



Manufactured in the USA - IBEW



CELESTE Recessed

SPECIFICATION SHEET

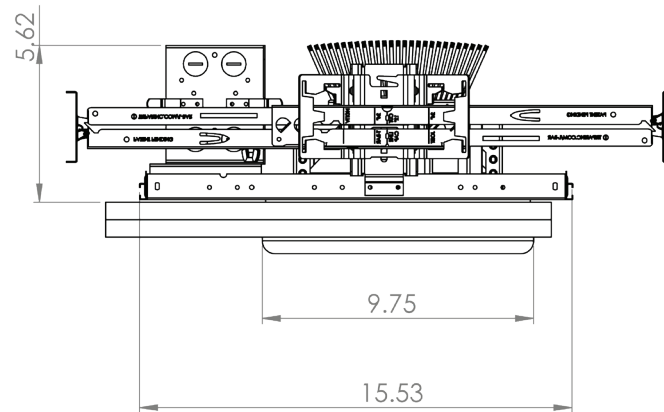
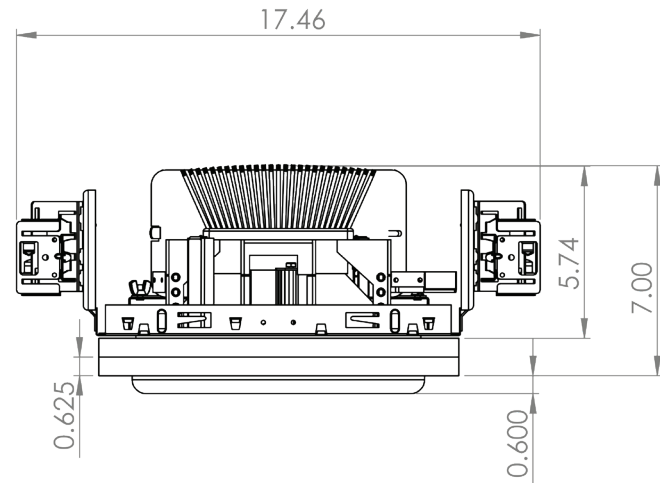


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The Celeste Recessed is a customizable high-output recessed luminaire. Emphasizing deep dimming and efficacy, it features multiple control options and pairs seamlessly with the Celeste pendant. The single point source LED array has multiple beam angles available, and can be customized with accessories.

The Celeste is designed, built and assembled in our New York factory.

CELESTE RECESSED LOW PROFILE



Construction

- Galvanized Steel, aluminum heat sink, molded plastic trim ring
- Internal accessory holder allows for up to (2) accessories.
- Recessed or Retrofit

Electrical

- 81 Watts Max
- Power Input: Universal (120-277V)

Warranty

- 5-year limited warranty
- UL Listed Product

LED

- Dims to 0.01%
- 2700K, 3000K, 3500K, 4000K, or 5000K
- CRI: 80 Standard or 92 Optional
- Beam Angle: 12°, 19°, 33° or 55°. For wider angles, use spread lens accessory

Module	Total Wattage	Lumen Package	Efficacy (Lm/W)	CRI
80	81.5	11,650	120	80
80	68	9595	125	80
80	54	7780	135	80

* Specification sheets are subject to change without notice.

Enhanced DMX/RDM Features for Non Color Mixing Fixtures

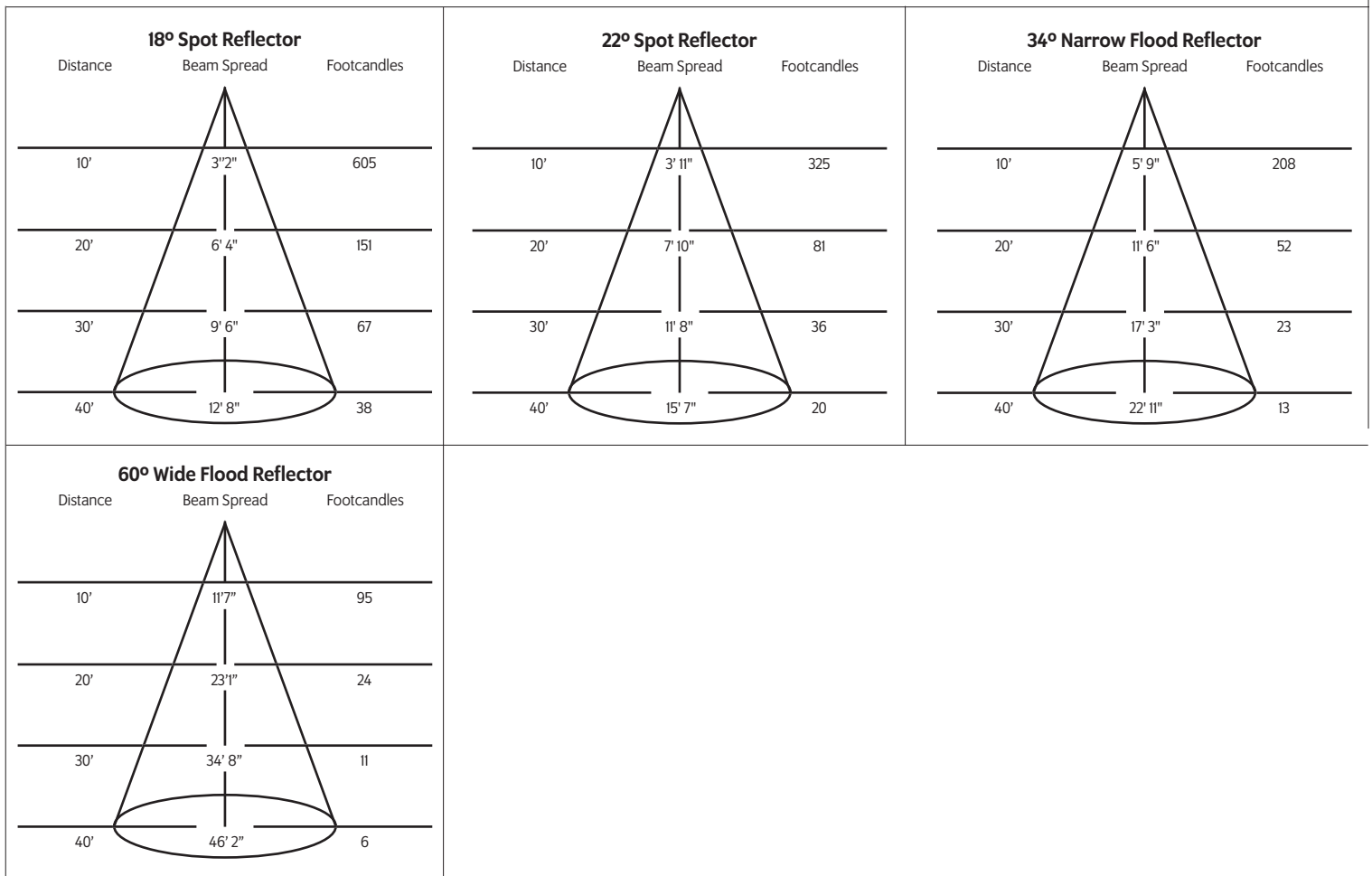
- Available with RJ45 and terminal block for hardwiring DMX/RDM in/out.
- Push button addressing.
- Digital readout screen only activates when programming
- Master/Slave (local control) mode.
- Linear or logarithmic dimming curve.
- Failure mode - choice of Fail ON or Fail OFF or any desired setting in-between.
- Integral 120 ohm Terminating Resistance can be turned on or off via on board controls

Basic DMX/RDM Features for Non Color Mixing Fixtures

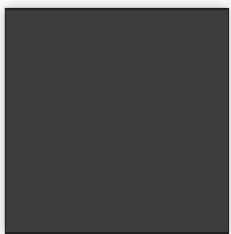
- Available with RJ45 and terminal block for hardwiring DMX/RDM in/out.
- Addressing done at factory before delivery or in-field with an RDM Controller.
- Logarithmic dimming curve.
- Failure mode - Fail ON

Photometric Data

NOTE: Applies only to the CELESTE 81.5 Watt Unit.



Custom Colors



Black



White



Silver

Accessories

PTDXE	Programming tool for DMX Enhanced Fixtures
LV##	Louver
GF##-600	5°x50° Linear Lens
GF##-601	Beam Softener
GF##-673	50°x50° Spread Lens

HOW TO SPECIFY:

MODEL	WATTAGE	LED MODULE
CELR = Recessed Celeste	81 = 81-Watts 68 = 68-Watts 54 = 54-Watts	80 = 80 CRI 92 = 92 CRI

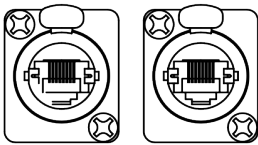
COLOR TEMPERATURE	FINISH	OPTICS
27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	B = Black W = White S = Silver CC = Custom Color	12 = 12° 19 = 19° 33 = 33° 55 = 55°

MOUNTING	DIMMING	CONTROL / DMX CONNECTOR
NC = New Construction RF = Retrofit SCA = Sloped Ceiling Adapter	TE = Trailing Edge LE = Leading Edge RACK = Theatre (81W Only) 010 = 0-10V ND = Non-Dimming D/O = 0-10V Dim to Off (81W Only) DXB = DMX / RDM Basic DX = DMX / RDM Enhanced ECO = Lutron Ecosystem	T = Terminal Block E = RJ45 Ethernet (Ethercon)

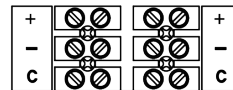
EXAMPLE: CELR-81-92-35-W-19-NC-DXB-T

MODEL	WATTAGE	LED MODULE	COLOR TEMPERATURE*	FINISH	OPTICS	MOUNTING	DIMMING	DMX	ACCESSORIES

CONNECTOR TYPES:



DXE - RJ45 ETHERNET
(ETHERCON)



DXT TERMINAL BLOCK

Notes on Dimming:

- **TE** This means the fixture will work on *MOST* quality Trailing Edge dimmers. These dimmer types are also known as Reverse Phase or Electronic Low Voltage (ELV), and are available as wall mount and rack mount modules.
- **LE** This means the fixture will work on *MOST* quality Leading Edge dimmers. These dimmer types are also known as Forward Phase, Incandescent, Halogen or Triac, and are available as wall mount and rack mount modules.
- **0-10** This means the fixture will work on *MOST* quality 0-10V or 1-10V dimmers. These dimmer types are also known as Fluorescent, and are available as wall mount and rack mount modules.
- **RACK** Specifically designed to work with theatrical style rack mount leading edge dimmers manufactured by ETC, LePrecon and Elation.

It is impractical to test every fixture type with every dimmer type, and some combinations work better than others, while some not at all.

It is advisable to pretest a particular fixture with an intended dimmer beforehand to insure that the combination will work as expected.

Most if not all dimmers have a maximum LED load that can be applied, often as little as 10% of its nominally rated value.

Dimming LEDs can actually extend their life expectancy, and will not affect the color temperature or CRI.

0/10 = 0-10V standard will dim to approximately 40%

D/0 = 0-10V that will dim to off

NOTE: All 0-10V dimming options must be provided with a 5 wire whip for power and control or a 3 wire whip for power and a terminal block on the fixture top for control.

DX3 = 3PIN XLR In - Out (Mounted on fixture top) (for DMX/RDM)

DX5 = 5PIN XLR In - Out (Mounted on fixture top)

DXT = Terminal Block In - Out (Mounted on fixture top) (for DMX/RDM and 0-10)

DXE = RJ45 Ethernet (Ethercon) (Mounted on fixture top) (for DMX/RDM and 0-10)

DXTC = Terminal Block In-Out (Mounted inside canopy) (for DMX/RDM)

NOTE: DMX will also function with RDM.