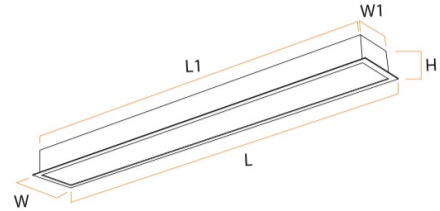


#### Dimensions

Product dimensions (mm)	W68 x L890/1170/1450
Height (mm)	H70
Ceiling cutting dimensions (mm)	W156 x L1880/1160/1440

#### Schematic

##### Product drawings



## LUKA LW LED SMD RECESSED

### DESCRIPTION

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

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

Item code	PRF33
Application type	Indoor applications
Category	Architectural
Product family	LUKA
Subcategory	LUKA LW
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	PRF33
Real power (W)	21/27/33/49
Real lumen output (Lm)	1615/2125/2635/3910
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+

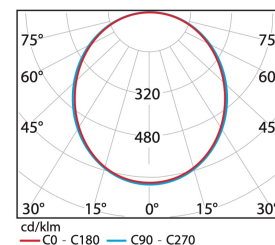
### Driver/Power Supply

Driver included	Yes
Driver type	Electronic driver
Flicker free	Yes

Light source included	Yes
Light source type	LED
LED type	SMD
Nominal power (W)	19/25/31/46
Total lumen (Lm)	2564/3373/4182/6206
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)
PRF33.02.1.1.30R11SW	19W	1615	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	68X890	56X880	70
PRF33.02.1.1.30R12SW	19W	1615	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	68X890	56X880	70
PRF33.02.1.1.30R11DA	19W	1615	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	68X890	56X880	70
PRF33.02.1.1.30R12DA	19W	1615	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	68X890	56X880	70
PRF33.02.1.1.40R11SW	19W	1615	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	68X890	56X880	70
PRF33.02.1.1.40R12SW	19W	1615	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	68X890	56X880	70
PRF33.02.1.1.40R11DA	19W	1615	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	68X890	56X880	70
PRF33.02.1.1.40R12DA	19W	1615	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	68X890	56X880	70
PRF33.02.1.2.30R11SW	25W	2125	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	68X1170	56X1160	70
PRF33.02.1.2.30R12SW	25W	2125	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	68X1170	56X1160	70
PRF33.02.1.2.30R11DA	25W	2125	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	68X1170	56X1160	70
PRF33.02.1.2.30R12DA	25W	2125	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	68X1170	56X1160	70
PRF33.02.1.2.40R11SW	25W	2125	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	68X1170	56X1160	70
PRF33.02.1.2.40R12SW	25W	2125	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	68X1170	56X1160	70
PRF33.02.1.2.40R11DA	25W	2125	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	68X1170	56X1160	70
PRF33.02.1.2.40R12DA	25W	2125	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	68X1170	56X1160	70
PRF33.02.1.3.30R11SW	31W	2635	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	68X1450	56X1440	70
PRF33.02.1.3.30R12SW	31W	2635	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	68X1450	56X1440	70
PRF33.02.1.3.30R11DA	31W	2635	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	68X1450	56X1440	70
PRF33.02.1.3.30R12DA	31W	2635	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	68X1450	56X1440	70
PRF33.02.1.3.40R11SW	31W	2635	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	68X1450	56X1440	70
PRF33.02.1.3.40R12SW	31W	2635	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	68X1450	56X1440	70
PRF33.02.1.3.40R11DA	31W	2635	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	68X1450	56X1440	70
PRF33.02.1.3.40R12DA	31W	2635	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	68X1450	56X1440	70
PRF33.02.1.4.30R11SW	46W	3910	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	68X1170	56X1160	70
PRF33.02.1.4.30R12SW	46W	3910	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	68X1170	56X1160	70
PRF33.02.1.4.30R11DA	46W	3910	3000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	68X1170	56X1160	70
PRF33.02.1.4.30R12DA	46W	3910	3000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	68X1170	56X1160	70
PRF33.02.1.4.40R11SW	46W	3910	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	ON-OFF	68X1170	56X1160	70
PRF33.02.1.4.40R12SW	46W	3910	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	ON-OFF	68X1170	56X1160	70
PRF33.02.1.4.40R11DA	46W	3910	4000K	>80	RECTANGULAR	WHITE	IP20	RECESSED	DALI	68X1170	56X1160	70
PRF33.02.1.4.40R12DA	46W	3910	4000K	>80	RECTANGULAR	BLACK	IP20	RECESSED	DALI	68X1170	56X1160	70