

Lumen Output Multiplier

Use the multipliers from the table below to prorate the values for the different drive currents and CCTs.

Select the appropriate multiplier that matches your group file. Match fixture size, CCT, drive current and lens option.

As an example: (With Lens) ARX09-350mA-3K-FGL-importFinal. (Without Lens) ARX09-350mA-3K-importFinal.

For instance, if lumen value on ARX09 is 6582 lumens at 350mA, to determine the lumen value at 700mA, use Table 1 lumen multiplier 1.7571 x 6582 = 11565 lm.

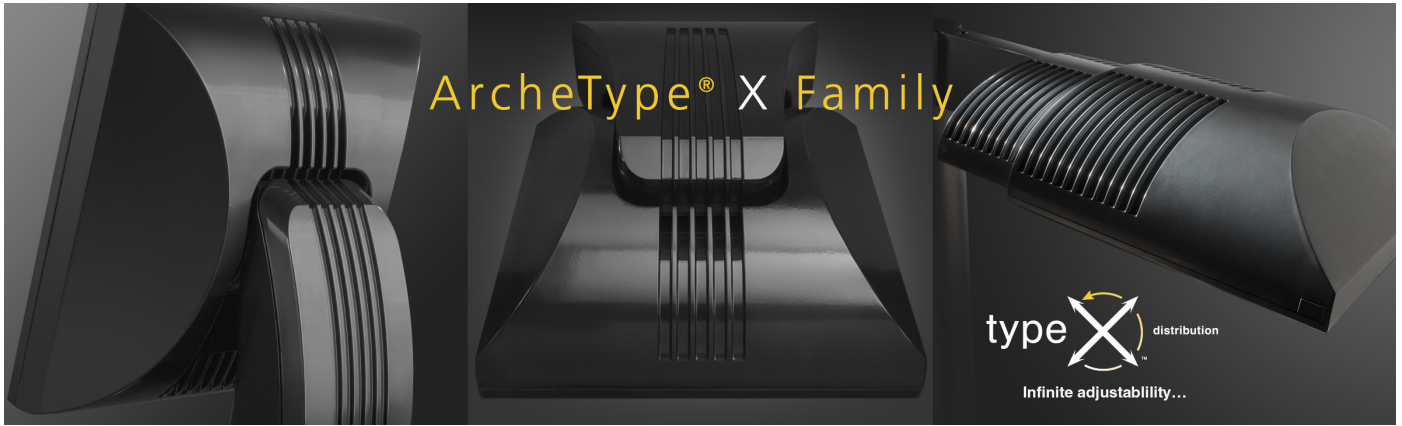
Table 1 – Lumen Output Multiplier for Type X Area (Without Lens)

Drive Current (mA)	ARX09	ARX16	ARX25
350	1.0000	1.0000	1.0000
400	1.1081	1.1188	1.1223
450	1.2163	1.2376	1.2446
500	1.3245	1.3514	1.2446
550	1.4326	1.4751	1.3670
600	1.5408	1.5939	1.6116
650	1.6490	1.7127	1.7339
700	1.7571	1.8315	1.8562
750	1.8766	1.9067	1.9409
800	1.9551	1.9820	2.0256
850	2.0337	2.0573	
900	2.1122	2.1287	
950	2.1908		
1000	2.1908		
1050	2.2694		

Table 2 – Lumen Output Multiplier for Type X Area (With Lens)

Drive Current (mA)	ARWX09	ARWX16	ARWX25
350	1.0000	1.0000	1.0000
400	1.1175	1.1206	1.1272
450	1.2337	1.2397	1.2334
500	1.3452	1.3520	1.3451
550	1.4469	1.4550	1.3744
600	1.5479	1.5641	1.4465
650	1.6415	1.6449	
700	1.7360	1.7388	

For Wall and Flood Multiplier, (see page 2)



Lumen Output Multiplier (cont. from page 1)

Table 3 – Lumen Output Multiplier for Type X Wall

Drive Current (mA)	ARWX09	ARWX16	ARWX25
350	1.0000	1.0000	1.0000
400	1.1175	1.1206	1.1272
450	1.2337	1.2397	1.2334
500	1.3452	1.3520	1.3451
550	1.4469	1.4550	1.3744
600	1.5479	1.5641	1.4465
650	1.6415	1.6449	
700	1.7360	1.7388	

Table 4 – Lumen Output Multiplier for Type X Flood

Drive Current (mA)	ARFX09	ARFX16	ARFX25
350	1.0000	1.0000	1.0000
400	1.1092	1.1245	1.1248
450	1.2133	1.2490	1.2497
500	1.3274	1.3734	1.3745
550	1.4414	1.4855	1.4825
600	1.5476	1.5976	1.5906
650	1.6538	1.7097	
700	1.7601	1.8218	