

# DMX Channel Index

# X5 DOT WASH



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Fixture software iQ.Mesh V6.0.35



## Document revisions

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20261706-01	First release of the DMX Channel Index for the X5 Dot Wash. Covers firmware iQ.Mesh V6.0.35	June 2026

GLP® X5 Dot Wash DMX Channel Index

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## 1. DMX control modes overview

The following DMX control modes are available in the X5 Dot Wash.

	<b>M1 - Compressed</b>	<b>M2- Simple</b>	<b>M3- Normal</b>	<b>M4 - Direct Emitter Control</b>
1	Red Coarse (CQC - HO)	Intensity Coarse	Intensity Coarse	Intensity Coarse
2	Red Fine (CQC - HO)	Intensity Fine	Intensity Fine	Intensity Fine
3	Green Coarse (CQC - HO)	Shutter	Shutter	Shutter
4	Green Fine (CQC - HO)	Red Coarse (CQC - HO)	Red Coarse (CQC - HO)	Red Coarse
5	Blue Coarse (CQC - HO)	Red Fine (CQC - HO)	Red Fine (CQC - HO)	Red Fine
6	Blue Fine (CQC - HO)	Green Coarse (CQC - HO)	Green Coarse (CQC - HO)	Green Coarse
7		Green Fine (CQC - HO)	Green Fine (CQC - HO)	Green Fine
8		Blue Coarse (CQC - HO)	Blue Coarse (CQC - HO)	Blue Coarse
9		Blue Fine (CQC - HO)	Blue Fine (CQC - HO)	Blue Fine
10			CTC	Lime Coarse
11			M/G-Shift	Lime Fine
12			CQC - Color Quality Control	

**2. DMX Channel Detail*****Intensity***

<b>Intensity</b>	<b>DMX Value</b>		<b>Slot Style</b>	<b>Note</b>
Intensity coarse	0	255	fade	Intensity 0..100%
				Dimming Curve: Quadratic

***RGB***

<b>Intensity</b>	<b>DMX Value</b>		<b>Slot Style</b>	<b>Note</b>
RGB coarse	0	255	fade	Intensity 0..100%
				Dimming Curve: Quadratic

<b>Control Emitter</b>	<b>x</b>	<b>y</b>	<b>Y</b>
Red	0,697671	0,30026	28
Green	0,143006	0,682034	68,5
Blue	0,150831	0,030372	3,5

**Shutter**

Shutter	DMX Value		Slot Style	Note
Closed	0	4	snap	blackout
Single Flash	5	9	fade	One Single Flash if Value Change within this range (005..009)
Pulse (slow-fast)	10	39	fade	Synchronized Pulse (Ramp-Up/Down) Effect / Speed adjustable from slow to fast within this range (010..039) 10: 0,005Hz 24: 0,027Hz 39: 1,852Hz
Pulse Open (slow-fast)	40	69	Fade	Synchronized Pulse Open (Ramp-Up) Effect / Speed adjustable from slow to fast within this range (040..069) 40: 0,005Hz 54: 0,027Hz 69: 1,852Hz
Pulse Close (slow-fast)	70	99	fade	Synchronized Pulse Open (Ramp-Up) Effect / Speed adjustable from slow to fast within this range (040..069) 70: 0,005Hz 84: 0,027Hz 99: 1,852Hz
Double-Flash (slow> fast)	100	129	fade	Synchronized Double Flash slow to fast / Speed adjustable from slow to fast within this range (100..129) 100: 0,049Hz 114: 0,342Hz 129: 2,273Hz
Strobe Rnd Pixel (slow-fast)	130	159	fade	Random Strobe on Random Pixels slow to fast / Speed adjustable from slow to fast within this range (130..159) 130: 0,05Hz 144: 0,397Hz 159: 25,0Hz
Strobe Rnd all (slow-fast)	160	199	fade	Random Strobe on all Pixels slow to fast / Speed adjustable from slow to fast within this range (160..199) 160: 0,047Hz 179: 0,385Hz 199: 25,0Hz
Strobe Sync all Pixel (slow-fast)	200	250	snap	Synchronized Strobe slow 1Hz to fast / Speed adjustable from slow to fast within this range (200..250) 200: 0,085Hz 225: 0,51Hz 250: 25,0Hz
Open	251	255	snap	Continuously on

**Color Temperature Control**

Intensity	DMX Value		Slot Style	Note
Open	0	9	snap	Selected White Point
10000K	10	11	fade	Fade through Color temperatures of 1000K to 1800K step less (interpolation)  8000K : 70  6500K: 115  5600K: 141  4000K: 189  3500K: 204  3200K: 213  3000K: 218  2700K: 227  2300K : 239
9999...1801K	12	254		
1800K	255	255		

**CQC Color Quality Control**

CQC – Color Quality Control	DMX Value		Slot Style	Note
High Brightness to High ColorRendering	0	255	fade	

**Magenta-Green-Shift**

<b>Magenta-Green-Shift</b>	<b>DMX Value</b>		<b>Slot Style</b>	<b>Note</b>
Off - ( no correction)	0	9	snap	neutral / no effect
full plus Magenta +100% (-0,05 Duv)	10	10	fade	
plus Magenta +99% .. +1%	11	124		
neutral / no effect	125	140	snap	neutral / no effect
plus green +1% .. +99%	141	254		
full plus green +100% (+ 0,05 Duv)	255	255	fade	

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