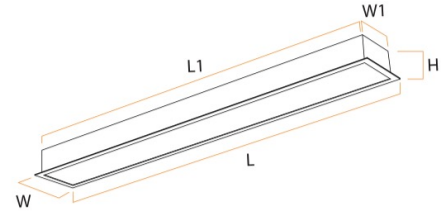


Dimensions

Product dimensions (mm)	W85 x L1170/1450/2000/2560
Height (mm)	H86
Ceiling cutting dimensions (mm)	W175 x L1160/1440/1990/2550

Schematic

Product drawings



LUKA TW LED SMD RECESSED

DESCRIPTION

LUKA TW product series have aluminium injection body and rectangular body shape which allows wide application opportunities in lighting projects.

LUKA TW can also provide very homogeneous lighting with continuous lines and thanks to its well designed passive cooling system which ensures long LED and driver lifetime.

LUKA TW is able to be controlled via DALI protocol and wirelessly control as optional. It is also possible to integrate emergency conversion modules as 1 hour or 3 hours backup time depends on project application field.

LUKA TW can be used in projects such as offices, hotels, retail stores, educational facilities, hospitals... etc.

Item code	PRF46
Application type	Indoor applications
Category	Architectural
Product family	LUKA
Subcategory	LUKA TW
Material	Luminaire body made of aluminium injection body with electrostatic powder paint.
Optical system	Opal PMMA diffuser with low glare effect.
Mounting options	Plasterboard, metal and other suspended ceilings.

Accessories

Optional

3HEM	3 hours emergency conversion module
BCC	Compatible for iBeacon version
RMT	Wireless control module(BLE)
IND	Indirect Lighting
DT8	Tunable White Lighting

Product	PRF46
Real power (W)	27/49/58/64/70
Real lumen output (Lm)	2125/3910/4590/5100/5525
Light output ratio LOR (%)	63%
Efficacy (Lm/W)	78
Beam angle (°)	116°
Lifespan (h)	50000
IP rate	IP20/IP40
IK rate	IK04
Isolation class	Class 1
Photobiological risk group	RG0 (no risk)
Diffuser/Optical constituent	Opal PMMA diffuser
Ambient operating temperature	0°C, +35°C
Electrical feeding	220..240VAC, 50/60Hz
Body colour options (RAL)	<input type="checkbox"/> 9005 <input type="checkbox"/> 9006 <input type="checkbox"/> 7016 <input type="checkbox"/> 9016 + any RAL
Energy efficiency class	A+

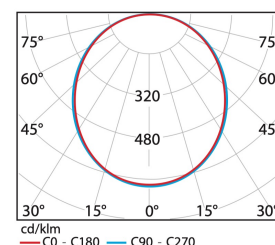
Driver/Power Supply

Driver included	Yes
Driver type	Electronic driver
Flicker free	Yes

Light source included	Yes
Light source type	LED
LED type	SMD
Nominal power (W)	25/46/54/60/65
Total lumen (Lm)	4615/6923/8461
CCT (K)	2700/3000/4000/5500/6500/TW
MacAdam (SDCM)	3
Colour rendering index (CRI, Ra)	>80

Photometry

Light distribution



PRODUCT SELECTION

ORDER CODE	POWER (W)	LUMEN (lm)	CCT (K)	CRI (Ra)	BODY FORM	BODY COLOUR	IP	MOUNTING	CONTROL TYPE	WXL (mm)	CUTOUT (mm)	H (mm)
PRF46.02.1.1.30R11SW	25W	2125	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	85X1170	75X1160	86
PRF46.02.1.1.30R11DA	25W	2125	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	85X1170	75X1160	86
PRF46.02.1.1.30R12DA	25W	2125	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	85X1170	75X1160	86
PRF46.02.1.1.40R11SW	25W	2125	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	85X1170	75X1160	86
PRF46.02.1.1.40R12SW	25W	2125	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	85X1170	75X1160	86
PRF46.02.1.1.40R11DA	25W	2125	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	85X1170	75X1160	86
PRF46.02.1.1.40R12DA	25W	2125	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	85X1170	75X1160	86
PRF46.02.1.2.30R11SW	46W	3910	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	85X1170	75X1160	86
PRF46.02.1.2.30R12SW	46W	3910	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	85X1170	75X1160	86
PRF46.02.1.2.30R11DA	46W	3910	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	85X1170	75X1160	86
PRF46.02.1.2.30R12DA	46W	3910	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	85X1170	75X1160	86
PRF46.02.1.2.40R11SW	46W	3910	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	85X1170	75X1160	86
PRF46.02.1.2.40R12SW	46W	3910	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	85X1170	75X1160	86
PRF46.02.1.2.40R11DA	46W	3910	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	85X1170	75X1160	86
PRF46.02.1.2.40R12DA	46W	3910	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	85X1170	75X1160	86
PRF46.02.1.3.30R11SW	54W	4590	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	85X1450	75X1440	86
PRF46.02.1.3.30R12SW	54W	4590	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	85X1450	75X1440	86
PRF46.02.1.3.30R11DA	54W	4590	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	85X1450	75X1440	86
PRF46.02.1.3.30R12DA	54W	4590	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	85X1450	75X1440	86
PRF46.02.1.3.40R11SW	54W	4590	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	85X1450	75X1440	86
PRF46.02.1.3.40R12SW	54W	4590	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	85X1450	75X1440	86
PRF46.02.1.3.40R11DA	54W	4590	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	85X1450	75X1440	86
PRF46.02.1.3.40R12DA	54W	4590	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	85X1450	75X1440	86
PRF46.02.1.4.30R11SW	60W	5100	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	85X2000	75X1990	86
PRF46.02.1.4.30R12SW	60W	5100	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	85X2000	75X1990	86
PRF46.02.1.4.30R11DA	60W	5100	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	85X2000	75X1990	86
PRF46.02.1.4.30R12DA	60W	5100	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	85X2000	75X1990	86
PRF46.02.1.4.40R11SW	60W	5100	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	85X2000	75X1990	86
PRF46.02.1.4.40R12SW	60W	5100	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	85X2000	75X1990	86
PRF46.02.1.4.40R11DA	60W	5100	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	85X2000	75X1990	86
PRF46.02.1.4.40R12DA	60W	5100	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	85X2000	75X1990	86
PRF46.02.1.5.30R11SW	65W	5525	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	85X2560	75X2550	86
PRF46.02.1.5.30R12SW	65W	5525	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	85X2560	75X2550	86
PRF46.02.1.5.30R11DA	65W	5525	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	85X2560	75X2550	86
PRF46.02.1.5.30R12DA	65W	5525	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	85X2560	75X2550	86
PRF46.02.1.5.40R11SW	65W	5525	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	85X2560	75X2550	86
PRF46.02.1.5.40R12SW	65W	5525	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	85X2560	75X2550	86
PRF46.02.1.5.40R11DA	65W	5525	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	85X2560	75X2550	86
PRF46.02.1.5.40R12DA	65W	5525	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	85X2560	75X2550	86