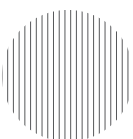
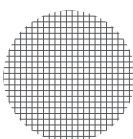
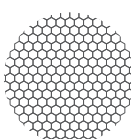


System of Illumination = Intentionally Different

Clarté Lighting has developed a modular family of architectural LED fixtures engineered to deliver consistent mechanical, optical, and aesthetic performance—tailored to meet the precise specifications of each design application.

The Clarté Lighting System is engineered with proprietary TIR optics to deliver high center beam candlepower, a precise 45-degree vertical cutoff, and a well-defined primary and secondary field of light—all working together to achieve superior visual performance. Each fixture is built with interchangeable components and supports the addition of 3 to 4 beam-shaping or color shifting accessories, allowing for exceptional flexibility in meeting diverse design requirements.

(a)	5 Optical Size Fixture Families	1" PAR8 Scale Optic 0.75" ID : 1" OD  1100 delivered lumens	2" PAR16 Scale Optic 2" ID : 2.25" OD  1300 delivered lumens	2½" PAR20 Scale Optic 2.5" ID : 2.75" OD  2300 delivered lumens	4" PAR30 Scale Optic 3.75" ID : 4" OD  4000 delivered lumens	4½" PAR38 Scale Optic 4.25" ID : 4.5" OD  5000 delivered lumens							
(b)	6 Fixture Families	 Recessed	 Recessed Slot Multiple		 Surface	 Pendant	 Track	 Retrofit					
(c)	15 Chromaticity Choices (Select Any 1 of 15 Different LED Hues for 100% Of All Clarté Lighting Fixtures– 3 McAdam Ellipse)	2200 Kelvin (candlelight)		2700 Kelvin 84 or 94 CRI LED (incandescent color)		3000 Kelvin 84 or 94 CRI LED (halogen color)		3500 Kelvin 84 or 94 CRI LED (neutral white)		4000 Kelvin 84 CRI LED (cool white)			
		5000 Kelvin 84 CRI LED (day white)		6500 Kelvin 84 CRI LED (12 Noon Sunlight)		UV365 Themed Effect (365 nm UVA light)		UV390 Architectural Accent (390 nm UVA light)		RGBW - 3K and 4K White (Red, Green, Blue, White)			
		Blue LED (465 - 485 nm) Data Center Stacks Isle Lights Back Stage Theater Running Lights		Green LED (520 - 535 nm)		Amber LED (585 - 595 nm) Turtle Breeding Beaches Meets Federal Requirements		Red LED (620 - 630 nm)		Photo Red (650 - 670 nm) Living Wall Plant Health Binary Hue-Photo Red + 4K or 5K or 65K			
(d)	4 TM-30-18 Color Metric Options	3K 80+ CRI • Fidelity (R_f) = 84 • Gamut (R_g) = 102 • 1st Bin Local Color Fidelity - RED ($R_{f,h1}$) = 84 • Black Body ($R_{cs,h1}$) = .0048% • 3,000 Kelvin • CRI(R_a) = 86			3K 90+ CRI • Fidelity (R_f) = 93 • Gamut (R_g) = 101 • 1st Bin Local Color Fidelity - RED ($R_{f,h1}$) = 94 • Black Body ($R_{cs,h1}$) = .0016% • 3,000 Kelvin • CRI(R_a) = 95			3K 90+ CRI H (Halogen) • Fidelity (R_f) = 94 • Gamut (R_g) = 101 • 1st Bin Local Color Fidelity - RED ($R_{f,h1}$) = 95 • Black Body ($R_{cs,h1}$) = .0014% • 2,900 Kelvin • CRI(R_a) = 96			3K 90+ CRI DH (Dimmed Halogen) • Fidelity (R_f) = 93 • Gamut (R_g) = 98 • 1st Bin Local Color Fidelity - RED ($R_{f,h1}$) = 92 • Black Body ($R_{cs,h1}$) = .0008% • 2,600 Kelvin • CRI(R_a) = 95		
(e)	7 Dimming Options	D = 0.1% 2-wire forward phase MLV glow to ON fade to OFF (voltage reduction dumb dimming in existence since the 1970's)		DALI2 V8 = 0.1% bidirectional dimming		0-10V = 4-wire 1% dimming		ED = 2-wire reverse phase 2 wire dimming		Lutron = 2-wire 1% dimming		RDM DMX 16-bit dimming = .001 65,536 step glows to ON fade to OFF dimming	
		Absolute Light – DIN Rail remote class 2 dimming system to .001% – Recessed, surface or recessed slot multiples – PAR8, PAR16, or PAR20 scale optic – Approved & Operates with 12 dimming controls manufacturers • Warm dim from 3K down to 2K • Tunable white 1700K to 7000K • Sunrise or sunset big island of Hawaii • 16.7 million colors											
(f)	6 AC Voltage Options	12V (Remote Power Supply)	100V (Japan)	120V (North America)	230V (Europe/Asia)	277V (North America)	347V (Canada)						
(g)	2 DC Voltage Options	24V DC ETC F Drive 24V DC Solar with no Inverter (Offered 100% fixture offering 2-wire forward phase glow to on fade to off)					48V Absolute Light Din Rail remote 48V power supply						
(h)	5 Different Beam Spreads	Narrow Narrow Spot (NNSP) 7.9 Degree withLouver 8.5 Degree	Narrow Spot (NSP) 12 Degree		Spot (SP) 17 Degree		Narrow Flood (NFL) 23 Degree		Flood (FL) 40 Degree				
(i)	8 Beam Shaping Optical Accessories (Up to 4 Accessories Per Fixture)	 Lens Softener - (LS) 20% Increase Beam Width		 Linear Spread Lens - (LSL) 20 x 60 Rectangular Beam Shaping		 Wide Flood Lens - (WFL) +50% increase beam width		 Louver - (LV) Honeycomb Louver					
		 Halogen - (H) 100K Warmer, 2700K to 2600K		 Dimmed Halogen - (DH) 400K Warmer, 2700K to 2300K		 Cross Hair Louver - (CHL) ½" Deep		 Paracube Louver - (PL) 5/8" Deep Cell Louver					
(j)	3 Mechanical Adaptations Available for Each Fixture	Retrofit			Remodel			New Construction					
(k)	6,500+ Color Finish Choices	• Select any color finish for 100% of Clarté Lighting fixtures. (click to see all color options)											