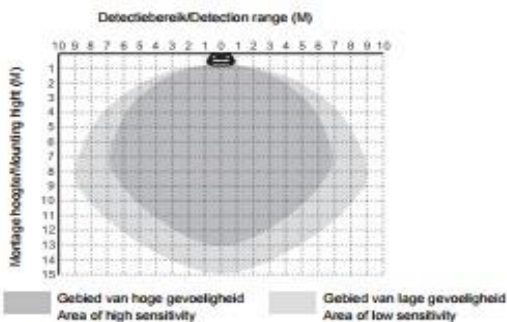


Number	Version	Color Temperature	Wattage
83PR4000970**	0 = Without MW sensor/em. unit 1 = With MW sensor 2 = With em. unit 3 = With em. Unit and MW sensor	6 = Pure white 4000 K 1 = Cold white 6000 K	33W This is incl. Ballast 64 pieces SMD 5630 LED

Light output:

2300LM / 300LM in emergency function

Dimensions: 1253x141x73mm LxWxH



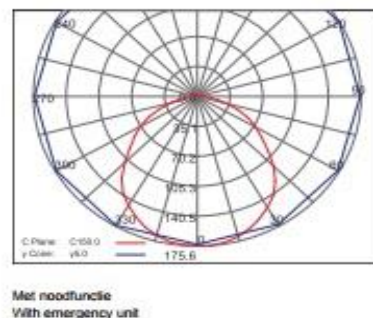
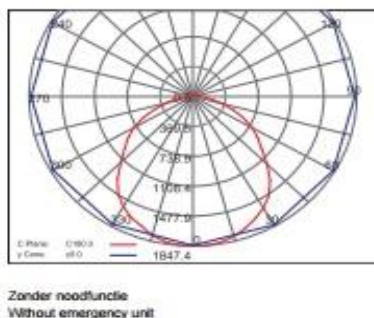
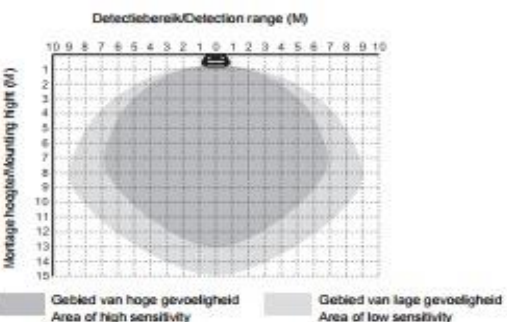
Number	Version	Color Temperature	Wattage
83PR4000974	4 = Without MW sensor/em. unit 5 = With MW sensor 6 = With em. unit 7 = With em. Unit and MW sensor	6 = Pure white 4000 K 1 = Cold white 6000 K	64 W This is incl. Ballast 128 pieces SMD 5630 LED

High Output

Light output:

4600LM / 300LM in emergency function

Dimensions: 1253x141x73mm LxWxH

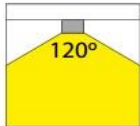


Prolumia LED Pro-Aqua Serie (IP65)

Waterproof IP65 LED luminaires, which offer a 1 on 1 alternative to waterproof fluorescent luminaires. Grey housing made of UV stabilized polycarbonate, the semi-transparent polycarbonate shield is attached with stainless steel clips. The SMD-LED's are mounted on an anodized mounting plate, which also acts as a heat sink and offers an improved cooling. Therefore the rated life hours are >50.000 hours with lumen maintenance of >70%. (Pendant) mounting is possible with stainless steel mounting brackets. The luminaires are suitable for through wiring. Required cable glands and fasteners are included. Applications are: cold storage areas, indoor car parks, warehouses and industrial environments, etc.

Specifications LED Pro-Aqua:

Available in 220/240V 50/60Hz AC.
Operating temperature: -20°C up to +40°C.
Rated life hours: Approx. >50.000
CRI: ≥80
Cos-phi Power factor: ≥0.9
Color temperature 4000K pure white.
Type LED's SMD 5630



Number	Wattage	Color temperature	Dimensions L x W x H	Light output lumen
83PR40300101	14	4000 K	664x90x90 mm	1000
83PR40300111	26	4000 K	1274x90x90 mm	2000
83PR40300121	32	4000 K	1574x90x90 mm	2500
83PR40300131	26	4000 K	664x140x90 mm	2000
83PR40300141	56	4000 K	1274x140x90 mm	4000
83PR40300151	61	4000 K	1574x140x90 mm	5000

Accessories

Number	Description
83PR40310001	Post adapter 15 degrees aluminium, diameter adapter ø60 mm.
83PR40300111	Wall support 15 degrees. Galvanized steel, adapter ø60 mm.
83PR40300121	Wall support for corner/flat wall. Galvanized steel. Arm 300mm adapter ø60 mm.



LED
56W 120°

