



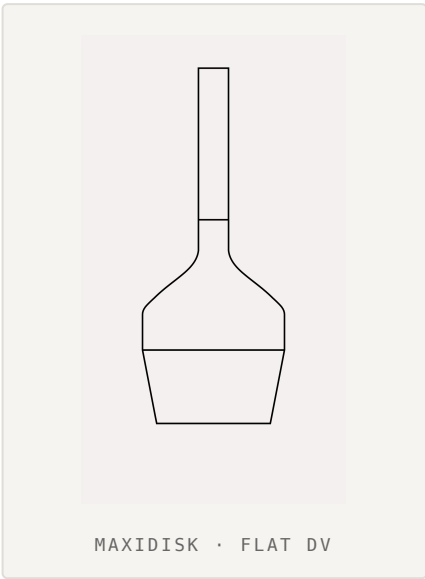
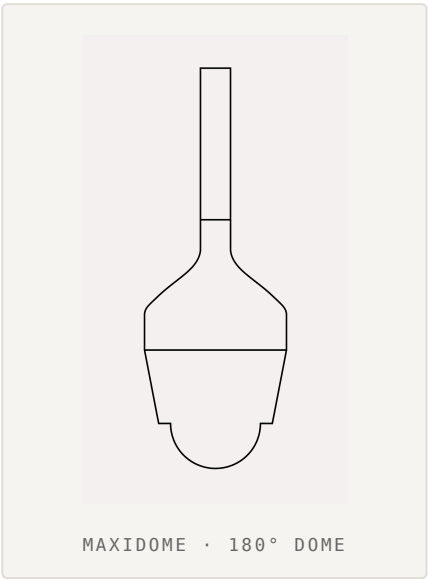
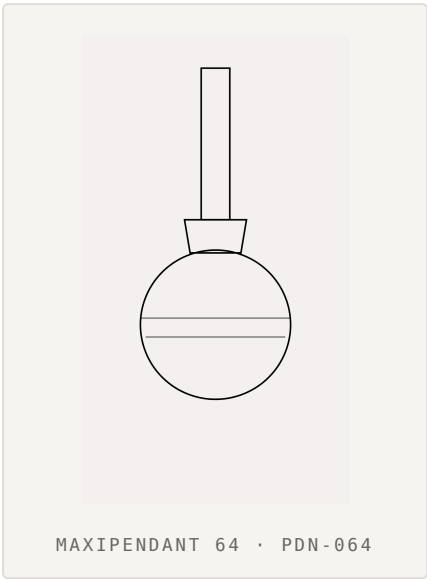
MAXILED PENDANT SERIES · 64 MM GLOBE · DOME · DISK

MaxiLED PENDANT Series

64 mm Globe / DOME / DISK

Three addressable pendant heads on one suspension system and one control platform. The 64 mm globe is the contemporary minimal silhouette; MaxiDOME closes the MaxiDOT head with a 180° dome lens for a wide soft wash; MaxiDISK uses a flat Direct View lens that reads as a crisp lit disc. All three mount on the same base plate and hollow support rod, and all three run full DMX 512 control on the patented MaxiLINK 2-core cable — the same wiring as a static install.

- IP68 GLOBE
 - IP67 DOME / DISK
- 48 VDC SELV
- DMX 512 · MAXILINK
- RGBW · INT. WHITE
- BASE PLATE + ROD



WATTAGE

2.4 – 4.8 W
by head

SOURCE FLUX

25 – 250 lm
by head & optic

MAX PER RUN

50 – 100
fixtures · 100 m

CONTROL

DMX 512
MaxiLINK 2-core

SPECIFICATIONS · THREE HEADS COMPARED

Quick specifications.

	MAXIPENDANT 64	MAXIDOME	MAXIDISK
PRODUCT CODE	PDN-064	PDN-060-DOM	PDN-060-DSK
HEAD	63 mm globe	Ø 60 mm · 180° dome	Ø 60 mm · flat Direct View
WATTAGE PER UNIT	2.4 W	4.8 W	4.8 W
LED CURRENT	100 mA	200 mA	200 mA
COLOUR SYSTEM	DMX 512 RGBW	RGBW · Intelligent White	RGBW · Intelligent White
SOURCE FLUX	25 lm frosted 80 lm clear	150 lm RGBW clear 250 lm Int. White	150 lm RGBW clear 250 lm Int. White
LUMEN MAINTENANCE	70,000 hrs (L85)	70,000 hrs (L85)	70,000 hrs (L85)
MAX FIXTURES PER RUN	100 units	50 units	50 units
MAX RUN LENGTH	100 m (328 ft) on 1.5 mm ²	100 m (330 ft) on 1.5 mm ²	100 m (330 ft) on 1.5 mm ²
IP RATING	IP68 (globe)	IP67	IP67
IMPACT PROTECTION	IK07	IK07	IK07
OPERATING TEMP	-25 to +50 °C	-25 to +50 °C	-25 to +50 °C
CERTIFICATIONS	UL · cUL · CE	pending — see p.3	pending — see p.3
WARRANTY	5 years	5 years	5 years

MAXILINK PLATFORM — COMMON TO ALL THREE

POWER INPUT	48 VDC MaxiLINK · from 240/110 V transformer
ARCHITECTURE	2-core Data over Power
REFRESH RATE	DMX 44 Hz
LEADER (1.5 MM ²)	15 m (49 ft)
LEADER (2.5 MM ²)	75 m (246 ft)
TERMINATION	ELR on last fixture
MAXILINK DIAGNOSTICS	Over-current · thermal · polarity · data OK · power OK
INSTALLATION	Qualified electrician required

OVERVIEW

The Pendant Series is a single suspension and control system carrying three interchangeable heads. A patented 2-wire DMX-over-power architecture (MaxiLINK) makes the DMX install as simple as a static wire run — no signal cable, no repeaters. Drivers and controllers can be housed up to 75 m from the fittings.

The **64 mm globe** is the IP68 outdoor head for hospitality canopies, hotel courtyards and urban terraces. **MaxiDOME** and **MaxiDISK** carry the MaxiDOT head on the same rod and canopy — the dome for a wide 180° wash, the flat Direct View lens for a graphic lit disc over bars, counters and reception desks.

— MOUNTING · MATERIALS · OPEN ITEMS

Mounting, materials and compliance.

MOUNTING — COMMON TO ALL THREE	MAXIPENDANT 64	MAXIDOME · MAXIDISK
SYSTEM	Base plate + hollow support rod · 1 m standard, bespoke to requirement	
ROD / ADAPTER Ø	26 mm adapter collar	12.70 mm stem
TRACK	Compatible with most track adapters — confirm architecture with MaxiLED	
FINISH	Black standard · other finishes on request	

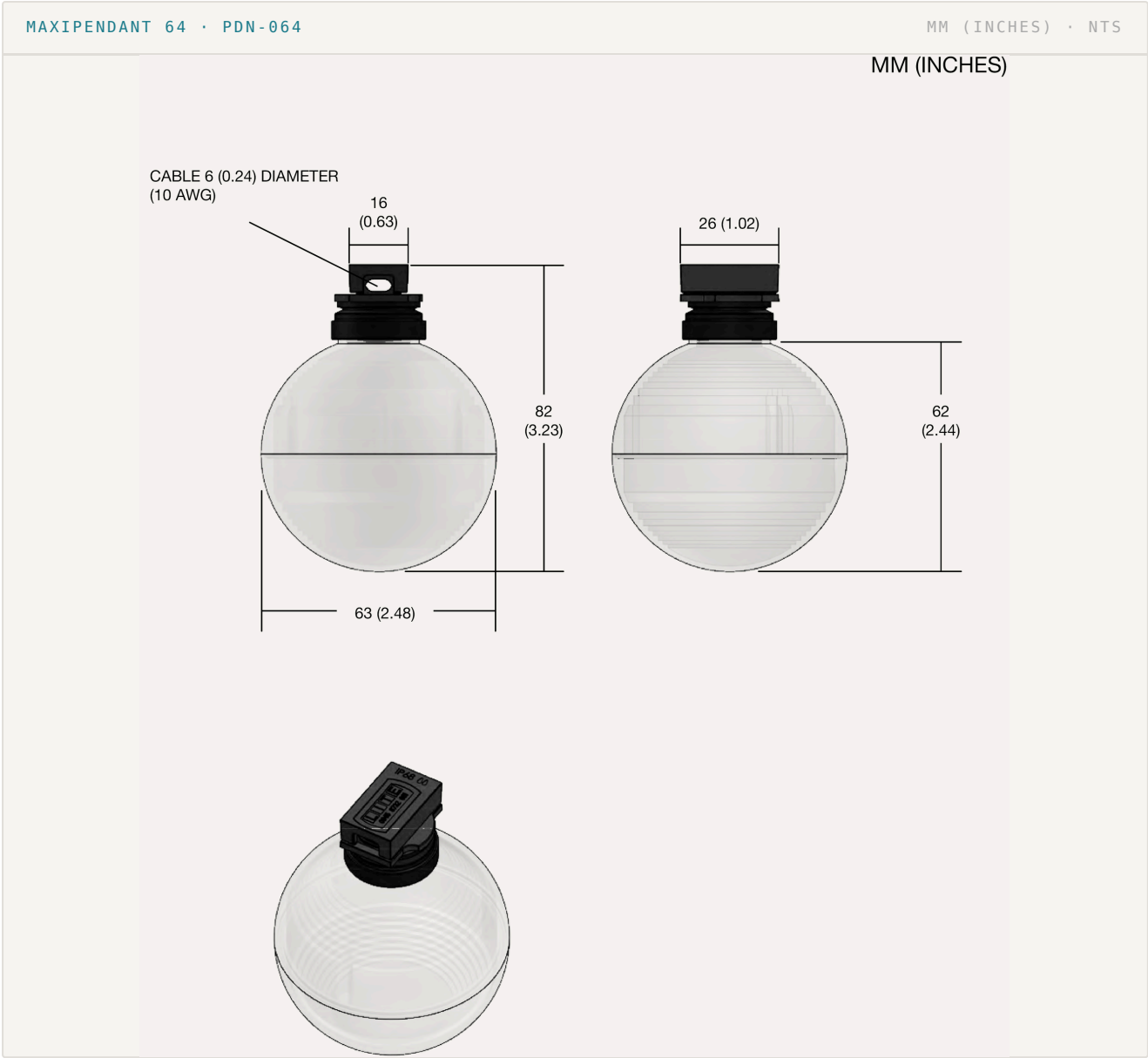
	MAXIPENDANT 64	MAXIDOME · MAXIDISK
HEAD MATERIAL	UV-stabilised polycarbonate	UV-stabilised polycarbonate
DROP CABLE	Ø 6 mm (10 AWG heavy-gauge)	Routed inside the support rod
CABLE COLOURS	Black (std) · White / RAL (min. order)	Black (std)
CERTIFICATIONS	UL · cUL · CE	<i>pending UKCA documentation</i>
WARRANTY	5 years	5 years

MAXIDOME & MAXIDISK — OPEN ITEMS, NOT PUBLISHED
— Certifications. The MaxiDOT cULus · UKCA · CE approvals extend to the pendant assembly, but internally tested only; the new product names must be added to the UKCA documentation before any mark is declared. — Flat lens recess — diameter and depth for the MaxiDISK. — Photometry with the final lens.

Method. Every figure in this document is a value confirmed against a released MaxiLED datasheet or the MaxiDOT Pendant drawing. Items still open are listed above and are deliberately left out of the specification tables rather than shown provisionally.

— DIMENSIONS · PHYSICAL ENVELOPE

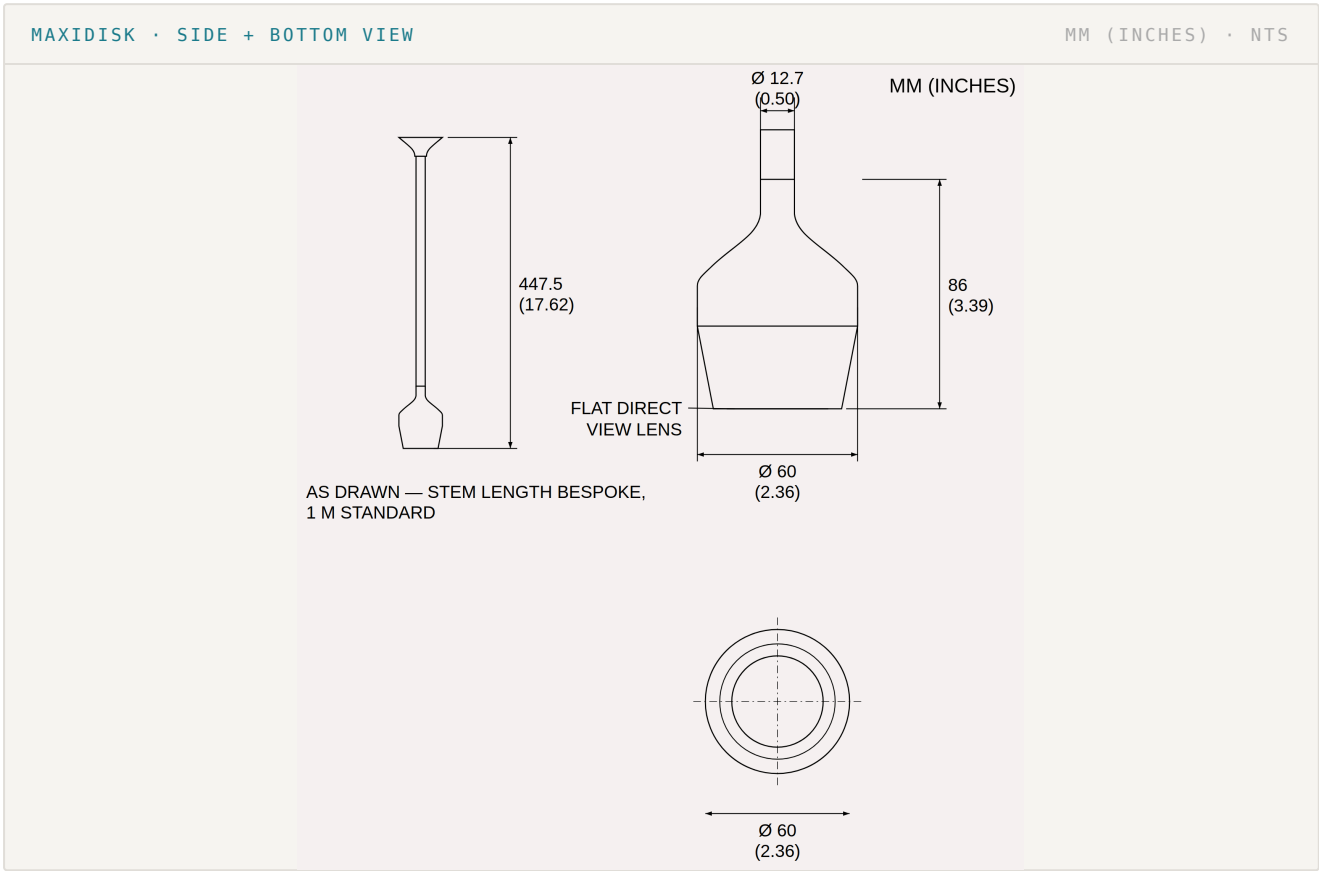
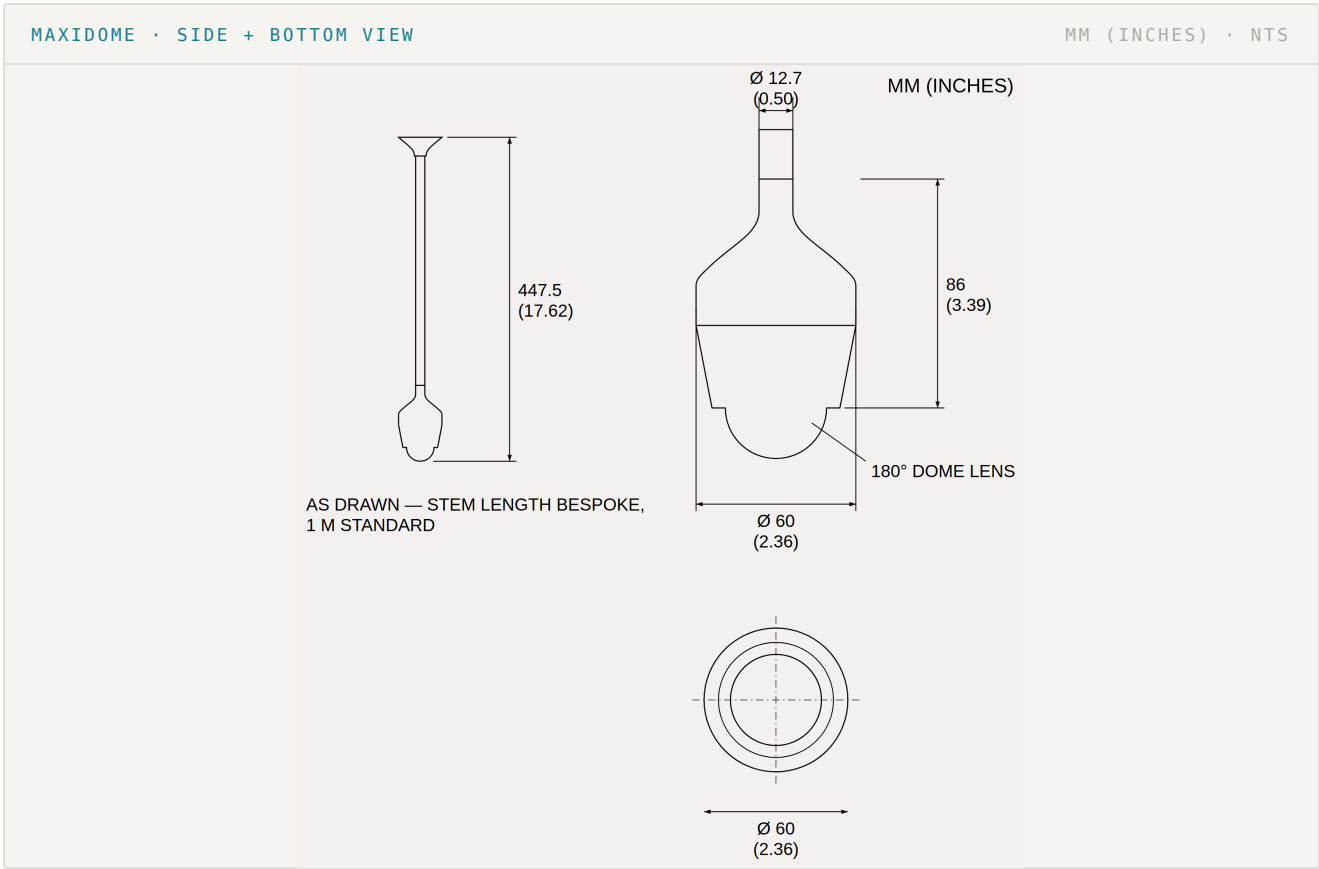
Dimensions and physical envelope.



HEAD	PRODUCT CODE	HEAD Ø	HEAD HEIGHT	ROD / ADAPTER Ø
MaxiPENDANT 64	PDN-064	63 mm (2.48")	82 mm (3.23")	26 mm (1.02")
MaxiDOME	PDN-060-DOM	60 mm (2.36")	86 mm (3.39")	12.70 mm (0.50")
MaxiDISK	PDN-060-DSK	60 mm (2.36")	86 mm (3.39")	12.70 mm (0.50")

Note. Drawings are not to scale. Confirm mounting cutout and clearance against the physical fixture before finalising fabrication drawings.

DIMENSIONS · DOME AND DISK HEADS



Note. The 447.5 mm overall height is the configuration as drawn. Rod length, canopy dimensions and cable termination are made to order — 1 m is the standard price-list length.

— INSTALLATION · STEP BY STEP

Installation procedure.

ALL THREE HEADS · INSTALLATION FIGURES

4 STEPS · NTS

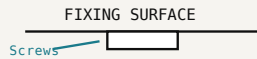


Figure 1
Fix base plate

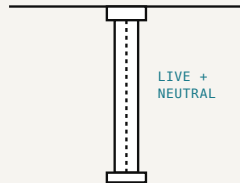


Figure 2
Route cable · insert rod

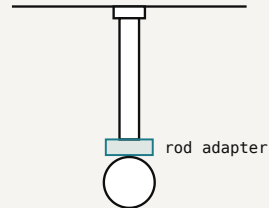


Figure 3
Attach head · secure collar

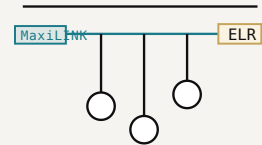


Figure 4
MaxiLINK run · ELR

01 Fix the base plate. Locate the mounting position on the fixing surface (ceiling, soffit, track adaptor or catenary rail). Secure the base plate with two supplied stainless-steel screws sized to the substrate. Confirm pull-out load for the fixture assembly weight. On a track adaptor, confirm the electrical architecture with MaxiLED first — most installed track runs at 240 VAC.

02 Insert the hollow support rod. Slide the rod into the base-plate collar and thread the 2-core MaxiLINK cable (48 VDC + DMX 512) inside the rod. Route both LIVE + NEUTRAL conductors from the base junction down through the hollow tube — no exposed conductors, no penetration of the rod wall.

Rod diameters differ by head. The 64 mm globe uses the Ø 26 mm adapter collar; MaxiDOME and MaxiDISK use the Ø 12.70 mm stem. The base plate and the routing procedure are the same.

— INSTALLATION · CONTINUED

Installation procedure.

03

Attach the head. Fit the adapter collar onto the bottom of the rod — Ø 26 mm for the 64 mm globe, Ø 12.70 mm stem termination for MaxiDOME and MaxiDISK. Screw the head onto the adapter until the O-ring seals against the collar face. Confirm the head is finger-tight plus a quarter turn — do not over-torque.

04

Connect MaxiLINK · terminate with ELR. Connect the 2-core to the MaxiLINK 48 VDC + DMX 512 supply — polarity-independent, DMX 512 addressed automatically. Install an **ELR (End-of-Line Resistor)** on the last fixture of each run to terminate the DMX bus. **Qualified electrician required.**

Note. Installation must be carried out by a qualified electrician per local electrical and construction codes.

Mixing heads on one run. Globe, dome and disk share the same MaxiLINK bus and can sit on the same run. Size the run to the most demanding head: a run carrying any MaxiDOME or MaxiDISK fixture is limited to **50 fixtures**, not 100, because each draws 4.8 W against the globe's 2.4 W.

— ORDER CODES · BUILD THE SKU

Order codes — specify by segment.

PDN-064 CONFIGURATOR — MAXIPENDANT 64 MM GLOBE

01 PRODUCT	02 LED	03 CABLE COLOUR	04 MOUNTING	05 DROP LENGTH
MaxiLED PENDANT 64 PDN-064	Frosted RGBW-F Clear RGBW-C	Black BLK White WHT RAL RAL	Track TRK Base + rod ROD Catenary CAT	1 m 1000 1.5 m 1500 2 m 2000 Custom CUS

ORDER-CODE EXAMPLES

PDN-064-RGBW-F-BLK-TRK-1000
MaxiPENDANT 64, frosted RGBW, black cable, track adaptor, 1 m drop

PDN-064-RGBW-C-BLK-ROD-1500
MaxiPENDANT 64, clear RGBW, black cable, base plate + hollow rod, 1.5 m drop

PDN-060 CONFIGURATOR — MAXIDOME · MAXIDISK

01 PRODUCT	02 LED	03 CABLE COLOUR	04 MOUNTING	05 STEM LENGTH
MaxiDOME PDN-060-DOM MaxiDISK PDN-060-DSK	DMX RGBW RGBW Intelligent White IWH	Black BLK White WHT RAL RAL	Base + rod ROD Track TRK	1 m 1000 1.5 m 1500 2 m 2000 Custom CUS

ORDER-CODE EXAMPLES

PDN-060-DOM-RGBW-BLK-ROD-1000
MaxiDOME, DMX RGBW, black cable, base plate + rod, 1 m stem

PDN-060-DSK-IWH-BLK-ROD-CUS
MaxiDISK, Intelligent White, black cable, base plate + rod, custom stem length

Note. Cable drop lengths, stem lengths, canopy dimensions and fixture-to-fixture spacings are made-to-order (factory-fitted) — 1 m is the standard price-list stem length. Provide the required lengths and run spacing on order confirmation. ELR required on the last fixture of each DMX run. Custom colours (RAL) available on minimum-order quantities.