

DMX INSTALLATION GUIDE

Commissioning with Remote Device Manage (RDM)

After the fixtures are properly wired together as a DMX network (also known as a DMX universe):

1. Use an RDM controller (by other) that is compliant with *ANSI E1.20 - 2010 Entertainment Technology RDM Remote Device Management Over DMX512 Networks* requirements.
2. Set the address(s) for the fixture(s) (addresses are also known as slots).
3. Set the personality (either 2 for black body dimming or 5 for tunable white).
4. Do not use other personalities before consulting with factory.
5. After commissioning, do not operate the system with RDM and DMX messages at the same time.

Supported RDM PIDs

DMX-RDM PIDs Standard PID definition	Req	Get	Set	PID Implementation
Disc_Unique_Branch	yes	yes		
Disc_Mute	yes	yes		
Disc_Un_Mute	yes	yes		
Supported_Parameters	yes	yes		
Parameter_Description	yes	yes		
Device_Info	yes	yes		
Software_Version_Label	yes	yes		
DMX_Start_Address	yes	yes	yes	
Identify_Device	yes	yes	yes	
Device_Model_Description		yes		Aculux BBD and Tunable White
Manufacturer_Label		yes		Juno Lighting Group
Device_Label		yes	yes	Aculux IC/TC410T(SQ)
DMX_Personality		yes	yes	See table of Personalities
DMX_Personality_Description		yes		See table of Personalities

Please use personality 2 for Black Body Dimming (BBD), also known as Warm Dimming, or personality 5 for Tunable White (CCT Tuning). Consult with factory before using other personalities.

DMX-RDM Personalities Item	Personality	Slots	Slot 1 Handle	Slot 2 Handle	Description
2	Warm Dimming 3000K SQ	1	Brightness	n.a.	BBD 1800-3000K, square law response
5	Tunable White 4300K SQ	2	Brightness	CCT	CCT tuning 2000-4350K, square law response