

# Aquaforce Pro

92901967 AQFPRO S LED2900-840 PC WB HF

THORN

|                           |    |  |  |       |   |         |       |  |    |  |  |  |  |        |                           |  |
|---------------------------|----|--|--|-------|---|---------|-------|--|----|--|--|--|--|--------|---------------------------|--|
| LED 20W Z_A2900-840PCWBHF | CB |  |  | IP 66 | D | halogen | IK 08 |  | CE |  |  |  |  | 850 °C | T <sub>a</sub> -20<br>+45 |  |
|---------------------------|----|--|--|-------|---|---------|-------|--|----|--|--|--|--|--------|---------------------------|--|

## Aquaforce Pro

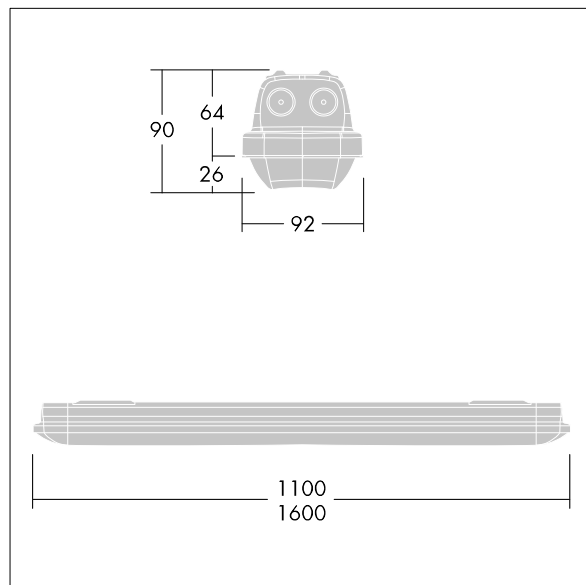
An IP66, dust and moisture resistant LED luminaire. Electronic, fixed output control gear. With wide beam distribution. Class I electrical. Canopy: light grey polycarbonate. Diffuser: high transmission opal polycarbonate with refraction prisms. Patented snap-on mechanism EasyClick for clipless mounting of diffuser. For surface or suspended mounting. Quick-fix brackets supplied for surface mounting. Suitable for ceiling or wall (both vertically and horizontally). Approved for indoor use or in canopied outdoor areas (see installation instructions). Mounting kits for conduit, chain suspension and catenary suspension are available as accessories. Suitable for through wiring with H05VV or NYM cable (rated 10A). ambient temperature: -20°C to +45°C. Complete with 4000K LED..

Note: please contact your consultant if you are planning to use the luminaire in environments with chemical pollutants, high or condensing humidity and major variations in temperature.

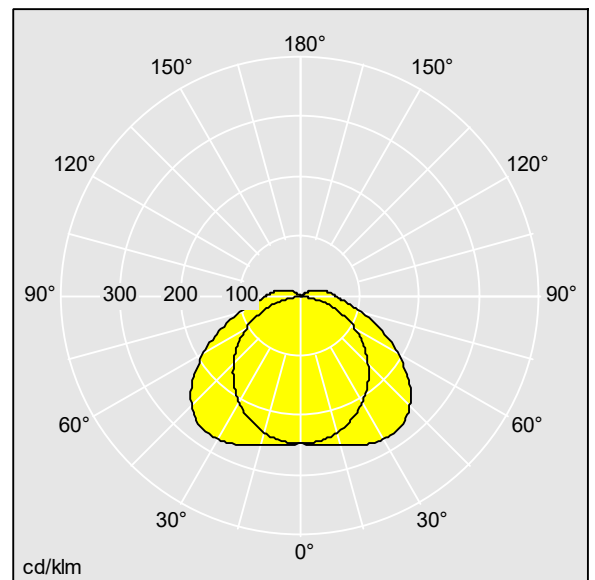
Dimensions: 1100 x 92 x 90 mm  
Luminaire input power: 19.7 W  
Luminaire luminous flux: 2880 lm  
Luminaire efficacy: 146 lm/W  
Weight: 1.7 kg



TLG\_AQUP\_F\_PDB\_1100MED.jpg



TLG\_AQUP\_M\_LD1.wmf



D45927\_AQFPRO\_S\_2900-840\_PC\_WB\_HF.Idt

Lamp position: STD - standard  
Light Source: LED  
Luminaire luminous flux\*: 2880 lm  
Luminaire efficacy\*: 146 lm/W  
Colour Rendering Index min.: 80  
Ballast: 1 x 28000680 LC 50W 100-400mA flexC Ip  
EXC  
Correlated colour temperature\*: 4000 Kelvin

Chromaticity tolerance (initial MacAdam): 3  
Rated median useful life\*:  
L80 100000 h at 25 °C  
Luminaire input power\*: 19.7 W Power factor = 0.88  
Dimming: HF  
Maintenance category CIE 97: E - Dust-proof IP5X  
Total harmonic distortion (THD): 16.30 %  
LOR: 1,00 ULOR: 0,07 DLOR: 0,93

All values marked with an \* are rated values. Thorn uses tried and tested components from leading suppliers, however there may be isolated instances of technology-related failures of individual LEDs during the rated product lifetime. International standards set the tolerance in initial flux and connected load at  $\pm 10\%$ . Unless stated otherwise, the values apply to an ambient temperature of 25°C. Risk group

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