



MASTERColour CDM-TP

GreenPowerCDM-TP 315W/T12/U/O GAV

Range of protected, high-efficiency, discharge lamps with a stable color over lifetime and a crisp, sparkling light to be used in open luminaires

Warnings and Safety

- Lamps may use electronic or electromagnetic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General Information	
Cap-Base	PGZX18. [PGZX18.]
Operating Position	UNIVERSAL [Any or Universal (U)]
Main Application	Agro
Life To 10% Failures (Nom)	12000 h
Life to 50% Failures (Nom)	20000 h
ANSI Code HID	C182/O
Features	Protected (P)

Light Technical	
Color Code	- [Not Specified]
Luminous Flux (Rated) (Min)	30000 lm
Luminous Flux (Rated) (Nom)	33000 lm
Color Designation	- [Not Specified]
Photosynthetic Photon Flux (PPF)	599 µmol/s
Chromaticity Coordinate X (Nom)	0.41

Chromaticity Coordinate Y (Nom)	0.365
Correlated Color Temperature (Nom)	3100 K
Luminous Efficacy (Rated) (Min)	95 lm/W
Luminous Efficacy (rated) (Nom)	104 lm/W
Color Rendering Index (Min)	-
Color Rendering Index (Nom)	92

Operating and Electrical	
Power (Nom)	315.9 W
Lamp Current Run-Up (Nom)	4.7 A
Ignition Supply Voltage (Max)	4000 V
Ignition Peak Voltage (Max)	4000 V
Ignition Supply Voltage (Min)	3000 V
Re-Ignition Time (Min) (Max)	10 min
Ignition Time (Max)	3 s
Voltage (Max)	115 V

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Voltage (Min)	90 V
Voltage (Nom)	98 V

Controls and Dimming

Run-Up Time 90% (Max)	3 min
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Mechanical and Housing

Bulb Finish	Clear
Overall Length (Max)	7.6 in
Bulb Shape	T12 [38 mm (T12)]

Approval and Application

Picogram Per Lumen Hour	44.4 pg/lm.h
Mercury (Hg) Content (Max)	28 mg
Energy Consumption kWh/1000 h	346 kWh

UV

Pet (Niosh) (Nom)	241 h/500lx
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Damage Factor D/fc (Nom)	0.17
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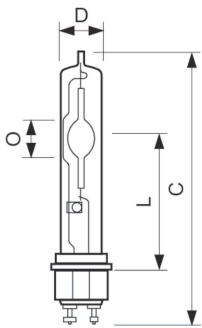
Luminaire Design Requirements

Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Nom)	250 °C
Pinch Temperature (Max)	350 °C

Product Data

Full product code	871869959215800
Order product name	GreenPowerCDM-TP 315W/T12/U/O GAV
EAN/UPC - Product	8718699592158
Order code	928493400030
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928493400030
Net Weight (Piece)	0.200 g

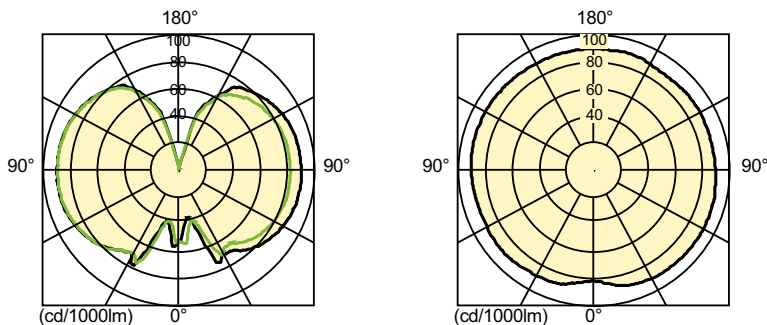
Dimensional drawing



CDM TMW 315W PGZX18. U Agro P

Product	D	D	C
GreenPowerCDM-TP 315W/T12/U/O GAV	1.5 in	38 mm	193 mm

Photometric data



LDLD_D-CDM-T_315W_930_--Light distribution diagram

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