



High Performance Dimming for Prescolite LED Downlights

## High-Ceiling Dimmable LED Downlighting



# Experience a higher level of control

Create the experience your audience wants;  
Provide the dimming capabilities your project needs.

From movie theatres to museums, dimming controls are important everywhere. It's crucial for all events – a new hire orientation in an auditorium to a Broadway show in a New York City theatre – to set the proper tones for their audiences.

## The Challenge

Traditionally, there have been a limited number of options for dimming interior spaces with high ceilings. HID's are difficult to dim and restrike is always an issue, while inefficient T4 quartz don't last long and put out a tremendous amount of heat. Plus, how do you change a T4 quartz light that sits high above multiple rows of seats in a playhouse when top access is limited?

## The Answer

Prescolite's configurable optics can produce center beam candela power ideal for higher ceiling applications. Combined with Lutron dimming options, D4LED4, D6LED3 and D6LED4 fixtures offer the perfect solution for dimming capabilities in a wide variety of environments. And with a minimum life of 50,000 hours, these fixtures are virtually maintenance free, eliminating the need to continually change lamps in hard-to-reach areas.

## Hi-lume® LED Lutron dimming options for D4LED4, D6LED3 and D6LED4

For advanced dimming capabilities from 100% to 1%, Prescolite's premium downlights with Lutron's high performance dimming is a powerful combination.

Designed as a unique solution to challenging environments, Prescolite's LED downlights are ideal alternatives for niche settings that require sophisticated lighting control systems and offer a number of benefits, including:

- Spot (18°), medium (25°), flood (35°), or vacuum metalized reflector for D6LED (45°)
- 70, 80, and 90 CRI options
- A variety of color temperatures (2700K, 3500K, 4000K and 5000K)
- Premium glare control
- Energy savings
- Years of maintenance-free operation

**D6LED4HDM-6DLED435K8MD25**

Ceiling to Floor Height (ft)	Single Unit, Initial Footcandles, 30" Work Plane						
	Nadir	10°		20°		30°	
	FC	FC	Dia. (ft)	FC	Dia. (ft)	FC	Dia. (ft)
12	45	28	3	8	7	2	11
14	31	19	4	6	8	1	13
16	22	14	5	4	10	1	16
18	17	11	5	3	11	1	18
20	13	8	6	2	13	1	20

**D6LED4HDM-6DLED435K8MD25**

Ceiling to Floor Height (ft)	Multiple Units, Initial Footcandles, 30" Work Plane			
	Spacing is Maximum Over Work Plane, SMH= 0.4			
	Fixture Spacing (ft)	RCR 2	RCR 5	RCR 7
12	4.0	83	72	66
14	5.0	57	49	45
16	5.0	41	36	33
18	6.0	31	27	25
20	7.0	24	21	20



### A POWERFUL COMBINATION

Prescolite's premium downlights – combined with Lutron's high performance dimming – offers a sophisticated control system with dimming capabilities from 100% to 1% for a variety of interior spaces.





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