



Project · Reference number

Date

**Product description**

Luminaire made of aluminium profiles,  
aluminium alloy and stainless steel  
Clear safety glass · Silicone gasket  
Reflector made of anodised pure aluminium  
Optional luminaire with anchorage unit or  
mounting base – 70 829 – made of  
hot-dip galvanised steel according  
to EN ISO 1461  
Anchorage unit with  
2 cable entries 50 × 150 mm  
Fastening element with 4 holes ø 18 mm  
240 × 240 mm spacing  
With inserted door made of die cast aluminium  
Door latch – square spanner –  
wrench size 8 mm.  
Connection box 70 632  
for through-wiring – for 2 cables up to 5 × 4<sup>2</sup>  
with fuse Neozed D 01 · 6 A  
LED power supply unit  
220-240 V ~ 0/50-60 Hz  
DC 170-280 V  
Dimmable 1-10 V

**SELV (safety extra-low voltage)**

A basic isolation exists between power cable  
and control line  
Luminaire: Protection class IP 65  
Dust-tight and protection against water jets  
Safety class I  
Impact strength IK07  
Protection against mechanical  
impacts < 2 joule  
 – Safety mark  
 – Conformity mark  
 Wind catching area: 1.14 m<sup>2</sup>  
 Weight: 58.0 kg

**Application**

Light building element with square profile and  
rotationally symmetrical light distribution.  
High light output with low connected load.  
Light building elements are luminaires which  
can divide and structure areas in exterior  
application.  
They have a orientating, directing and  
demarcating function.

**Lamp**

Module connected wattage	36.2 W
Luminaire connected wattage	41.5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 35\text{ °C}$

**77 844**

Module designation	LED-0565/840
Colour temperature	4000 K
Colour rendering index	$R_a > 80$
Module luminous flux	5165 lm
Luminaire luminous flux	2162 lm
Luminaire luminous efficiency	52,1 lm/W

**77 844 K3**

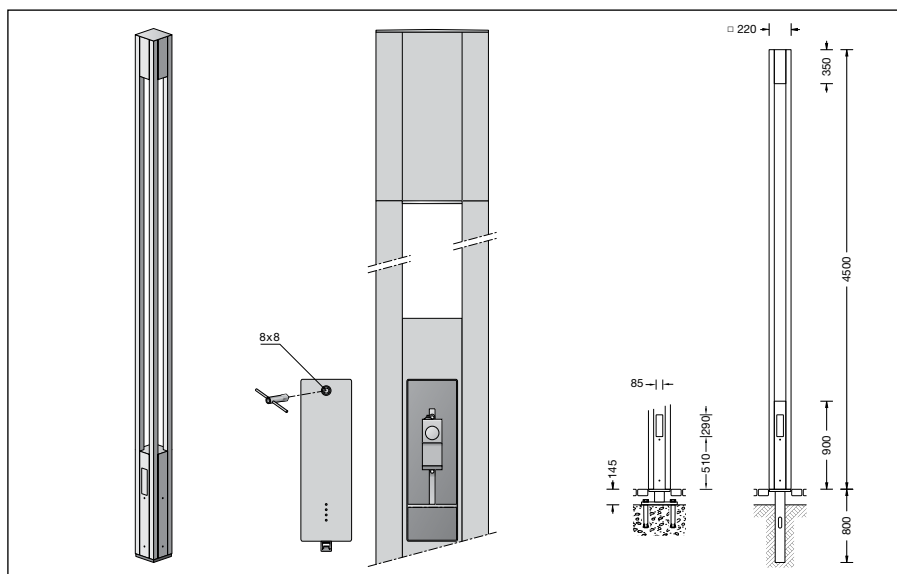
Module designation	LED-0565/830
Colour temperature	3000 K
Colour rendering index	$R_a > 80$
Module luminous flux	4935 lm
Luminaire luminous flux	2065 lm
Luminaire luminous efficiency	49,8 lm/W

**Lifetime of the LED**

Ambient temperature  $t_a = 15\text{ °C}$   
 – at 50,000 h: L80 B10  
 – at 230,000 h: L70 B50

Ambient temperature  $t_a = 25\text{ °C}$   
 – at 50,000 h: L80 B10  
 – at 185,000 h: L70 B50

max. ambient temperature  $t_a = 35\text{ °C}$   
 – at 50,000 h: L80 B10  
 – at 145,000 h: L70 B50

**Light distribution**