

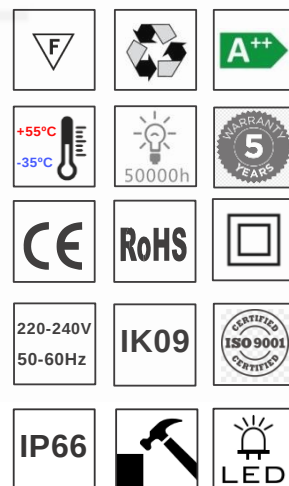


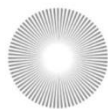
 **LOUSA** is perfect for highlighting features on buildings or in gardens. LED light source for the waterproofed, powerful, versatile spotlight, mounted on ground spike. Its compact size makes this light fitting ideally suited to any number of applications.

 **LOUSA** è perfetto per evidenziare elementi su edifici o giardini. Sorgente luminosa a LED per il faretto impermeabile, potente, versatile, montato su picchetto da terra. Le sue dimensioni compatte rendono questo apparecchio di illuminazione ideale per qualsiasi numero di applicazioni.

TECHNICAL DATA

Type	Spike Light
Installation	Surface
Housing	Die-cast aluminium
Processing	Powder Coated
Diffuser	Safety Glass
Glow wire test	850°
Safety Class	II
Direct Mounting on Normal Flammable Surface	Yes
Driver Included	Yes
Adjustable	Yes

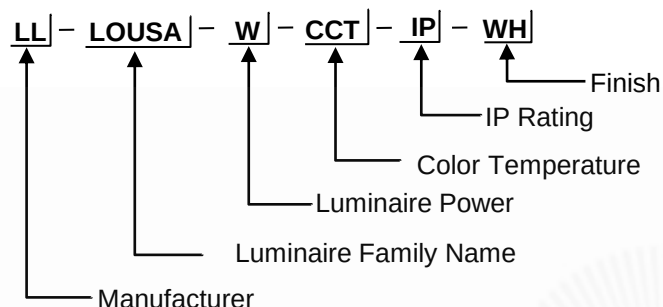




LA LUCE

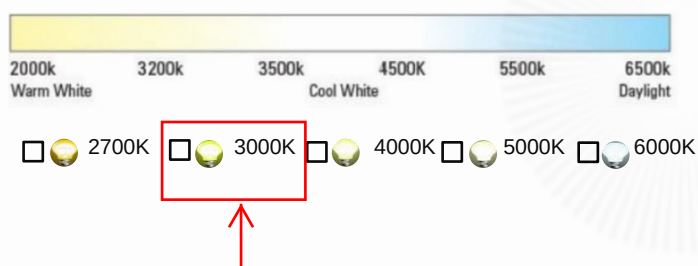
LIGHT - DESIGN - MORE

MODEL CODE

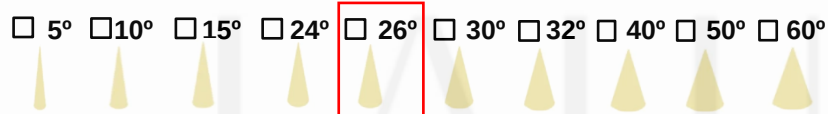


System Wattage (W)	Lumen Output (lm)	Luminaire Efficacy (lm/W)	CRI
☐ 5	500	100	>90
☐ 7	700	100	>90
☐ 10	1000	100	>90
☐ 12	1200	100	>90
☐ 14	1400	100	>90
☒ 16	1600	100	>90
☐ 20	2000	100	>90

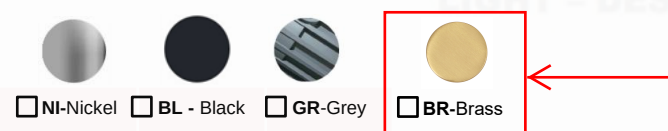
COLOR TEMPERATURE OPTION



BEAM ANGLE OPTION



FINISH OPTION



CONTROL OPTION

☐ DD	DALI DIM	
☐ D1	0-10V DIM	
☐ PD	Phase Cut DIM	
☐ D0	On/Off	

LED CHIPS

OSRAM

CREE

TRIDONIC

TCI LED

SEOUL

Panasonic

bridgelux

NICHIA

LUMINUS

CITIZEN ELECTRONICS CO., LTD.

LUMILEDS

more information in www.la-luce.it



LA LUCE

LIGHT - DESIGN - MORE

LED DRIVERS



TRIDONIC



DONE



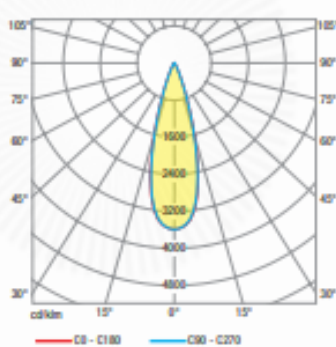
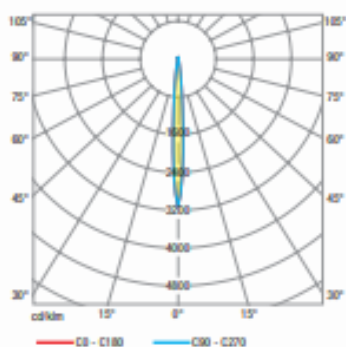
TCI^{LED}
professional led applications

PHILIPS

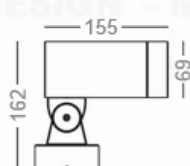
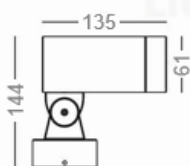
Helvar

OSRAM

PHOTOMETRIC



3D MODULE



45° Cylindrical Screen



Honeycomb Louvre



Spike for
Ground Installation



1

2

3

Attention

220-240VAC
“+”BROWN
“-”BLUE

IP67 or higher grade connector is recommended

Connection box(IP65)

4

5

	Product	DONE WATERPROOF LED DRIVER		
	Series	DL-20W-MPC	REV.	1.1

■ FEATURES

- ◇ Class II structure
- ◇ Input Voltage:100-277V ~ 50/60Hz
- ◇ Input 230Vac, full load output, maximum efficiency up to 85%
- ◇ Lightning surge : differential mode L-N Class II +/- 1 KV (2 ohm)
refer to IEC61000-4-5 2014
- ◇ Hrough The double 85 Test (15 天) @230Vac Full load
- ◇ Derive the LED driver I/P-O/P pressure can reach 1500Vac last 60S
- ◇ Long life design , 3 years warranty
- ◇ Internal glue , level of protection : IP67
- ◇ A Applied in: Street lamp, project-light lamp, wash wall lamp or other outdoor lamps and lanterns
- ◇ Has this product suitable for the Indian marker



■ TYPICAL APPLICATIONS

Indoor household lighting. Indoor commercial lighting.

Outdoor commercial lighting

■ MODEL LIST

Model	AC Input	Output voltage	Output current	Efficiency	
				115Vac	230Vac
DL-20W-C240-MPCC	100~277Vac 50/60Hz	36-80Vdc	240mA	82%	85%
DL-20W-C300-MPC		36-80Vdc	300mA	82%	85%
DL-20W-C350-MPC		40-80Vdc	350mA	82%	85%
DL-20W-C600-MPC		21-35Vdc	600mA	80%	83%

Remark :

1. Default tested at 230Vac,full load with 30 minutes,Ta:25°C.

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■ SPECIFICATION

◇ INPUT

Rated voltage	100 - 277Vac
voltage range	90 - 305Vac
Frequency	50/60Hz
Power factor(PF)	/
Input current	I _{in} <0.3A @100Vac full load
Inrush current (typ.)	Cold start (25°C)<55A @230Vac

◇ OUTPUT

Model	DL-20W-C240-MPC	DL-20W-C300-MPC	DL-20W-C350-MPC	DL-20W-C600-MPC
Rated current	240mA	300mA	350mA	600mA
current range @120-277Vac 50/60Hz	220~257mA	280~315mA	330~370mA	570~630mA
current range @100-120Vac 60Hz	210~257mA	265~315mA	300~368mA	535~630mA
Output voltage range	36~80Vdc	36~80Vdc	40~80Vdc	21~35Vdc
Rated output power	20.5W	25.2W	29.6W	22.0W
No load voltage	90Vdc	90Vdc	90Vdc	90Vdc
Efficiency(Typ.)	>85%@230Vac Full Load	>85%@230Vac Full Load	>85%@230Vac Full Load	>83%@230Vac Full Load
Output current ripple (LED)	≤5%			
Accuracy off output current	±7%	±6%	±5%	±5%
Line regulation	±5%			
Load regulation	±3%			
Setup time	<1000ms @ 115Vac full load <500ms @ 230Vac full load			

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◇ Protection

Over Load protection	Protection mode: hiccup restart mode, automatic recovery after removal of abnormal load conditions.
Short Circuit Protection	Doze mode, can automatically recover after abnormal conditions are removed.
The input under voltage	/

Remarks:

1. All specifications are tested at 230Vac (50Hz) , rated load, and Ta:25°C.
2. Including setting error, linear adjustment rate and load adjustment rate.
- 3.Constant current mode operates under rated output voltage of 50%~100%, suitable for LED and other related industries

■ ENVIRONMENT

Working temperature	-30 ~ +55°C (Refer to "Derating Curve")
Working humidity	20 ~ 95% RH,non-condensing
Storage temperature/humidity	-30~+85°C, 10 ~ 95% RH
Resistant to vibration	10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes
High-pot test	I/P-O/P:1.500KVAC
Insulation resistance	I/P-O/P:100M Ohms / 500VDC / 25°C/ 70% RH
MTBF	470K hrs min. MIL-HDBK-217F (Ta=25°C)

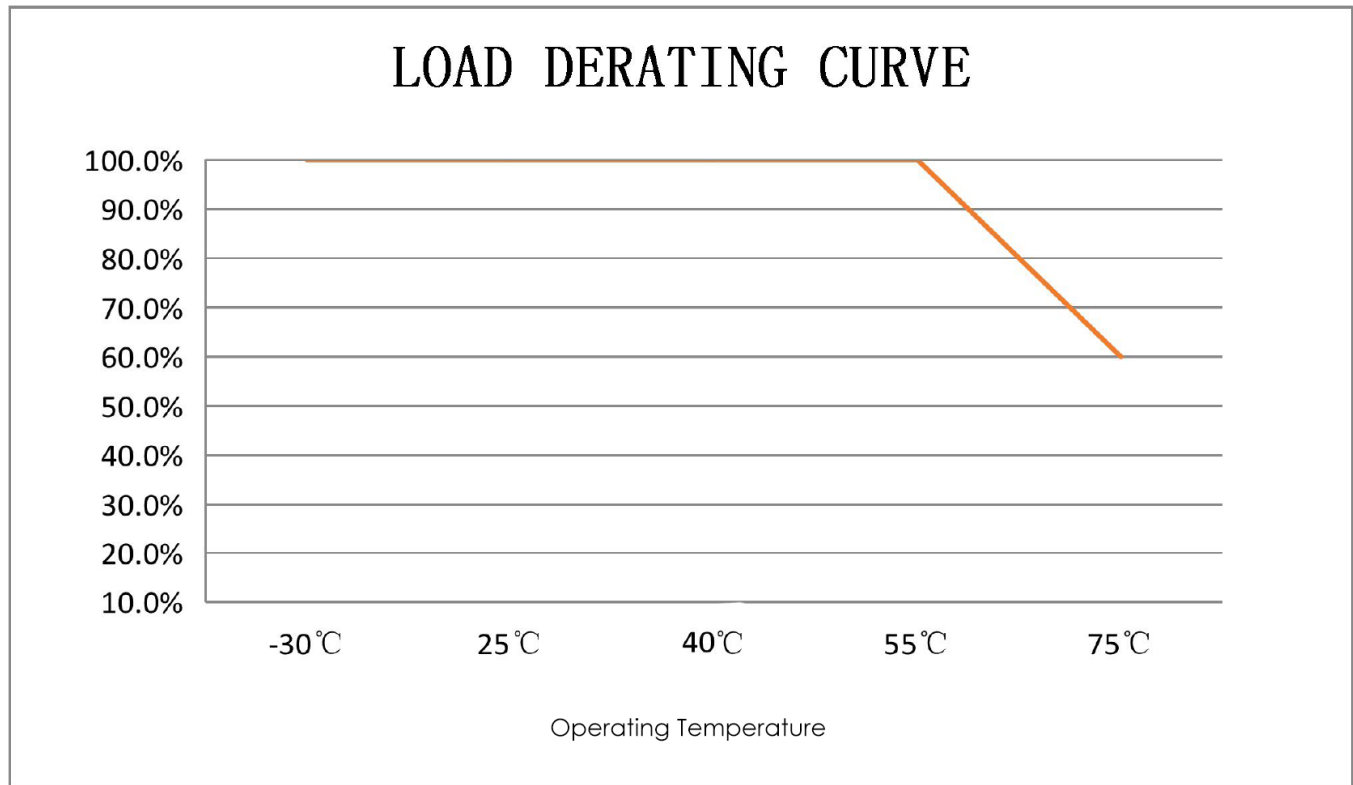
■ SAFETY & EMC

Safety	/
EMC	/
Surge level	difference module L-N Class II +/- 1 KV (2 ohm) (IEC61000-4-5 2014)
Leakage current	<0.7mA

Remarks:

The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.
on the complete installation again.

LOAD DERATING CURVE

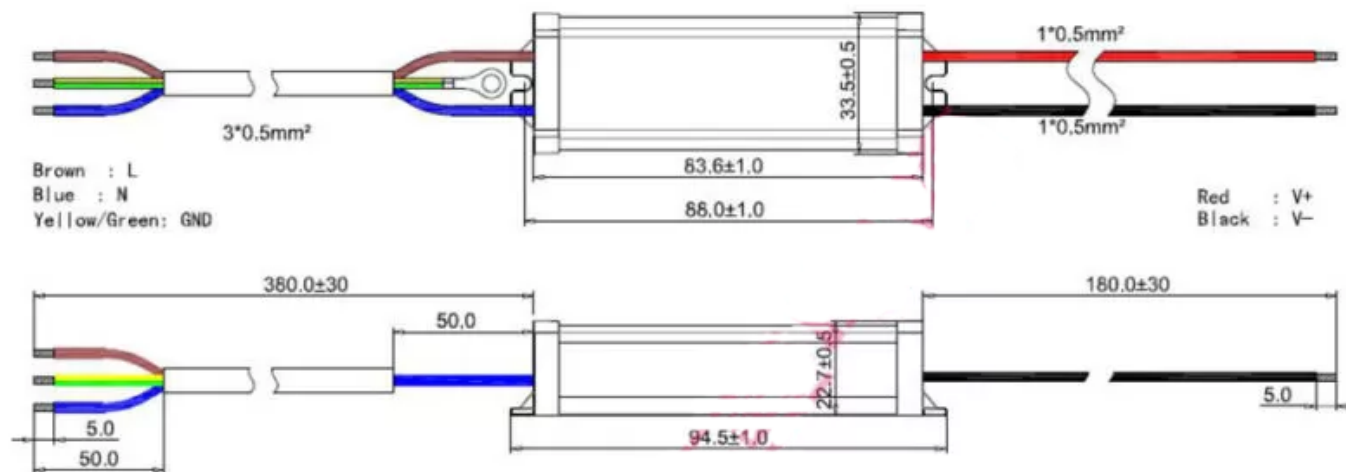


MACHINE SIZE MAP

Size (mm)

95.5*30*20.5mm

Case model : DL-20W-C300-MPC



WEIGHT

Weight

120.0 g.