

SNEP[®] REDA

- Uncompromised multipurpose light

With SNEP[®] REDA's multiple optics one lights up different premises having either low UGR requirement or more generic lighting requirements. REDA is straightforward to install on ceiling and it can be equipped with broad range of brackets. Energy efficiency, ease of installation and cost efficiency ensure low lifetime costs.

REDA fulfils SNEP[®] office light family, with which it is easy to create modern and uniform looks to premises. Energy efficient luminaire is environmentally friendly made in Finland.



Low glare optics for premises having strict requirements (UGR<19). The light distribution meets the SFS EN 12464-1 lighting requirements in offices and class rooms.



Generic lighting lense optics for broad range of premises.

Enclosure class
IP20

Shielding class
I

Ambient temperature
(Ta-class) Ta 0...+40°C

Frame structure
The frame is made from steel and the end caps are of PC

Optics
Low glare optics (UGR<19) or lense optics

CCT and CRI
3000K / 4000K, CRI 80 / 90, Tunable White 2700-6500K, CRI 80

Color
White RAL 9010 or black RAL 9005

Voltage
200-240 Vac

Power factor
>0,95

Light distributions

Low UGR 80° white reflector (DW80)



Narrow 30° lense (N30)

Low UGR 50° white reflector (DW50)



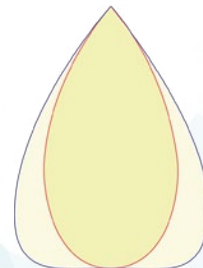
Medium wide 60° lense (W60)

Low UGR 80° black reflector (DB80)



Wide 90° lense (W90)

Low UGR 50° black reflector (DB50)



Extra wide 110° lense (W110)



Retail double asymmetrical lense (A2)



Asymmetrical lense (A1)



Opal lense (S1)



Freq
0/50/60 Hz

Light service life
L80B50>100 000h

Failure rate
≤ 100 000h / 10 %

Warranty
5-years

Installation

- Directly to surface
- Accessory REDA brackets (see installation instr.)
- Lighting track brackets
- Ceiling bracket
- Three phase adapter
- DALI and Three phase adapter
- Cable shelf bracket
- Suspension wires
- End hook
- Adjustable end hook

Control

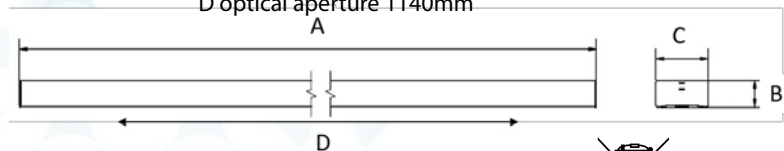
- ON/OFF
- DALI

Connection

- To the terminal block, support through cabling (max 5*2.5mm²)
- Through cabling from the same end of the luminaire with Wago Winsta Midi connection cables: male 5x2,5mm², length variants 1-8m, female 5x2.5mm² always 2m long
- Through cabling from the luminaire ends with Wago Winsta Midi connection cables: male 5x2,5mm², length variants 1-8m, female 5x2.5mm² always 2m long
- Connection cable from the luminaire end, top surface or middle of the luminaire with Wago Winsta Midi male cable 5x2,5mm², length variants 1-8m.
- Connection cable from the luminaire end or upwards 3*1.5mm² or 5*1.5mm², length 2m, 4m or 6m
- Schuko connection cable 3*1.5mm² upwards, length 1.5m

Dimensions

A 1500mm
B 42mm
C 82mm
D optical aperture 1140mm



SNEP® REDA Low glare optics (UGR<19)

		Technical name	UGR	Dimensions	CCT	CRI	Flux [lm]**	Light efficacy [lm/W]**	Power [W]**	Ta-class	Weight [kg]
Lifetime**: L80B50>100 000h											
Low UGR 80° white reflector (DW80)	REDADW80	840LE 23W	<19	1500*82	4000K	>80	3550	154	23	0°C...+40°C	2.7
	REDADW80	840LE 27W	<19	1500*82	4000K	>80	4050	150	27	0°C...+40°C	2.7
	REDADW80	840LE 31W	<19	1500*82	4000K	>80	4550	147	31	0°C...+40°C	2.7
	REDADW80	840LO 36W	<19	1500*82	4000K	>80	5250	146	36	0°C...+40°C	2.7
	REDADW80	840HE 33W	<19	1500*82	4000K	>80	5300	161	33	0°C...+40°C	2.7
	REDADW80	840HE 38W	<19	1500*82	4000K	>80	5950	157	38	0°C...+40°C	2.7
	REDADW80	840HE 45W	<19	1500*82	4000K	>80	7050	157	45	0°C...+40°C	2.7
	REDADW80	840HO 52W	<19	1500*82	4000K	>80	8100	156	52	0°C...+40°C	2.7
	REDADW80	840HO 61W	<19	1500*82	4000K	>80	9250	152	61	0°C...+40°C	2.7
Low UGR 50° white reflector (DW50)	REDADW50	840LE 23W	<19	1500*82	4000K	>80	3600	157	23	0°C...+40°C	2.7
	REDADW50	840LE 27W	<19	1500*82	4000K	>80	4100	152	27	0°C...+40°C	2.7
	REDADW50	840LE 31W	<19	1500*82	4000K	>80	4600	148	31	0°C...+40°C	2.7
	REDADW50	840LO 36W	<19	1500*82	4000K	>80	5300	147	36	0°C...+40°C	2.7
	REDADW50	840HE 33W	<19	1500*82	4000K	>80	5350	162	33	0°C...+40°C	2.7
	REDADW50	840HE 38W	<19	1500*82	4000K	>80	6000	158	38	0°C...+40°C	2.7
	REDADW50	840HE 45W	<19	1500*82	4000K	>80	7150	159	45	0°C...+40°C	2.7
	REDADW50	840HO 52W	<19	1500*82	4000K	>80	8200	158	52	0°C...+40°C	2.7
	REDADW50	840HO 61W	<19	1500*82	4000K	>80	9350	153	61	0°C...+40°C	2.7
Low UGR 80° black reflector (DB80)	REDADB80	840LE 23W	<19	1500*82	4000K	>80	3200	139	23	0°C...+40°C	2.7
	REDADB80	840LE 27W	<19	1500*82	4000K	>80	3700	137	27	0°C...+40°C	2.7
	REDADB80	840LE 31W	<19	1500*82	4000K	>80	4150	134	31	0°C...+40°C	2.7
	REDADB80	840LO 36W	<19	1500*82	4000K	>80	4750	132	36	0°C...+40°C	2.7
	REDADB80	840HE 33W	<19	1500*82	4000K	>80	4800	145	33	0°C...+40°C	2.7
	REDADB80	840HE 38W	<19	1500*82	4000K	>80	5400	142	38	0°C...+40°C	2.7
	REDADB80	840HE 45W	<19	1500*82	4000K	>80	6400	142	45	0°C...+40°C	2.7
	REDADB80	840HO 52W	<19	1500*82	4000K	>80	7350	141	52	0°C...+40°C	2.7
	REDADB80	840HO 61W	<19	1500*82	4000K	>80	8400	138	61	0°C...+40°C	2.7
Low UGR 50° black reflector (DB50)	REDADB50	840LE 23W	<19	1500*82	4000K	>80	3400	148	23	0°C...+40°C	2.7
	REDADB50	840LE 27W	<19	1500*82	4000K	>80	3850	143	27	0°C...+40°C	2.7
	REDADB50	840LE 31W	<19	1500*82	4000K	>80	4350	140	31	0°C...+40°C	2.7
	REDADB50	840LO 36W	<19	1500*82	4000K	>80	5000	139	36	0°C...+40°C	2.7
	REDADB50	840HE 33W	<19	1500*82	4000K	>80	5050	153	33	0°C...+40°C	2.7
	REDADB50	840HE 38W	<19	1500*82	4000K	>80	5700	150	38	0°C...+40°C	2.7
	REDADB50	840HE 45W	<19	1500*82	4000K	>80	6750	150	45	0°C...+40°C	2.7
	REDADB50	840HO 52W	<19	1500*82	4000K	>80	7750	149	52	0°C...+40°C	2.7
	REDADB50	840HO 61W	<19	1500*82	4000K	>80	8800	144	61	0°C...+40°C	2.7
** All performance values are given at room temp +25°C. Not to be used in condensive condensations/way. Power and light tolerance +-7%											

SNEP® REDA lense optics

		Technical name	Dimensions	CCT	CRI	Flux [lm]**	Efficacy [lm/W]**	Power [W]**	Ta-class	Weight [kg]
Lifetime**: L80B50>100 000h										
Narrow 30° lense (N30)	REDAN30	840HE 23W	1500*82	4000K	>80	3650	159	23	0°C...+40°C	2.7
	REDAN30	840HE 29W	1500*82	4000K	>80	4550	157	29	0°C...+40°C	2.7
	REDAN30	840HE 35W	1500*82	4000K	>80	5400	154	35	0°C...+40°C	2.7
	REDAN30	840HO 40W	1500*82	4000K	>80	6100	153	40	0°C...+40°C	2.7
	REDAN30	840HO 50W	1500*82	4000K	>80	7450	149	50	0°C...+40°C	2.7
	REDAN30	840HO 60W	1500*82	4000K	>80	8800	147	60	0°C...+40°C	2.7
Medium wide 60° lense (W60)	REDAW60	840HE 23W	1500*82	4000K	>80	3750	163	23	0°C...+40°C	2.7
	REDAW60	840HE 29W	1500*82	4000K	>80	4650	160	29	0°C...+40°C	2.7
	REDAW60	840HE 35W	1500*82	4000K	>80	5550	159	35	0°C...+40°C	2.7
	REDAW60	840HO 40W	1500*82	4000K	>80	6250	156	40	0°C...+40°C	2.7
	REDAW60	840HO 50W	1500*82	4000K	>80	7650	153	50	0°C...+40°C	2.7
	REDAW60	840HO 60W	1500*82	4000K	>80	9000	150	60	0°C...+40°C	2.7
Wide 90° lense (W90)	REDAW90	840HE 23W	1500*82	4000K	>80	3750	163	23	0°C...+40°C	2.7
	REDAW90	840HE 29W	1500*82	4000K	>80	4650	160	29	0°C...+40°C	2.7
	REDAW90	840HE 35W	1500*82	4000K	>80	5550	159	35	0°C...+40°C	2.7
	REDAW90	840HO 40W	1500*82	4000K	>80	6250	156	40	0°C...+40°C	2.7
	REDAW90	840HO 50W	1500*82	4000K	>80	7650	153	50	0°C...+40°C	2.7
	REDAW90	840HO 60W	1500*82	4000K	>80	9000	150	60	0°C...+40°C	2.7
Extra wide 110° lense (W110)	REDAW110	840HE 23W	1500*82	4000K	>80	3750	163	23	0°C...+40°C	2.7
	REDAW110	840HE 29W	1500*82	4000K	>80	4650	160	29	0°C...+40°C	2.7
	REDAW110	840HE 35W	1500*82	4000K	>80	5550	159	35	0°C...+40°C	2.7
	REDAW110	840HO 40W	1500*82	4000K	>80	6250	156	40	0°C...+40°C	2.7
	REDAW110	840HO 50W	1500*82	4000K	>80	7650	153	50	0°C...+40°C	2.7
	REDAW110	840HO 60W	1500*82	4000K	>80	9000	150	60	0°C...+40°C	2.7
Retail double asymmetrical lense (A2)	REDAA2	840HE 23W	1500*82	4000K	>80	3750	163	23	0°C...+40°C	2.7
	REDAA2	840HE 29W	1500*82	4000K	>80	4650	160	29	0°C...+40°C	2.7
	REDAA2	840HE 35W	1500*82	4000K	>80	5550	159	35	0°C...+40°C	2.7
	REDAA2	840HO 40W	1500*82	4000K	>80	6250	156	40	0°C...+40°C	2.7
	REDAA2	840HO 50W	1500*82	4000K	>80	7650	153	50	0°C...+40°C	2.7
	REDAA2	840HO 60W	1500*82	4000K	>80	9000	150	60	0°C...+40°C	2.7
Asymmetrical lense (A1)	REDAA1	840HE 23W	1500*82	4000K	>80	3650	159	23	0°C...+40°C	2.7
	REDAA1	840HE 29W	1500*82	4000K	>80	4550	157	29	0°C...+40°C	2.7
	REDAA1	840HE 35W	1500*82	4000K	>80	5400	154	35	0°C...+40°C	2.7
	REDAA1	840HO 40W	1500*82	4000K	>80	6100	153	40	0°C...+40°C	2.7
	REDAA1	840HO 50W	1500*82	4000K	>80	7450	149	50	0°C...+40°C	2.7
	REDAA1	840HO 60W	1500*82	4000K	>80	8800	147	60	0°C...+40°C	2.7
Opal lense (S1)	REDAS1	840HE 23W	1500*82	4000K	>80	3150	137	23	0°C...+40°C	2.7
	REDAS1	840HE 29W	1500*82	4000K	>80	3900	134	29	0°C...+40°C	2.7
	REDAS1	840HE 35W	1500*82	4000K	>80	4650	133	35	0°C...+40°C	2.7
	REDAS1	840HO 40W	1500*82	4000K	>80	5250	131	40	0°C...+40°C	2.7
	REDAS1	840HO 50W	1500*82	4000K	>80	6450	129	50	0°C...+40°C	2.7
	REDAS1	840HO 60W	1500*82	4000K	>80	7550	126	60	0°C...+40°C	2.7

** All performance values are given at room temp +25°C. Not to be used in condensive condensations/way. Power and light tolerance +-7%