



## Family

# Rundo87

Circular luminaires with an aluminium profile with a height of 87 mm and an excellent luminous efficacy of up to 145 lm/W. A Huge family not only by its name, but also in terms of its functions and dimensions with a diameter of up to 1150 mm. These surface or pendant luminaires can be used as basic lighting features in commercial and residential spaces. Thanks to sophisticated technology, the luminaires do not cause glare and the lighting can be adapted to smaller or large commercial spaces. You can choose between a version with an opal diffuser made of PMMA or a microprismatic optical system.

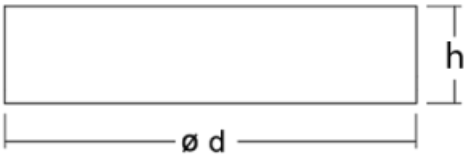
Type of installation	Surface, Wall mounted, Suspended
Light distribution	Direct, Direct-indirect
Colour of the luminaires	Black, Silver, White
Colour Temperature	3000 K warm white, 4000 K cool white, 2700 K - 6500 K Tunable White
Material	Aluminium
Light source	LED MODUL
LED type	Tunable White
MacAdam Light source	3
Connection of the luminaires	ON/OFF DALI ON/OFF + 1h emergency DALI + sensor ON/OFF + 3h emergency DALI DT8 DALI + bluetooth ON/OFF multiwatt
Lifetime	L80/B20, L80/B10, L90/B50 50 000 hours
Warranty	60 months

## Luminaire family variants Rundo87





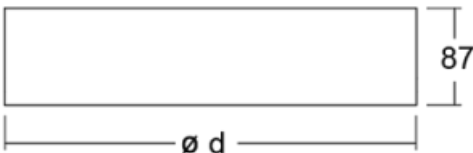
Huge



Assembly	Light distribution
Energy class	Marks

Notes For pendant assembly, you must order a pendant set containing cables and a ceiling cup.


Rundo 87



Assembly	Light distribution
	
Energy class	Marks
energy_class_g	

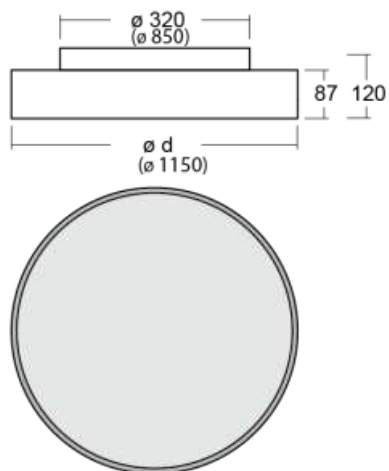
Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
191-230K-10GEM3I/840, W	ø 300 × 87	13.1	1500	4000	< 23.1
191-230K-10GEEI/840, W	ø 300 × 87	22.4	2500	4000	< 24.9
191-240K-10GGEI/840, W	ø 400 × 87	29.1	3500	4000	< 24
191-250K-10GGEI/840, W	ø 500 × 87	36.4	4500	4000	< 23.3
191-260K-10GGEI/840, W	ø 600 × 87	40.4	5500	4000	< 22.7
191-260K-10GHE/840, W	ø 600 × 87	54.8	7110	4000	< 23.6
191-280K-10GEE/840, W	ø 850 × 87	59	8070	4000	< 20.7
191-280K-10GGM3I/840, W	ø 850 × 87	76.6	10500	4000	< 22.5
191-280K-10GGE/840, W	ø 850 × 87	80.9	10920	4000	< 20.7
191-280K-10GHE/840, W	ø 850 × 87	98.3	13080	4000	< 22.9

AnThese codes represent white luminaires with chromaticity temperature 4000K and opal diffuser.

Notes	Colour of the luminaires	
	Colour Temperature	3000 K warm white 4000 K cool white 2700 K - 6500 K Tunable White
	Optic system	Microprisma Opal diffuser
	Connection of the luminaires	ON/OFF DALI ON/OFF + 1h emergency DALI + sensor ON/OFF + 3h emergency DALI DT8 DALI + bluetooth ON/OFF multiwatt
	Ra	80 90

For pendant assembly, you must order a pendant set containing cables and a ceiling cup.

## Rundo 87



### Assembly



### Light distribution



### Energy class

energy\_class\_g

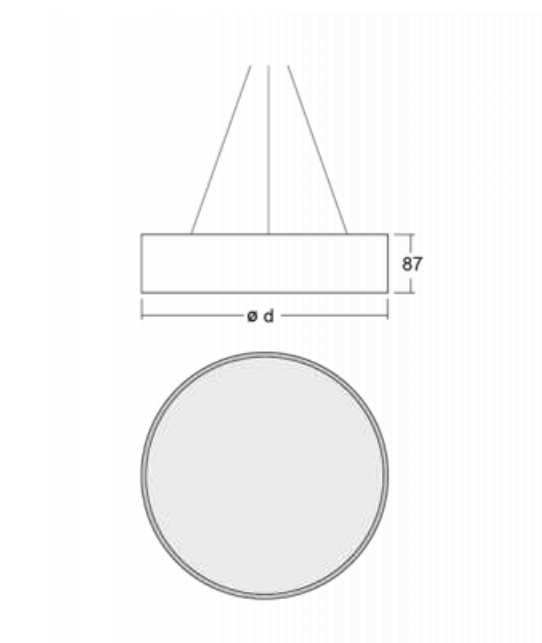
### Marks

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
191-2A0K-10GEE/840, W	ø 1150 × 87	94.9	13020	4000	< 20.8
190-2A0K-10GEE/840, W	ø 1150 × 87	94.9	13020	4000	< 20.8
191-2A0K-10GGE/840, W	ø 1150 × 87	106	17270	4000	< 21.8
190-2A1K-10GEE/840, W	ø 1150 × 87	106	14390	4000	< 19.9
190-2A0K-10GGE/840, W	ø 1150 × 87	127.5	17270	4000	< 22
190-2A1K-10GGE/840, W	ø 1150 × 87	143.2	19290	4000	< 20.9
191-2A0K-10GHE/840, W	ø 1150 × 87	145.3	19480	4000	< 22.5
190-2A0K-10GHE/840, W	ø 1150 × 87	145.3	19480	4000	< 22.5
190-2A1K-10GHE/840, W	ø 1150 × 87	179.8	23900	4000	< 21.7

AnThese codes represent white luminaires with chromaticity temperature 4000K and opal diffuser.

Notes	Colour of the luminaires	<div> <div></div> <div></div> <div></div> </div>
	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Microprisma Opal diffuser
	Connection of the luminaires	ON/OFF DALI
	Ra	80
	For pendant assembly, you must order a pendant set containing cables and a ceiling cup.	

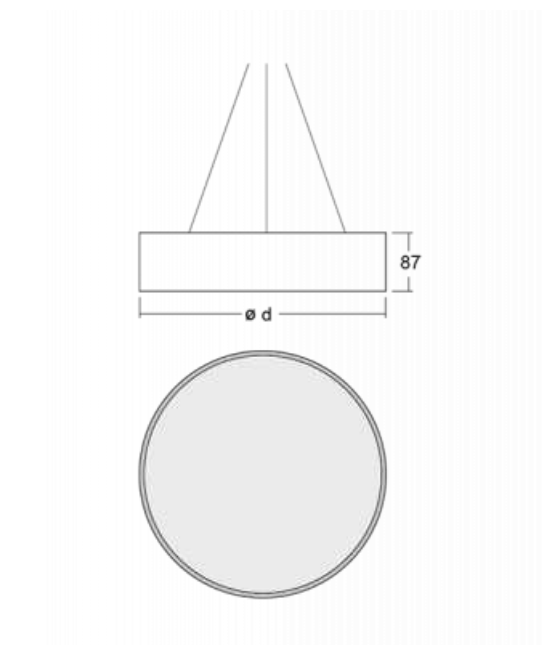
## Huge



Assembly	Light distribution
Energy class	Marks

Notes	Luminaires come complete with all necessary accessories.
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## Rundo 87



### Assembly



### Light distribution



### Energy class

energy\_class\_g

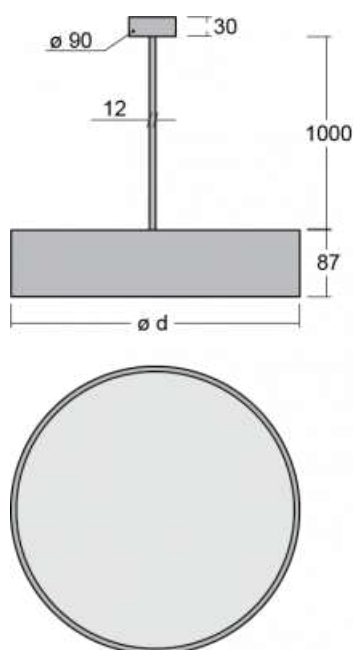
### Marks

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
191-230K-10GEEI/840, W + 00-00334, W	ø 300 × 87	22.4	2500	4000	< 22.1
191-240K-10GGEI/840, W + 00-00334, W	ø 400 × 87	29.1	3500	4000	< 24
191-260K-10GGEI/840, W + 00-00334, W	ø 600 × 87	40.4	5500	4000	< 22.8
190-2A0K-10GEE/840, W + 00-00374, W	ø 1150 × 87	94.9	13020	4000	< 20.8
190-2A1K-10GEE/840, W + 00-00374, W	ø 1150 × 87	106	14390	4000	< 19.9
190-2A0K-10GGE/840, W + 00-00374, W	ø 1150 × 87	127.5	17270	4000	< 22
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	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Microprisma Opal diffuser
	Connection of the luminaires	ON/OFF DALI ON/OFF + 1h emergency ON/OFF + 3h emergency ON/OFF multiwatt
	Ra	80
	Luminaires come complete with all necessary accessories.	

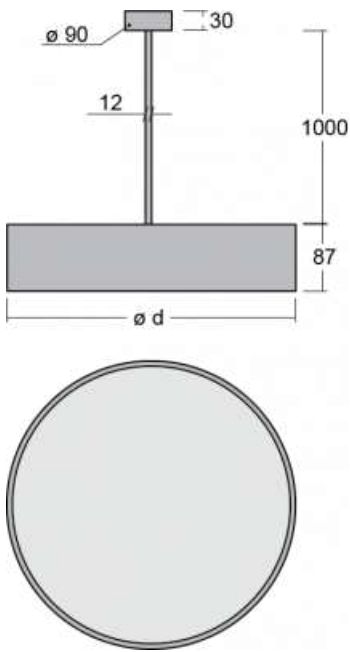
## Huge



Assembly	Light distribution
Energy class	Marks

Notes	Luminaires come complete with all necessary accessories.
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Rundo 87



Assembly



Light distribution




Energy class

energy\_class\_g

Marks

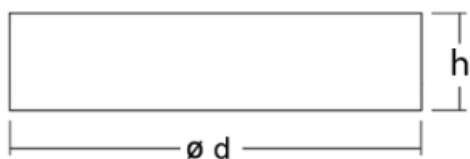
Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
191-230K-10GEEI/840, W + 00-00384-1000/HU3, W	ø 300 × 87	22.4	2500	4000	< 22.1
191-240K-10GGEI/840, W + 00-00384-1000/HU4, W	ø 400 × 87	29.1	3500	4000	< 24
191-260K-10GGEI/840, W + 00-00384-1000/HU6, W	ø 600 × 87	40.4	5500	4000	< 22.8
190-2A0K-10GEE/840, W + 00-00384-1000/RUN, W	ø 1150 × 87	94.9	13020	4000	< 20.8
190-2A1K-10GEE/840, W + 00-00384-1000/RUN, W	ø 1150 × 87	106	14390	4000	< 19.9
190-2A0K-10GGE/840, W + 00-00384-1000/RUN, W	ø 1150 × 87	127.5	17270	4000	< 22
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	Connection of the luminaires	ON/OFF DALI ON/OFF + 1h emergency ON/OFF + 3h emergency ON/OFF multiwatt
	Ra	80

Luminaires come complete with all necessary accessories.

## Huge









**Assembly****Light distribution****Energy class****Marks**

## Notes




For pendant assembly, you must order a pendant set containing cables and a ceiling cup.

## Legend




### Type of installation

	Recessed lights		Wall mounted lights
	Semi-recessed luminaire		Suspended lights
	Surface lights		Free-standing lights
	3 circuit track lights		Table lamp lights







### Light distribution

	Direct luminaire
	Direct-indirect luminaire
	Indirect luminaire

### Light source

	<b>Tunable White</b> adjusting the color temperature		<b>RealWhite</b> true display of white color
	<b>RealColour</b> true display of colors Ra≥97		<b>StrongColour</b> highlight one color

### Marks

	Luminaire of electrical classification I (accessible conductive parts are connected to a protective cable)
	Luminaire of electrical classification II (accessible conductive parts are connected to a protective cable)
	Luminaire of electrical classification III (protection against electric shock is based on double or reinforced insulation)
	European mark of conformity that indicates the conformity of the properties of the product with all the harmonized standards and regulations of the European Community that apply to it
	Luminaires are certified according to the European ENEC system
	Recommended mounting hole size

**IPxy** IP code indicating the degree of protection of live parts

**EAC** Eurasian Conformity

## 11S-501I-20GGE/840, W

11S-501I-20GGE/840, W

11S-501I-20GGE/840, W

11S-501I-20GGE/840, W

**Optic system**

**Electrical connection**

**Colour**












### Optic system

<b>B</b>	Microprismatic system, low UGR	<b>L</b>	Plain aluminium reflector
<b>C</b>	Clear cover	<b>M</b>	Matt parabolic louvre
<b>D</b>	Asymmetric reflector	<b>S</b>	SPOT - narrow angle
<b>E</b>	Polished parabolic louvre, high LOR	<b>U</b>	MEDIUM - middle angle
<b>F</b>	FLOOD - wide angle	<b>W</b>	Wide beam angle
<b>I</b>	Microprismatic optical system	<b>Z</b>	Plastic louver, low UGR
<b>K</b>	Opal diffuser		




### Electrical connection

<b>/BT</b>	Luminaires controlled via Bluetooth technology	<b>P</b>	Sensor and electronic ballast
<b>D</b>	DALI dimmable	<b>T</b>	By switch dimmable (touch dimm)
<b>E</b>	Electronic ballast non-dimmable	<b>TD</b>	DALI or by switch (touch dimm) dimmable
<b>M</b>	Electronic ballast non-dimmable with 1h emergency	<b>U</b>	Dimmable luminaire with dimmer on the luminaire
<b>M3</b>	Electronic ballast non-dimmable with 3h emergency		

### Colour

<b>W</b>	 RAL 9003	<b>B</b>	 RAL 9005	<b>S</b>	 TIGER 09/90530
<b>1021</b>	 RAL 1021	<b>2000</b>	 RAL 2000	<b>3020</b>	 RAL 3020
<b>5015</b>	 RAL 5015	<b>6018</b>	 RAL 6018	<b>7016</b>	 RAL 7016
<b>9006</b>	 RAL 9006	<b>9010</b>	 RAL 9010		

### Značky typu

	Smart – Luminaire or the lighting system controlled by motion, daylight or via smart devices using Bluetooth technology
	Acoustic – Luminaire with acoustic absorption properties which reduce disturbing noise and improve the acoustics of the room
	Multiwatt – Luminaires with individually adjustable luminous flux using a special antenna or mobile application

**UGR** UGR – The luminaire suitable for office spaces