

Data sheet

YARD



Lighting technology

Colour temperature	3000K
Luminous flux	2800 lm at 3000K
CRI (colour rendering index)	Ra >70
L90B10	90000H/10%dimming
LED current	
Optics	LED special optics for symmetrical street lighting SS01, optional asymmetrical optics possible Power factor at 230V 0.98
Temperature monitoring LED	Yes
System efficiency	112 lm/W at 3000K

Electrical data

Operating voltage	198 – 264 VAC
System power	25W nominal

Protection class	SK II
Surge protection	10 KV
Short circuit protection	Yes
Manufacturer driver	Philips, type Xitanium LED Xtreme drivers
Maximum inrush current and duration	21A @ 300 µs

Control electronics

Control system	Constant luminous flux control, optional constant light output (CLO)
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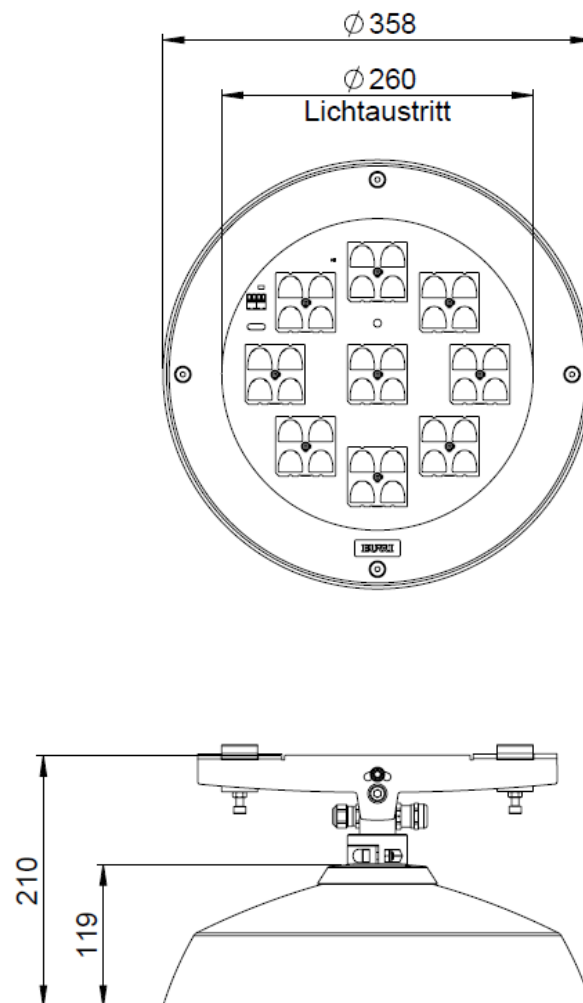
Mechanics

Protection class	IP 67
Mounting type	Adapter for cable mounting
Pressure compensation	Ventilation diaphragm

Material

Housing and adapter	Housing and adapter in cast aluminium
Cover glass	4 mm safety glass, ESG 4 mm, IK10
Fasteners / axles	Stainless steel

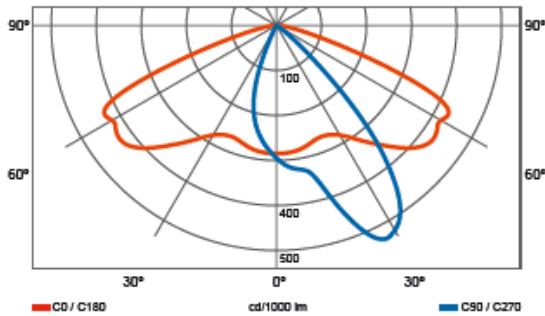
Seal	Permanently closed sealing profile made of silicone
Material lens	PMMA
Options:	
Glare protection	Optional special shade for precise light limitation and glare control
Temperature range	-30°C to 55°C
Storage temperature	-30°C to +55°C
Maintenance	
Service life	> 100,000 h
Maintenance / update	Control gear and lamp holder can be replaced on a modular basis. Practical access through fully hinged frame.
Ecology	
Light pollution	Light directed downwards only, according to dark sky criteria
Standards	CE
Warranty	5 years



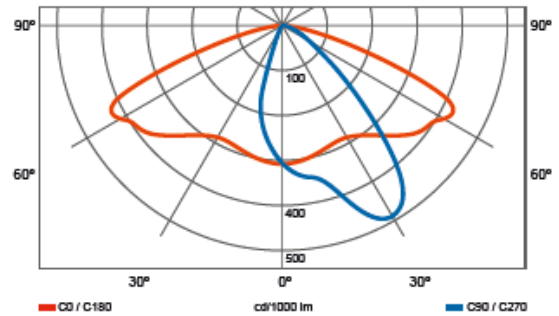
Lichtverteilkurven Strassenbeleuchtung

Asymmetrisch

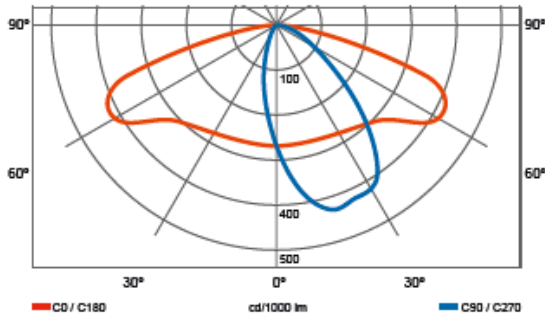
Typ SA01



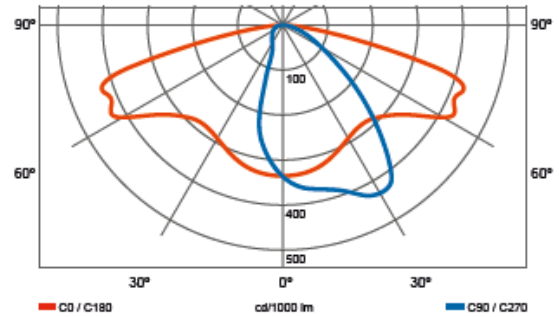
Typ SA02



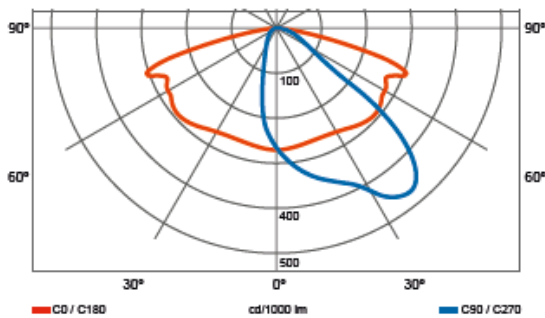
Typ SA03



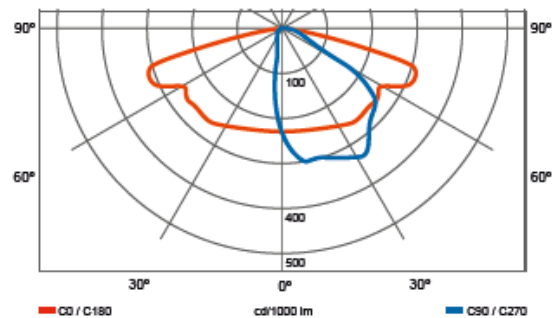
Typ SA04



Typ SA05



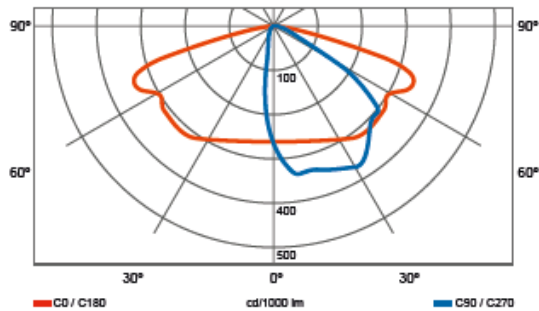
Typ SA06



Lichtverteilungskurven Strassenbeleuchtung

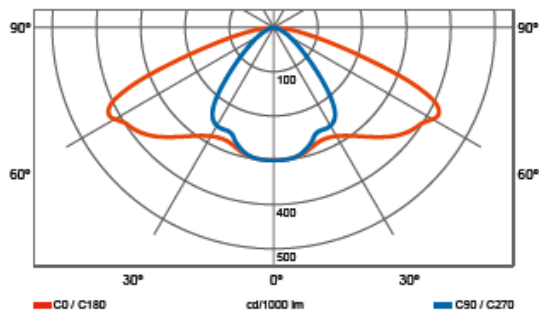
Asymmetrisch

Typ SA07

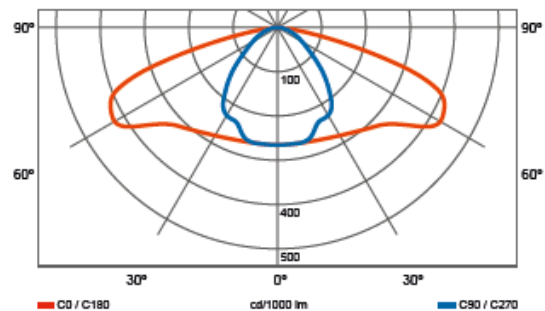


Symmetrisch

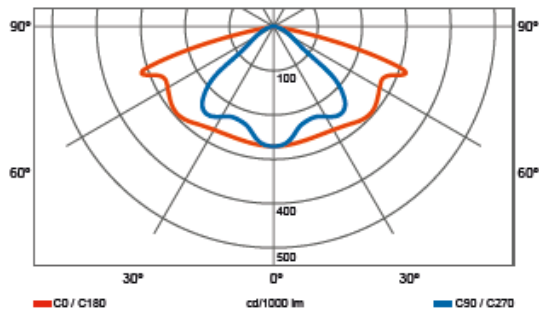
Typ SS01



Typ SS02



Typ SS03



Typ SS04

