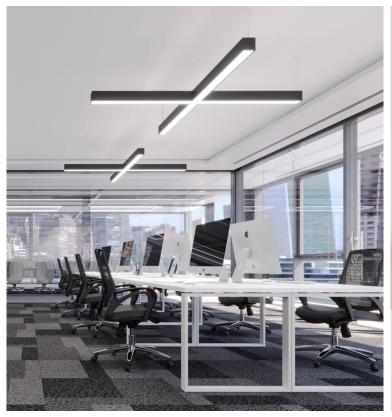
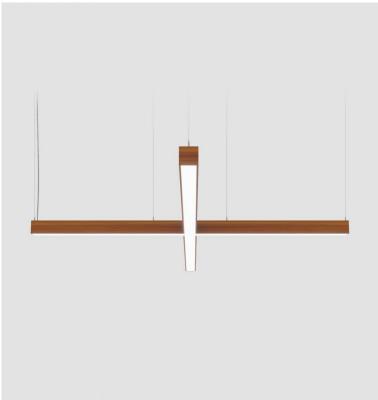
Project Name: Fixture Type:

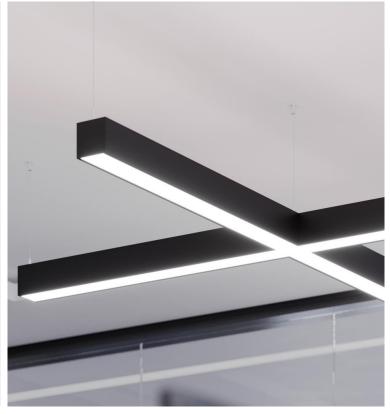
Fixture Code: Quantities:











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.

MOUNTING & OPTICS





Suspended Direct Suspended Direct/Indirect











PoE

Declare

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.



HOW TO ORDER

A. LUMINAIRE

ABO 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)

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

LO 100% of standard output

approximately 75% of standard output approximately 50% of standard output approximately 25% of standard output

L2 Lumen & Wattage Reduction to

Custom reduction percentages available upon request

H. EMERGENCY

E0 Emergency System not required **E1** Emergency System - Integral (direct

illumination only, not available with

L1 Lumen & Wattage Reduction to

347V)

I. CONTROLS

CO Controls not required **C1** Encelium/Zigbee control

J. SWITCHING

W0 Single circuit **W1** Separate switching

L3 Lumen & Wattage Reduction to

K. OPTIONAL LOW VOLTAGE

EV Low Voltage

To be used with DA45 only.

TECHNICAL DATA

LUMINAIRE

Code	ABO	AB1	AB2	АВЗ	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 Ims	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		
Code Size	AB6 43"	AB7 57"	AB8 71"	AB9 85"		
Size	43"	57"	71"	85"		
Size Wattage	43" 111W	57" 140W	71" 199W	85" 224W		
Size Wattage Light Direction	43" 111W Direct/Indirect	57" 140W Direct/Indirect	71" 199W Direct/Indirect	85" 224W Direct/Indirect		

FINISH



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

APPROVALS













DIMENSIONAL DIAGRAMS

