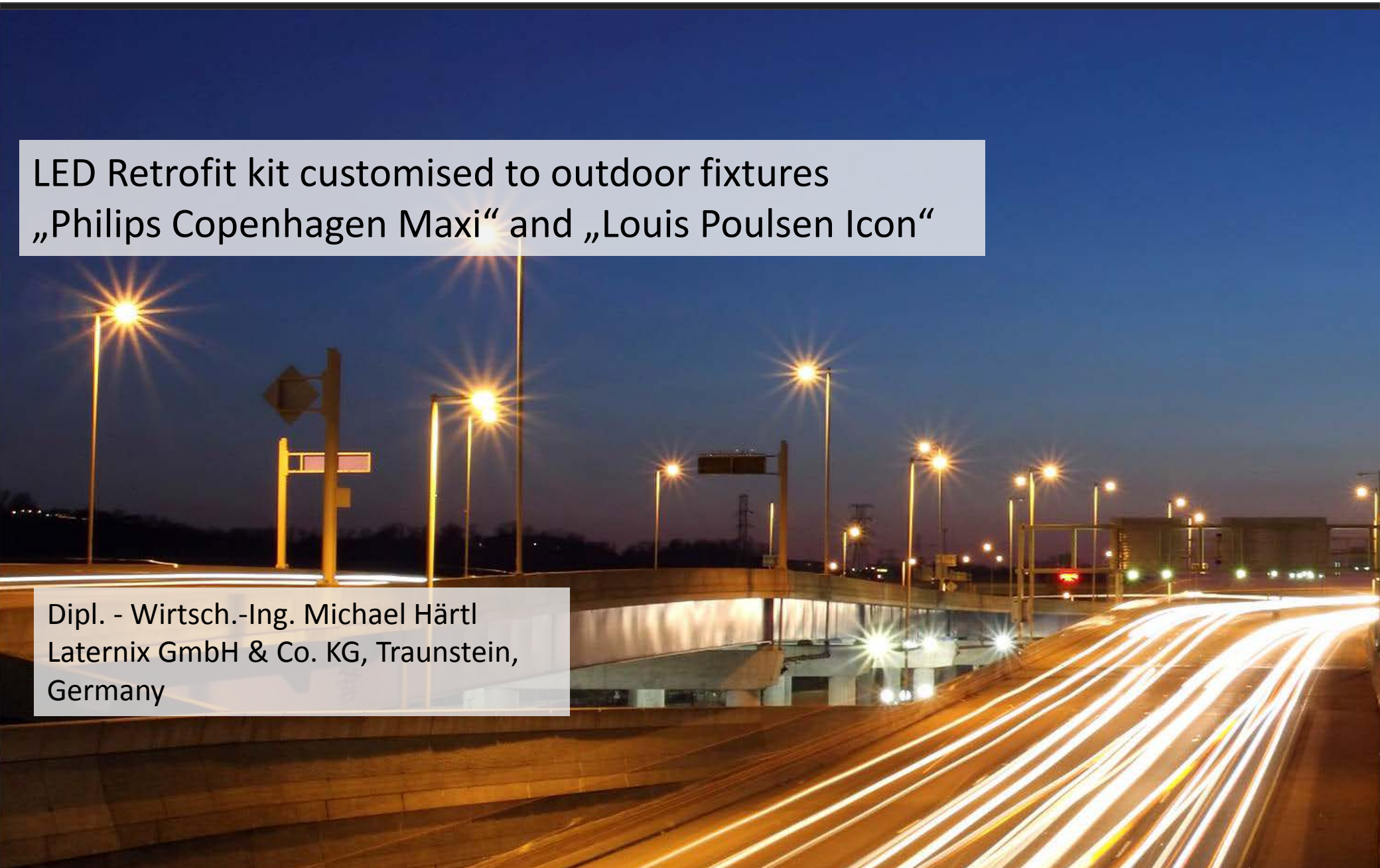

LED Retrofit kit customised to outdoor fixtures „Philips Copenhagen Maxi“ and „Louis Poulsen Icon“

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Basic Requirements

- Light distribution to meet road lighting regulations
- Light distribution/flux package to achieve at least same lighting result as by fixtures lamped with a) 50W SON b) 70W c) 100W SON d) 150W SON
- Luminous efficacy minimum 100lm/W
- Light Colour neutral white 4.000K, min. RA 75
- Retrofit kit to achieve IP65 of converted fixture
- Protection class II
- Electronic autodim control to 50% from 22.00 PM to 06.00 AM
- Constant Light Output regulation
- Safe and easy installation procedure

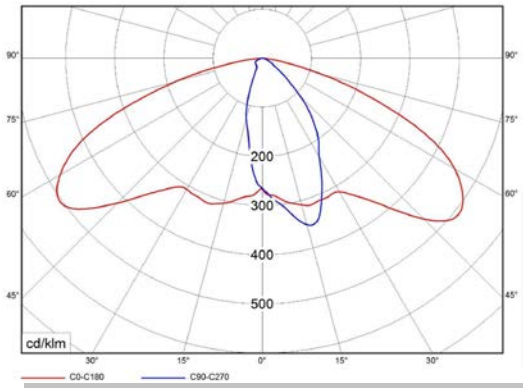
Benefits of Laternix Solution

Employment of Laternix „LEDiKIT Streetlight RAC“ platform with customised adaption to existing fixtures

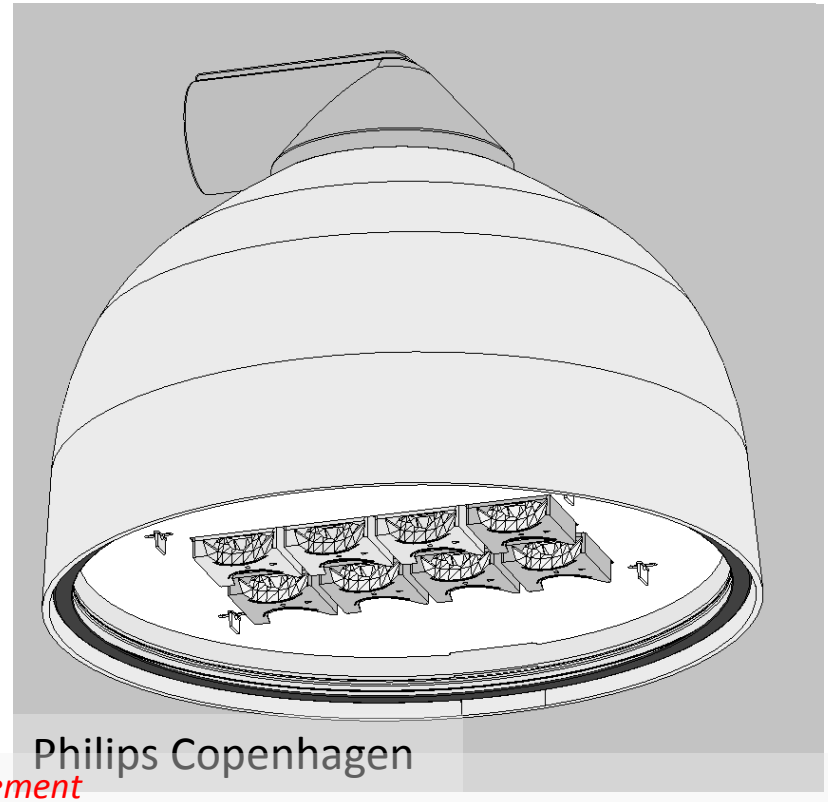
- Retrofit kit utilizes same fixing points and electrical connection as existing gear trays / light modules in existing fixtures allowing for a quick and easy “1 by 1” replacement
- Use of same retrofit module for both, Copenhagen Maxi and ICON allowing for ease of logistics and spare part management
- Solution for Copenhagen Mini follows same construction principle
- Same module for all replacement cases (a, b, c, d), scalable flux/power to be selected by firmware setting (might be set by customer prior to installation as an option)
- Effective light control by highly sophisticated reflector array featuring less glare compared to common TIR lens optics.
- Alternatively Ledikit is available as Ledikit “LAC” with a large variety of TIR lens arrays to optimum match many differerent illumination tasks
- Employment of high quality emitters (NICHIA) and LED drivers, featuring required control functionality and long life span
- Optional surge trap device for additional over voltage protection
- Optional indirect light component for slight illumination of ICON’s housing interior
- Optional white sheet bezel to cover view inside

Technical Solution

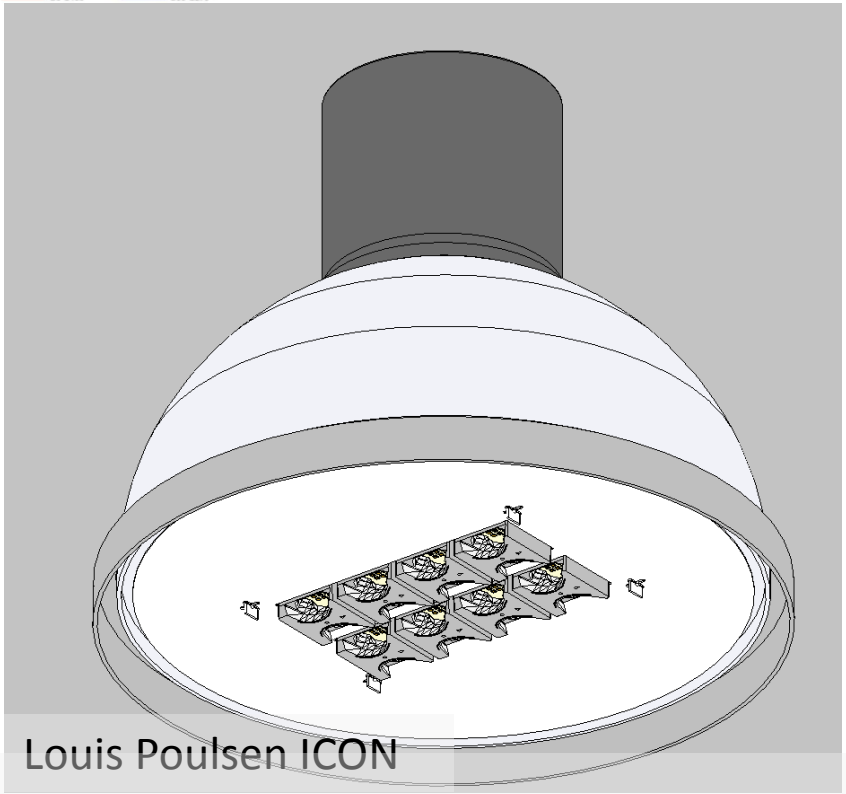
LEDiKIT Streetlight RA platform
with 2 x 4 reflector configuration



Light distribution meets road lighting requirements



Philips Copenhagen



Louis Poulsen ICON

Ledikit RAC 4x2

Technical data

Suitable for conversion of luminaires equipped with HID and TC lamps:

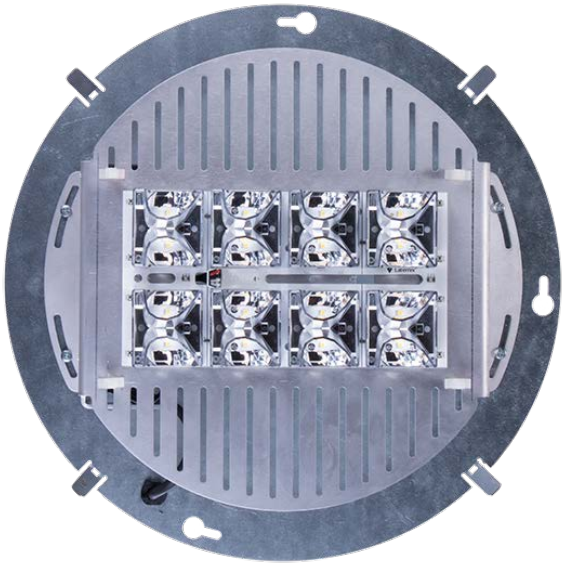
HSE/HIE: 50W / 70W / 100W	->	Type: 2x2 / 3x2 / 4x2
TC-TEL42W	->	Type: 2x2

Rated voltage	220-240V AC 50Hz
Rated current	0,2A / 0,3A / 0,4A
Rated power	22..25W / 36..40W / 52..57W
Power factor	>0,9
Protection class	II
Rated voltage LED module	<120V, SELV
Light distribution	asymmetric wide beam
Luminuos flux (NW) [klm]	2,6/ 4,4 / 6,4
Light colour / CCT	NW 4.000K
Colour rendering (CRI)	>80
Dimensions	Ø=340mm / H=160mm
Weight	1,6kg
Ambient temperature	-35...+35°C
IP rating	IP20
Conformity	CE
Rated life [h]	>60.000

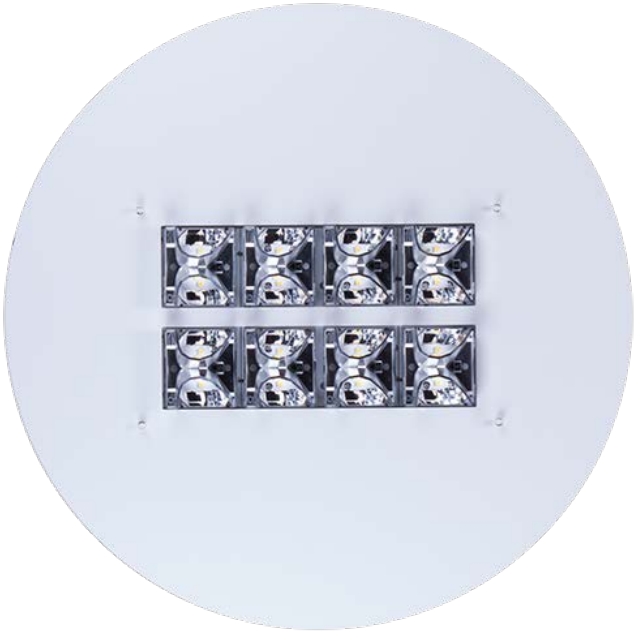
Special features **PROFESSIONAL**

TempSafe (TS) Over-temperature protection
Constant Flux (CF) Constant light output over rated life
AutomaticDimControl (ADC)
By firmware setting (programming adapter and PC Software required)

Front View



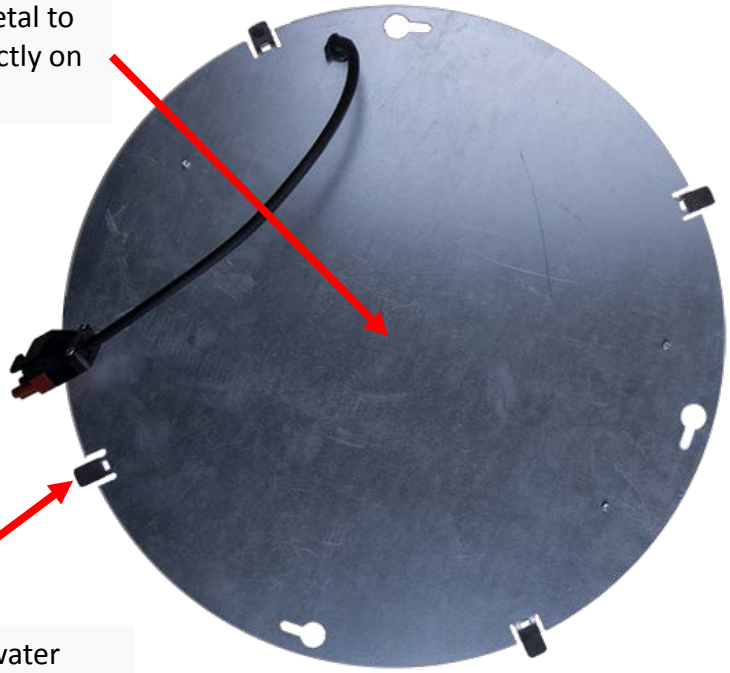
Open



With decorative cover

Side View

Back View



“Roof” made from sheet metal to prevent water dropping directly on electronics

Drain guides to direct water towards inner housing wall