ChromaMelt-2R
Snow Sensor and Controller

NEW!

- **Load Switching (2 X 24A Relays)**

- **Adjustable Temperature Settings (C & F)**

- **Variable Delay Time (Hold ON and OFF Time)**

- **User Friendly Programming and Setting**

- **Adjustment Using Remote Control with Large Lcd Display**

- **Adjustable Cycle Time between Zones while Staggering**

- **2 Zones of Control - Operating Together or Staggering**

- **Easy and Simple 6 Wire installation**

- **Logical and Remote Access for Installers During Set-up, Commissioning & Service**

- **Non Obtrusive Adjustable Snow Sensor Wall Bracket**

- **Automatic/Manual/Off Mode Selection by Switch or by Remote Control**

- **4 Vertical Spikes to Prevent Birds Nesting**

- **RoHS**

Description

The ChromaMelt-2R is a "Plug and Play" controller/sensor for snow melting applications. When the temperature drops below the adjustable setpoint and moisure is present, it energizes the heating elements.

The Technician mode allows installers or technicians to adjust the parameters for customized installations using the electronic controller installed in the front panel. The adjustable Hold-On timer, keeps the outputs to the heaters active to ensure complete freeze protection.

The Hold-On (Time delay) is adjustable in the from 0 to 99 hours. The 4 vertical spikes prevent birds from nesting on top of the ChromaMelt-2R and blocking the sensing grid.

Specifications

ChromaMelt-2R Snow Sensor Controller

Indoor Temperature Sensor .... 14°F to 50°F (-10° C to 15°C)

Power Switching .... Mechanical

Number of Circuits 2

Amp Rating/Circuit 24A

Input Voltage .... 110 - 240 VAC

Heater Voltage .... 110 - 240 VAC

Adjustable Parameters .... Set-Point, Lower Limit Temperature, Hold-On Delay, Manual On time, Heater Cycle Time, Sequence Operation, Number of Zones, Commissioning/Test Mode

ChromaMelt-2R Accessories

CS-MB - Mounting bracket for ChromaMelt-2R

CS-RC - Remote control, operations and technical settings interface
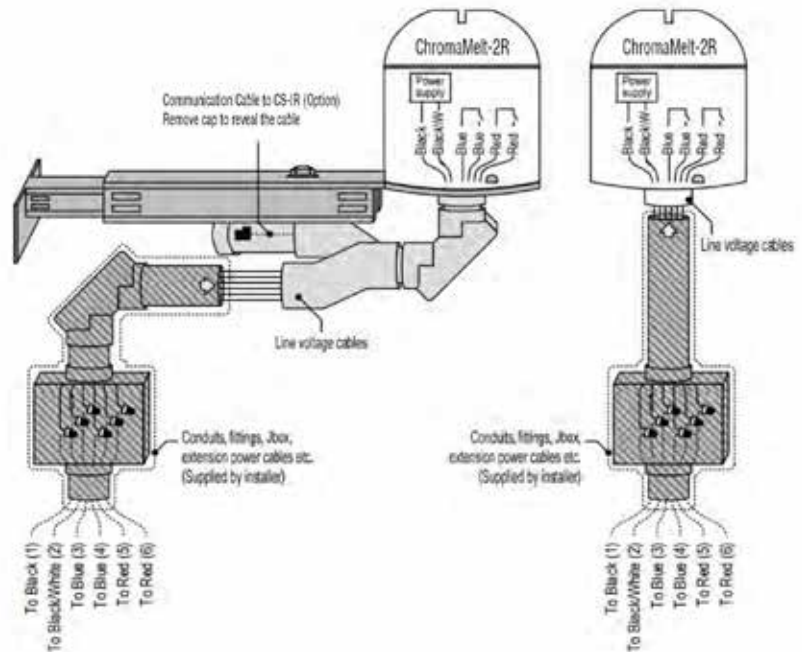
CS-IR - Indoor control interface unit

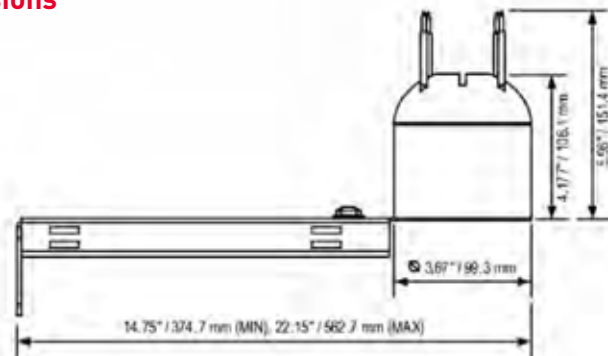CS-EC - 30' (10m) Extention Cable assembly for CS-IR

CHROMALOX

ChromaMelt-2R
Snow Sensor and
Controller *(cont'd.)*

Dimensions

Ordering Information

Model	Description	PCN
ChromaMelt-2R	Snow sensor/controller for snow and ice melting (2 X 24A)	512532
ChromaMelt-2RK	ChromaMelt-2R, CS-MB, CS-RC, and CS-IR	512540
CS-MB	Wall mounted adjustable bracket for ChromaMelt-2R	512559
CS-RC	Remote control for changing operation and setting	512567
CS-IR	Indoor mounted control interface unit for ChromaMelt-2R	512575
CS-EC	Extension cable for CS-IR connection to the ChromaMelt-2R	512583