



NEO

NEOCISION™

GROW LIGHTS

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Cultivation Technologies

NEOCISION

DUO MAX 1030

Neocision Duo Max 1030 fixtures feature excellent heat dissipation with a slim design, making them ideal horticultural top lights for greenhouse and indoor grow facilities. This light delivers a PPF exceeding 3100, more than 1.5 times the output of top quality 1000W double-ended HID greenhouse fixtures. The Duo Max also provides better light distribution and uniformity than single-bar LED greenhouse fixtures with less shade per watt.

FEATURES

- Tested efficacy of 3.10 $\mu\text{mol/J}$
- Wide Input Voltage 200~277Vac (Standard), 277-480Vac (Optional)
- Push & Lock Plugs at both AC and DC Side for Fast and Easy Installation
- IP 66 Rating for Increased Dust and Water Protection
- Industry-leading 7-year Warranty
- Custom Spectra up to 3600 PPF Available

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Technical Data Sheet

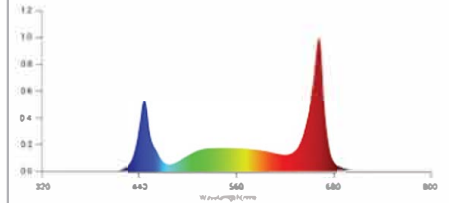
NEOCISION DUO MAX 1030

SKU NO: NDM-1030

PRODUCT NAME: DUO MAX 1030

SPECTRUM AND EFFICACY

PPF Efficacy:	3.10 (tested @ 240 VAC/1030 W AC)
Photon Flux (μmol/s) (400-700nm):	3193
Photon Flux Blue (μmol/s) (400-500nm):	607
Photon Flux Green (μmol/s) (500-600nm):	914
Photon Flux Red (μmol/s) (600-700nm):	1672
Total Blue/Red - Energy Bands:	2279
% Blue:	19.0%
% Green:	28.6%
% Red:	52.4%



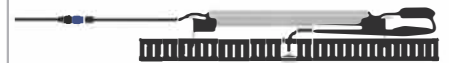
POWER

Power Consumption:	1030W AC
Driver:	Sosen
Power Factor:	>0.95
Surge Protection:	6 KV
208V:	5.21 A
240V:	4.52 A
277V:	3.91 A



DIMENSIONS AND LAYOUT

Fixture Size (driver mounted on the fixture):	(L) 30.9" x (W) 11.9" x (H) 5.5"
Net Weight (fixture and driver):	22.9 lbs.
Layout:	Dual luminaries can be split apart at custom distance between them for better uniformity in any grow environment



OTHER

Mounting Height:	≥ 36" above canopy
Light Distribution:	120°
Input Voltage:	200-277 VAC (standard), 277-480 VAC (optional)
Dimming:	0-10 V (100% to 10%, then off)
Dimming Cables:	Special dimming cables and connectors linkable to RJ cables
Standard Power Cord (Extensions available):	AWG 16, 6 Foot
Standard Plug:	240 VAC - NEMA 6-15P
Substitute Plugs (Upon request at order):	277 VAC, Pigtails
Adjustable Height Hanging Kit Included:	Yes
Fixture and Driver Warranty:	7 Years Limited
ETL Safety Certified*:	Conforms to ANSI/CAN/UL 8800 Conforms to UL 1598 Certified to CSA C22.2#250.0 *ETL Safety Certified No. 5020070
DLC Listed:	Yes



February 2023