

# Micro-Pendant



## ELECTRICAL

ETL listed with Universal AC input 100 to 277 V, 50/60 Hz. .35 Amps limited inrush current allows up to thirty-two fixtures on a 20 Amp circuit. Quiescent power is less than a Watt with fixture powered on and DMX at level zero. The LED driver has a 320,000 hour mean time between failures.

## DIMMING CONTROL

Extremely smooth DMX controlled analog dimming all the way to zero output level. 32 bit processing produces no flicker to the eye or video. 4 or 5 channel DMX controlled. 4 channel 8 bit (Intensity-R-G-B) or 5 channel 16 bit, (Intensity-Intensity-R-G-B). DMX input is fully isolated to 2500 Volts per microsecond. Internal display for setting parameters and DMX addresses. The DMX controller is RDM enabled for address and mode setting, as well as for monitoring internal temperatures. White only fixtures have one control channel and three rotary switches to set the DMX address with no display.

## LED MODULE

The LEDs are carefully selected to maintain minimal color variance from fixture to fixture. White light is produced by 13 dedicated white LEDs which produce a pleasing full spectrum light output. RGBW modules have 13 LEDs per color. All LED modules are made with a solid copper substrate for rapid heat transfer and are manufactured in our facility. Extensive production testing ensures over 105,000 hour life to L70. No appreciable IR or UV is produced by the LED module. The LED Module is field replaceable utilizing normal hand tools.

## OPTICAL

Patent pending, single source LED array emulates the look and feel of an incandescent fixture. 2.5" diameter acrylic lens produces an extremely smooth 92 or 55 degree light beam. The beam center intensity value spreads evenly to the edge of the beam with a small field, producing low glare.

## THERMAL

Incredible thermal management keeps the LEDs cool, providing increased brightness and Lumen maintenance. Maximum heat exchange utilizing the cylinder as a convection-cooled aluminum heat sink. Silent operation with no fans to generate noise. Maximum ambient operating temperature is 122 degrees F (50 degrees C).

## WARRANTY

10 year parts replacement on complete LED fixture and electronics. Ship the LED fixture to the factory freight prepaid. The LED fixture will be repaired or replaced at the factory's option, and returned freight prepaid. Fixture repair parts may also be sent for qualified repairs onsite.

Damage from improper wiring, installation, and lightning are excluded from warranty repair.

## AGENCY RATINGS

ETL listed in US and Canada

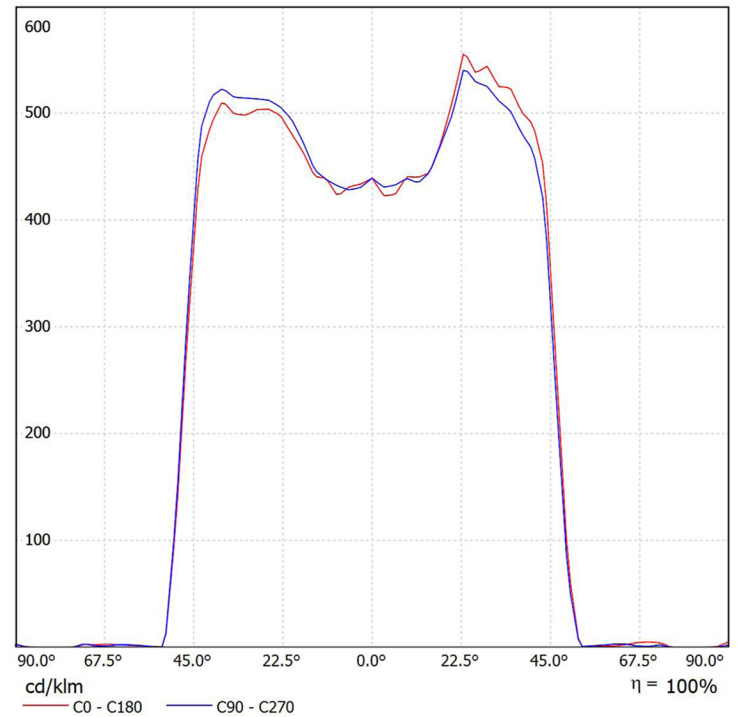
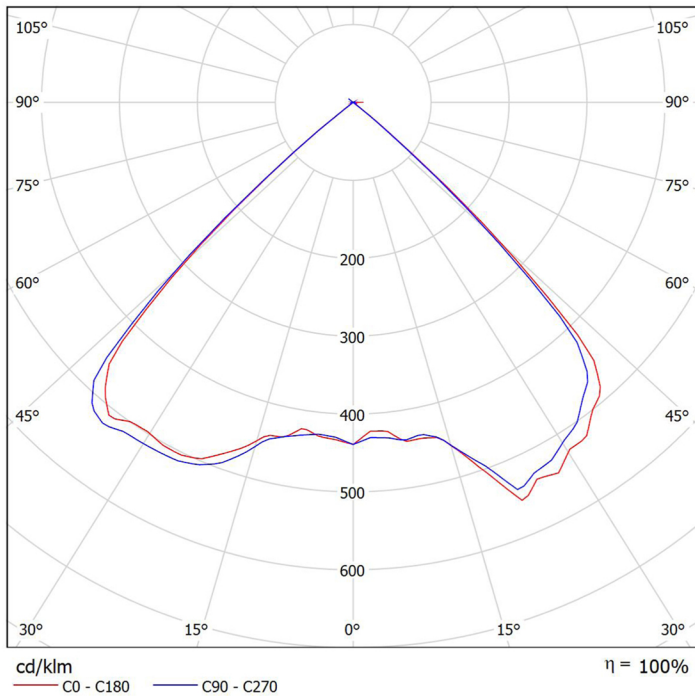


## Catalog Number Example: MICP 40B90-30CXC-RGB

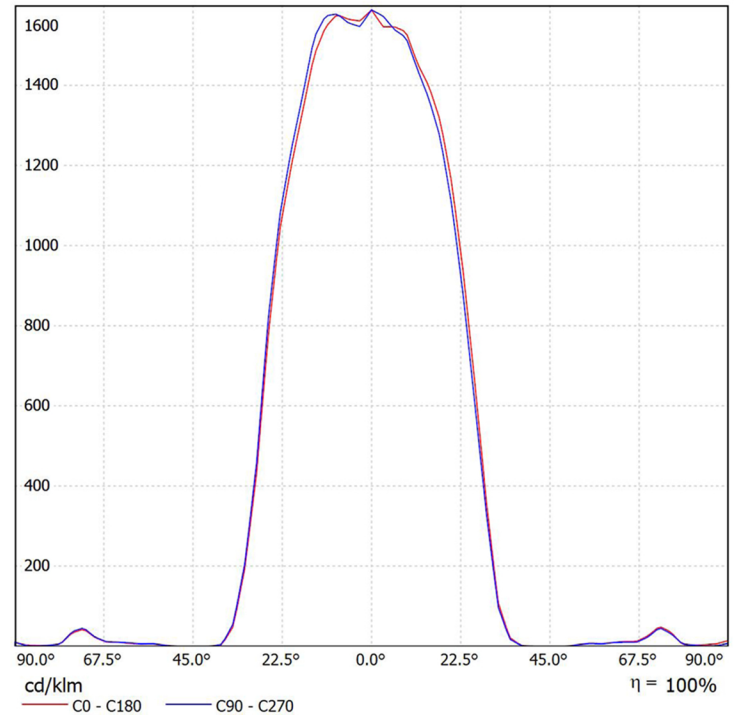
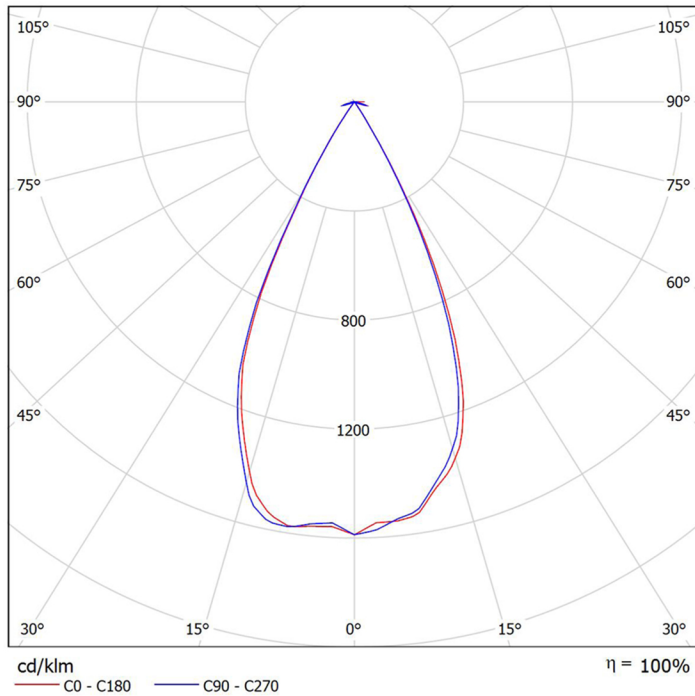
FIXTURE SERIES	INPUT WATTAGE	FINISH	OPTICAL BEAM ANGLE	-	LED COLOR TEMPERATURE
MICP Micro-Pendant	40	B Matte Black Powder Coat	90 92° 2.5" diameter lens	27	2700 Kelvin
		BG Semi-Gloss Black Powder Coat	50 55° 2.5" diameter lens	30	3000 Kelvin
		C Custom RAL Color		35	3500 Kelvin
		W Semi-Gloss White Powder Coat		40	4000 Kelvin
				50	5000 Kelvin
		WM Matte White Powder Coat		56	5600 Kelvin
				60	6000 Kelvin

POWER CONNECTION	DATA CONNECTION	FIXTURE SUPPORT METHOD	-	LED Module
C Conduit into fixture 100V to 277V	D DivCon System	C 1/2" Rigid Conduit	(Blank)	White LEDs
D DivCon System 100V to 277V	I IDC Plug on Header	D DivCon System	RGB	RGB-W
P Panel Mount Powercon 100V to 250V	J External RJ-45's	K 3/32" to 1/8" Wire Rope		
R 1/2" Romex cable clamp 100V to 277V	N Non Dimming Fixture - No Data	M Mega-Clamp		
W 18/3 SJO 72" wire whip 100V to 277V	T Screw Terminal Plug on Header	P Purlin Clamp		
	W Wireless Lumen Radio Control	U 1/2" Threaded Rod		
	X External 5 Pin XLR's	V 3/8" Threaded Rod		
	Z External 3 Pin XLR's			

## MICRO-PENDANT PHOTOMETRICS



### 90-92° Beam Spread



### 50-55° Beam Spread

Micro Photometrics			Beam Angle	Field Angle	Distance to Diameter	Candela	Footcandles - Distance and beam diameters in feet											
Beam Spread	CRI	Lumens					Distance - Feet	2	4	6	8	10	12	14	16	18	20	
90 Degree	81	2152	92.2	102	2.075	1,021	Footcandles	255.3	63.8	28.4	16.0	10.2	7.1	5.2	4.0	3.2	2.6	
							Diameter - Feet	4.2	8.3	12.5	16.6	20.8	24.9	29.1	33.2	37.4	41.5	
50 Degree	81	2153	55	69	1.05	2,916	Footcandles	729.0	182.3	81.0	45.6	29.2	20.3	14.9	11.4	9.0	7.3	
							Diameter - Feet	2.1	4.2	6.3	8.4	10.5	12.6	14.7	16.8	18.9	21.0	