



DQLS Amendment 1.2 Electric Lighting

Standard:	Designing Quality Learning Spaces (DQLS) – Lighting and Visual Comfort
Version:	V2.1, 2020
Section:	1.2 Electric Lighting Requirements
Effective From:	April 2024 for all projects (including projects currently in design)

Amended Section 1.2 (Table 4) Electric Lighting Performance Requirements

The minimum requirements for electric lighting in terms of standard maintained illuminances, uniformity ratio, limiting glare index, lamp appearance group, and lamp colour rendering group, are given in Table 4 below.

Table 4: Electric lighting performance requirements

Type of Space	Standard Maintained Illuminance Lux	Uniformity Ratio	Limiting Glare Index	Lamp Colour Rendering Group	Lamp Colour Temperature Group	Comments
General Learning Spaces	300	0.7	19	RA > 80 R9 > 50*	4000K (Intermediate)	
Specialist Learning						
Spaces requiring close and detailed work (e.g. art & craft rooms)	300	0.7	19	RA > 80 R9 > 50*	4000K (Intermediate)	With task lighting to 500 Lux
Science Learning Spaces	300	0.7	19	RA > 80 R9 > 50*	4000K (Intermediate)	
Music rooms	300	0.7	19	RA > 80 R9 > 50*	4000K (Intermediate)	

Multi-Purpose Halls:						
– General use	160				4000K	
– Social use	80			RA > 80 R9	(Intermediate)	
– Examinations	300	0.7	19	> 50*		
– Theatre use	240					
Gymnasiums	300	0.7	22	RA > 80	4000K	
					(Intermediate)	
Libraries Stack Areas	300			RA > 80 R9	4000K	200 Lux on
	240	0.7	19	> 50*	(Intermediate)	vertical
						plane
Workshops/Technology Spaces	300	0.7	19	RA > 80 R9	4000K	With task
				> 50*	(Intermediate)	lighting
Offices	300	0.6	19	RA > 80	4000K	
				R9 > 50*	(Intermediate)	
Circulation Spaces, Corridors, Stairs & Lobbies	Requirements as per the applicable parts of AS/NZS 1680 – Interior and Workplace Lighting					
Waiting Areas	Requirements as per the applicable parts of AS/NZS 1680 – Interior and Workplace Lighting					
Reception Areas	Requirements as per the applicable parts of AS/NZS 1680 – Interior and Workplace Lighting					

- Generally, ancillary spaces (such as circulation areas, store/utility rooms, toilets, etc.) as per the applicable parts of AS/NZS 1680 and do not need to comply with luminaire colour rendering (R9) requirements.
- All spaces in Table 4 which achieve DQLS daylighting requirements (Section 1.1) are exempted from luminaire R9 requirements.

*All amendments indicated in bold blue text

*This amendment will be incorporated into the forthcoming update and remaining of the DQLS suite.

