GENII LED Value Ceiling Light Family

Product	Lumen	Watt.	CCT	Size
LEDVALUE Ceiling 42W/830	3500	42	3000	500mm
LEDVALUE Ceiling 42W/840	3700	42	4000	500mm
LEDVALUE Ceiling 42W/865	3700	42	6500	500mm
LEDVALUE Ceiling 23W/830	1770	23	3000	330mm
LEDVALUE Ceiling 23W/840	1860	23	4000	330mm
LEDVALUE Ceiling 23W/865	1860	23	6500	330mm
LEDVALUE Ceiling 20W/830	1520	20	3000	330mm
LEDVALUE Ceiling 20W/840	1600	20	4000	330mm
LEDVALUE Ceiling 20W/865	1600	20	6500	330mm
LEDVALUE Ceiling 10W/830	760	10	3000	250mm
LEDVALUE Ceiling 10W/840	800	10	4000	250mm
LEDVALUE Ceiling 10W/865	800	10	6500	250mm

Product features:

- Class I Luminaire for10W/20W/23W.
- Class II Luminaire for 42W.
- All types for indoor use only.
- Mercury-free and RoHS compliant
- Type of protection: IP20
- Offers in 3 different colors to fulfill different application needs. (3000K/4000K/6500K)
- Lifetime: up to 15,000 h (L70/B50)
- Color consistency: SDCM 6
- Color Rendering: > 80
- Beam angle: 120
- Surge voltage capability: 1KV

[1] Typical values. All the technical parameters apply to the entire luminaire. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

[2] The average lifetime of LED Luminaire is defined as the number of hours when the light output of 50% of a large group of identical lamps goes below 70% of its initial luminous flux (L70B50, IEC62612).The lifetime is estimated at room temperature (25° C), free air burning, base up burning position and at rated voltage.

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Application:



Product specifications

Product description	Lumen [lm]	Beam Angle	Power [W]	Color	Voltage[V]/ Frequency[Hz]
LEDVAL CEILING42W/830 220-240V5X1G2LEDVO	3500	120 °	42	Warm-White	220 - 240 V 50 / 60 Hz
LEDVAL CEILING42W/840 220-240V5X1G2LEDVO	3700	120 °	42	Cool-White	
LEDVAL CEILING42W/865 220-240V5X1G2LEDVO	3700	120 °	42	Daylight	
LEDVAL CEILING23W/830220-240V5X1G2LEDVO	1770	120 °	23	Warm-White	
LEDVAL CEILING23W/840220-240V5X1G2LEDVO	1860	120 °	23	Cool-White	
LEDVAL CEILING23W/865220-240V5X1G2LEDVO	1860	120 °	23	Daylight	
LEDVAL CEILING20W/830220-240V5X1G2LEDVO	1520	120 °	20	Warm-White	
LEDVAL CEILING20W/840220-240V5X1G2LEDVO	1600	120 °	20	Cool-White	
LEDVAL CEILING20W/865220-240V5X1G2LEDVO	1600	120 °	20	Daylight	
LEDVAL CEILING10W/830220-240V5X1G2LEDVO	760	120 °	10	Warm-White	
LEDVAL CEILING10W/840220-240V5X1G2LEDVO	800	120 °	10	Cool-White	
LEDVAL CEILING10W/865220-240V5X1G2LEDVO	800	120 °	10	Daylight	

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Common Characteristics

Product Type	Average Lifetime	Switching Cycles	Casing Material	Starting Time	Warm up time (For 60% light)
LEDVALUE Ceiling 42W	15,000 hrs	30000	PMMA	<0.5s	<0.5s
Product Type	**Tc Temperature**	**CRI**	**Mercury Max.**	**Lamp Current**	**Inrush Current**
LEDVALUE Ceiling 42W	85	> 80	0.0 mg	280mA	10.4A

Common Characteristics

Product Type	Average Lifetime	Switching Cycles	Casing Material	Starting Time	Warm up time (For 60% light)
LEDVALUE Ceiling 23W	15,000 hrs	30000	PMMA	<0.5s	<0.5s
LEDVALUE Ceiling 20W	15,000 hrs	30000	PMMA	<0.5s	<0.5s
LEDVALUE Ceiling 10W	15,000 hrs	30000	PMMA	<0.5s	<0.5s
Product Type	**Tc Temperature**	**CRI**	**Mercury Max.**	**Lamp Current**	**Inrush Current**
LEDVALUE Ceiling 23W	85	> 80	0.0 mg	270mA	11.4A
LEDVALUE Ceiling 20W	85	> 80	0.0 mg	120mA	10.8A
LEDVALUE Ceiling 10W	85	> 80	0.0 mg	110mA	18A

[3] The value of beam angle is based on C0/C180 average beam angle (50% Imax)

[3] The Tc is defined as the highest permissible temperature which may occur on the outer surface of the LED lamp (in the indicated position) under normal operating conditions and at the rated voltage/current/power or the maximum of the rated voltage/current/power range (DIN EN 62031: 2009-01)

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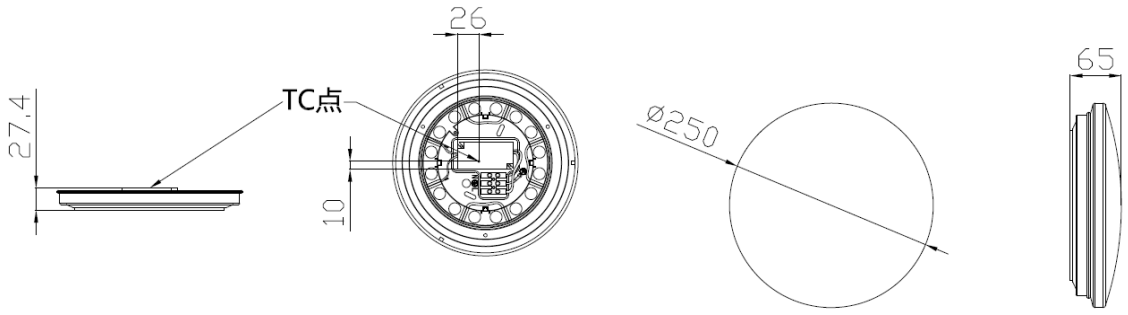
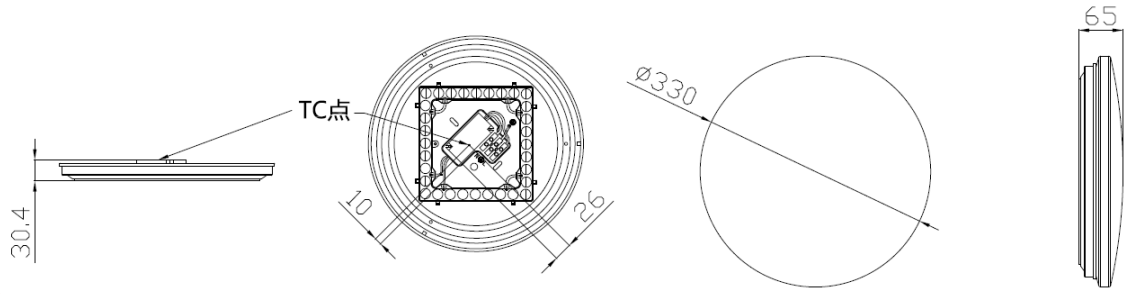
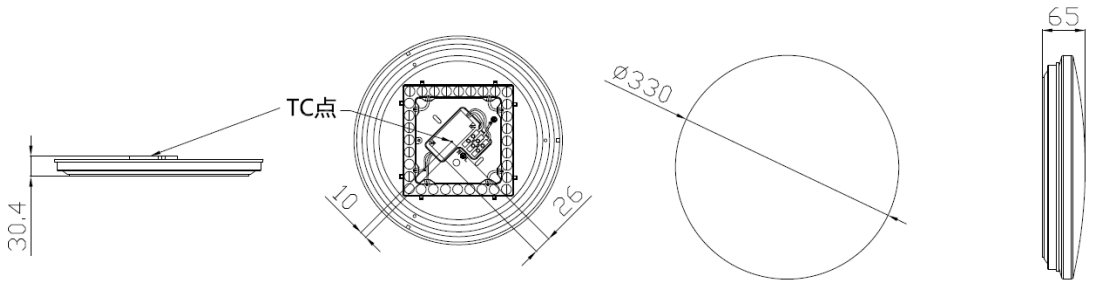
10W



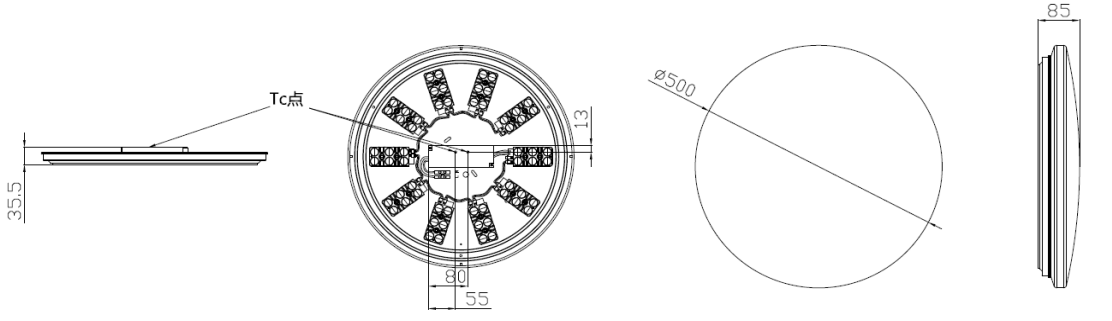
20W



23W



42W



[3] The Tc is defined as the highest permissible temperature which may occur on the outer surface of the LED lamp (in the indicated position) under normal operating conditions and at the rated voltage/current/power or the maximum of the rated voltage/current/power range (DIN EN 62031: 2009-01)

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Warnings

- This product must be installed by a licensed electrical contractor strictly in accordance with local wiring rules.
- Please avoid touching the LEDs.
- LED light module is not replaceable.
- Please contact qualified service personnel to perform the installation and replacement of the ceiling luminaire.
- Please do not attempt to disassemble or change the construction of the luminiare or replace any of the parts to avoid the possibility of injury or product failure.
- Please keep this manual for future reference.
- This product is designed for Indoor use only. It is not intended for installation in wet areas or where the location is exposed to the elements.
- This luminaire is designed for ceiling installation .
- Ambient Temperature is -20°C ~ +40°C (on free air).
- Storage Temperature is -20°C ~ +70℃

Lamp Conformity

- IEC 60598-1: Luminaires –Part 1: General requirements and tests
- IEC 60598-2-1：Luminaires-Part 2:Particular requirements Section One - Fixed general purpose luminaires
- IEC 61347-1：Lamp controlgear –Part 1: General and safety requirements
- IEC61347-2-13：Lamp controlgear-Part 2-13:Particular requirements for d.c. or a.c. supplied electronic controgear for LED modules
- IEC 62031：LED modules for general lighting - Safety specifications
- IEC 62471：Photobiological safety of lamps and lamp systems - Part 5: Image projectors
- IEC TR 62778：Application of IEC 62471 for the assessment of blue light hazard to light sources and luminaires
- IEC 62493：Assessment of lighting equipment related to human exposure to electromagnetic fields

GENII Ceiling 10W/20W/23W/42W Ordering Information

IC	Description	EAN10	EAN40
AC048710055	LEDVAL CEILING10W/830 220-240V5X1G2LEDVO	4058075802421	4058075074064
AC048710155	LEDVAL CEILING10W/830 220-240V5X1G2OSRAM	4052899424395	4058075074163
AC048720055	LEDVAL CEILING10W/840 220-240V5X1G2LEDVO	4058075802445	4058075074071
AC048720155	LEDVAL CEILING10W/840 220-240V5X1G2OSRAM	4052899424418	4058075074187
AC048730055	LEDVAL CEILING10W/865 220-240V5X1G2LEDVO	4058075802469	4058075074088
AC048730155	LEDVAL CEILING10W/865 220-240V5X1G2OSRAM	4052899424432	4058075074200
AC048740055	LEDVAL CEILING20W/830 220-240V5X1G2LEDVO	4058075802360	4058075074101
AC048740155	LEDVAL CEILING20W/830 220-240V5X1G2OSRAM	4052899424357	4058075074217
AC048750055	LEDVAL CEILING20W/840 220-240V5X1G2LEDVO	4058075802384	4058075074118
AC048750155	LEDVAL CEILING20W/840 220-240V5X1G2OSRAM	4052899424333	4058075074224
AC048760055	LEDVAL CEILING20W/865 220-240V5X1G2LEDVO	4058075802407	4058075074132
AC048760155	LEDVAL CEILING20W/865 220-240V5X1G2OSRAM	4052899424371	4058075074231
AC048770055	LEDVAL CEILING23W/830 220-240V5X1G2LEDVO	4058075802308	4058075074156
AC048780055	LEDVAL CEILING23W/840 220-240V5X1G2LEDVO	4058075802322	4058075074170
AC048790055	LEDVAL CEILING23W/865 220-240V5X1G2LEDVO	4058075802346	4058075074194
AC048800055	LEDVAL CEILING42W/830 220-240V5X1G2OSRAM	4058075013599	4058075074279
AC048800155	LEDVAL CEILING42W/830 220-240V5X1G2LEDVO	4058075006881	4058075074286
AC048810055	LEDVAL CEILING42W/840 220-240V5X1G2OSRAM	4058075013612	4058075074293
AC048810155	LEDVAL CEILING42W/840 220-240V5X1G2LEDVO	4058075006904	4058075074309
AC048820055	LEDVAL CEILING42W/865 220-240V5X1G2OSRAM	4058075013636	4058075074316
AC048820155	LEDVAL CEILING42W/865 220-240V5X1G2LEDVO	4058075006928	4058075074323