

# DQLS Amendment 1.2 Electric Lighting

<b>Standard:</b>	<a href="#">Designing Quality Learning Spaces (DQLS) – Lighting and Visual Comfort</a>
<b>Version:</b>	V2.1, 2020
<b>Section:</b>	1.2 Electric Lighting Requirements
<b>Effective From:</b>	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	R <sub>A</sub> > 80 R <sub>9</sub> > 50*	4000K (Intermediate)	
Specialist Learning Spaces requiring close and detailed work (e.g. art & craft rooms)	300	0.7	19	R <sub>A</sub> > 80 R <sub>9</sub> > 50*	4000K (Intermediate)	With task lighting to 500 Lux
Science Learning Spaces	300	0.7	19	R <sub>A</sub> > 80 R <sub>9</sub> > 50*	4000K (Intermediate)	
Music rooms	300	0.7	19	R <sub>A</sub> > 80 R <sub>9</sub> > 50*	4000K (Intermediate)	
Multi-Purpose Halls:						
– General use	160					
– Social use	80					
– Examinations	300	0.7	19	R <sub>A</sub> > 80 R <sub>9</sub> > 50*	4000K (Intermediate)	
– Theatre use	240					
Gymnasiums	300	0.7	22	R <sub>A</sub> > 80	4000K (Intermediate)	
Libraries	300	0.7	19	R <sub>A</sub> > 80 R <sub>9</sub> > 50*	4000K (Intermediate)	200 Lux on vertical plane
Stack Areas	240					
Workshops/Technology Spaces	300	0.7	19	R <sub>A</sub> > 80 R <sub>9</sub> > 50*	4000K (Intermediate)	With task lighting
Offices	300	<b>0.6</b>	19	R <sub>A</sub> > 80 R <sub>9</sub> > 50*	4000K (Intermediate)	

<b>Circulation Spaces, Corridors, Stairs &amp; Lobbies</b>	Requirements as per the applicable parts of <b>AS/NZS 1680 – Interior and Workplace Lighting</b>
<b>Waiting Areas</b>	
<b>Reception Areas</b>	
<ul style="list-style-type: none"> <li>• <b>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 (R<sub>9</sub>) requirements.</b></li> <li>• <b>All spaces in Table 4 which achieve DQLS daylighting requirements (Section 1.1) are exempted from luminaire R<sub>9</sub> requirements.</b></li> </ul>	

*\*All amendments indicated in bold red text*

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