

MACRO CROSS™ - SUSPENDED

Project Name:

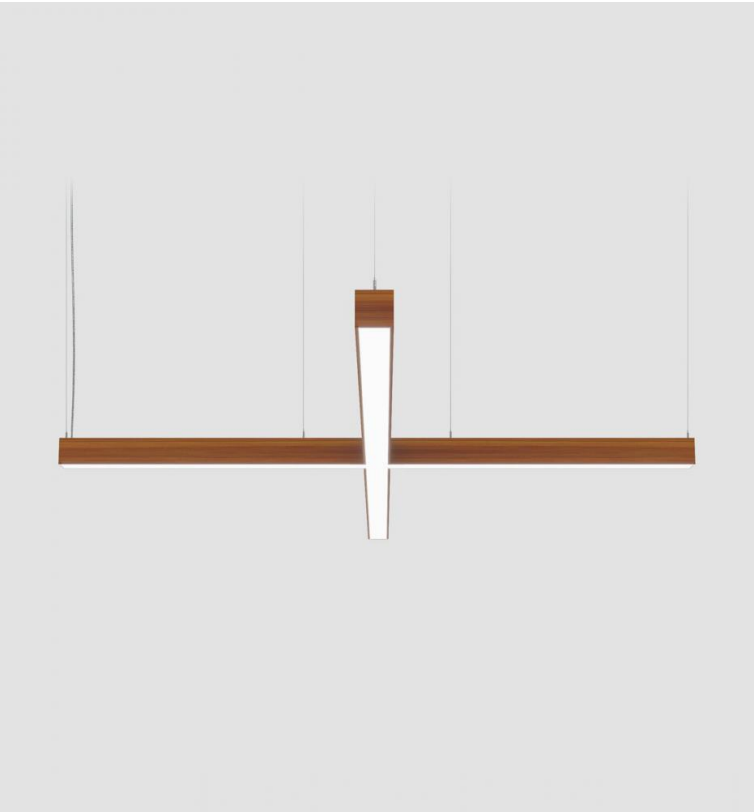
Fixture Type:

Fixture Code:

Quantities:



MACRO CROSS™ - SUSPENDED



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The robust 4" linear profile takes the form of a cross, with dimensions ranging from 30" to 85" in length and width. Excellent light performance makes **MACRO CROSS** ideal for general illumination at standard ceiling heights. An indirect light option is available with either a clear or opal diffuser. Available in 3 neutral finishes, White, Black, and Silver Metallic; as well as 2 wood grain finishes Light Cherry and Dark Walnut. Three color temperatures are available plus monochromatic red, green, and blue. MACRO CROSS can integrate with your data network via Power over Ethernet.

GENERAL SPECIFICATION

Body and trim

Steel and aluminum.

Finish

Polyester powder coated. Canopy finishes as specified except for wood grain finishes where the canopy will be supplied white.

Integral emergency system

Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The self contained system includes the inverter module, NiCad batteries, LED charge indicator and test switch (NA only). Not available with a 347V supply.

PoE

Macro Cross can integrate into your data network via Power over Ethernet (PoE) connectivity.

Mechanical

Luminaires mount directly over J box (by others - North America only).

Sensors

Consult factory regarding sensor compatibility.

Approvals

Damp Rated.

Power cable

Silver braided.

Drivers

Integral, HPF electronic drivers for 120-277V (EU-240V). The driver is integral to the fixture housing.

Suspension

Stainless steel cables. Recommended minimum distance from ceiling: 305mm/12" for white LEDs and 610mm/24" for colored LEDs (only for direct/indirect).

Diffusers

Opal polycarbonate, supplied in sections.

Delivered lumens

Delivered lumens & LPW based on 4000K (min 80 CRI) for white LEDs only.

Reported L70 @25°C (77°F)

> 60,000 hrs.

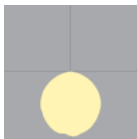
MOUNTING & OPTICS



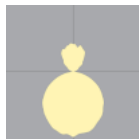
Suspended Direct



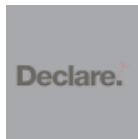
Suspended Direct/Indirect



Direct



Direct-indirect



Declare



PoE



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HOW TO ORDER

A. LUMINAIRE

AB0 30", Direct, 5910 lms

AB1 43", Direct, 8778 lms

AB2 57", Direct, 11693 lms

AB3 71", Direct, 14777 lms

AB4 85", Direct, 17732 lms

AB5 30", Direct/Indirect, 7860 lms

AB6 43", Direct/Indirect, 11678 lms

AB7 57", Direct/Indirect, 14716 lms

AB8 71", Direct/Indirect, 20882 lms

AB9 85", Direct/Indirect, 23578 lms

B. CCT/COLOR (DIRECT)

J2 3000K (min 80 CRI)

J3 3500K (min 80 CRI)

J4 4000K (min 80 CRI)

J7 Red

J8 Green

J9 Blue

C. CCT/COLOR (INDIRECT)

K0 Indirect CCT not required

K2 3000K (min 80 CRI)

K3 3500K (min 80 CRI)

K4 4000K (min 80 CRI)

K7 Red

K8 Green

K9 Blue

D. UPLIGHT DIFFUSER

U0 Uplight diffuser not required

U1 Clear diffuser

U2 Opal diffuser

Uplight diffuser required for direct/indirect fixtures only.

E. DIMMING

D1 0-10V Dimming (1.0%)

D2 0-10V Dimming (0.1%)

D3 347V, 0-10V Dimming (1.0%)

D4 DALI Dimming (0.1%)

D5 DALI Dimming (1.0%)

D6 DSI (EU only)

D7 switchDim (EU only)

DA45 PoE

D6 & D7 options not available in North America.

DA45 must be used with EV only.

F. FINISH

F1 White

F2 Black Metallic Textured

F20 Silver Metallic Textured

F27 Wood grain - Light Cherry ¹

F28 Wood grain - Dark Walnut ¹

¹ Longer than normal lead times may apply, consult factory.

G. LUMEN OUTPUT

L0 100% of standard output

L1 Lumen & Wattage Reduction to approximately 75% of standard output

L2 Lumen & Wattage Reduction to approximately 50% of standard output

L3 Lumen & Wattage Reduction to approximately 25% of standard output

Custom reduction percentages available upon request

H. EMERGENCY

E0 Emergency system not required

E1 Emergency System - Integral (direct illumination only, not available with 347V)

I. CONTROLS

C0 Controls not required

C1 Encelium/Zigbee control

J. SWITCHING

W0 Single circuit

W1 Separate switching



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K. OPTIONAL LOW VOLTAGE

EV Low Voltage

To be used with DA45 only.



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TECHNICAL DATA

LUMINAIRE

Code	AB0	AB1	AB2	AB3	AB4	AB5
Size	30"	43"	57"	71"	85"	30"
Wattage	57W	84W	112W	142W	170W	75W
Light Direction	Direct	Direct	Direct	Direct	Direct	Direct/Indirect
Delivered lms	5910	8778	11693	14777	17732	7860
LPW	104	105	105	105	105	105
Suspension Points	4	4	5	5	5	4

Code	AB6	AB7	AB8	AB9
Size	43"	57"	71"	85"
Wattage	111W	140W	199W	224W
Light Direction	Direct/Indirect	Direct/Indirect	Direct/Indirect	Direct/Indirect
Delivered lms	11678	14716	20882	23578
LPW	105	105	105	105
Suspension Points	4	5	5	5

FINISH



White Black Metallic Textured Silver Metallic Textured Wood grain - Light Cherry ¹ Wood grain - Dark Walnut ¹

¹ Longer than normal lead times may apply, consult factory.

APPROVALS



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DIMENSIONAL DIAGRAMS

