

Glare Variation

Key:

Underlined text for additions and strike through text for deletions

Variation to Chapter 7 Lower Density Suburban Residential:

7.5 Rules - Standards

	Standards for activities in the Lower Density Suburban Residential Zone	Non-compliance status
7.5.13	<p><u>Lighting and Glare</u></p> <p>7.5.13.1 All exterior lighting shall be directed downward and away from the adjacent sites and roads.</p> <p>7.5.13.2 No activity on any site shall result in greater than a 3.0 lux spill (horizontal or vertical) of lights onto any other site measured at any point inside the boundary of the other site.</p>	<p><u>NCRD</u></p> <p><u>Discretion is restricted to the effects of lighting and glare on:</u></p> <p><u>a. amenity values of adjoining sites;</u></p> <p><u>b. the safety of the Transport Network;</u></p> <p><u>c. the night sky; and</u></p> <p><u>d. the navigational safety of passenger carrying vessels operating at night.</u></p>

Glare Variation

Variation to Chapter 8 Medium Density Residential:

8.5 Rules - Standards

	Standards for activities located in the Medium Density Residential Zone	Non-compliance status
8.5.11	<p><u>Lighting and Glare</u></p> <p>8.5.11.1 All exterior lighting shall be directed downward and away from the adjacent sites and roads.</p> <p>8.5.11.2 No activity on any site shall result in greater than a 3.0 lux spill (horizontal or vertical) of lights onto any other site measured at any point inside the boundary of the other site.</p>	<p><u>NCRD</u></p> <p><u>Discretion is restricted to the effects of lighting and glare on:</u></p> <p><u>a. amenity values of adjoining sites;</u></p> <p><u>b. the safety of the Transport Network;</u></p> <p><u>c. the night sky; and</u></p> <p><u>d. the navigational safety of passenger carrying vessels operating at night.</u></p>

Glare Variation

Variation to Chapter 9 High Density Residential:

9.5 Rules – Standards

	Standards for activities located in the High Density Residential Zone	Non-compliance status
9.5.101	<p><u>Lighting and Glare</u></p> <p>9.5.101.1 All exterior lighting shall be directed downward and away from the adjacent sites and roads.</p> <p>9.5.101.2 No activity on any site shall result in greater than a 3.0 lux spill (horizontal or vertical) of lights onto any other site measured at any point inside the boundary of the other site.</p>	<p><u>NCRD</u></p> <p><u>Discretion is restricted to the effects of lighting and glare on:</u></p> <ul style="list-style-type: none"> <u>a. amenity values of adjoining sites;</u> <u>b. the safety of the Transport Network;</u> <u>c. the night sky; and</u> <u>d. the navigational safety of passenger carrying vessels operating at night.</u>

Glare Variation

Variation to Chapter 12 Queenstown Town Centre:

12.5 Rules – Standards

	Standards for activities located in the Wanaka Town Centre Zone	Non-compliance status
12.5.13	<p><u>Lighting and Glare</u></p> <p>12.5.13.2 All exterior lighting, other than footpath or pedestrian link amenity lighting, installed on sites or buildings within the zone shall be directed away from adjacent sites, roads and public places, and so as to limit the effects <u>on the amenity of adjoining sites, the safety of the transport network and the effects on views</u> of the night sky.</p> <p>12.5.13.2 No activity in this zone shall result in a greater than 10 lux spill (horizontal or vertical) of light onto any adjoining property within the <u>Z</u>zone, measured at any point inside the boundary of any adjoining property.</p> <p>12.5.13.3 No activity shall result in a greater than 3 lux spill (horizontal or vertical) of light onto any adjoining property which is zoned <u>residential High-Density Residential</u> measured at any point more than 2m inside the boundary of the adjoining property.</p>	<p>NCRD</p> <p><u>Discretion is restricted to the effects of lighting and glare on:</u></p> <ul style="list-style-type: none"> a. <u>amenity values of adjoining sites;</u> b. <u>the safety of the Transport Network; and</u> c. <u>the night sky.</u>

Glare Variation

Variation to Chapter 13 Wanaka Town Centre:

13.5 Rules – Standards

	Standards for activities located in the Wanaka Town Centre Zone	Non-compliance status
13.5.11	<p><u>Lighting and Glare</u></p> <p>13.5.11.1 All exterior lighting, other than footpath or pedestrian link amenity lighting, installed on sites or buildings within the zone shall be directed away from adjacent sites, roads and public places, and so as to limit the effects <u>on the amenity of adjoining sites, the safety of the transport network and the effects</u> on the night sky.</p> <p>13.5.11.2 No activity shall result in a greater than 10 lux spill (horizontal or vertical) of light onto any adjoining property within the Zone, measured at any point inside the boundary of any adjoining property.</p> <p>13.5.11.3 No activity shall result in a greater than 3 lux spill (horizontal or vertical) of light onto any adjoining property which is zoned residential measured at any point more than 2m inside the boundary of the adjoining property.</p> <p>13.5.11.4 External building materials shall either be coated in colours which have a reflectance value of between 0 and 36%; or consist of unpainted wood (including sealed or stained wood), unpainted stone, unpainted concrete, or copper.</p> <p>Except that:</p> <ul style="list-style-type: none"> a. Architectural features, including doors and window frames, may be any colour; and b. Roof colours shall have a reflectance value of between 0 and 20%. 	<p><u>NCRD</u></p> <p><u>Discretion is restricted to the effects of lighting and glare on:</u></p> <ul style="list-style-type: none"> <u>a. amenity values of adjoining sites;</u> <u>b. the safety of the Transport Network; and</u> <u>c. the night sky.</u>

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Variation to Chapter 14 Arrowtown Town Centre:

14.5 Rules – Standards

	Standards for activities located in the Arrowtown Town Centre Zone	Non-compliance status
14.5.9	<p><u>Lighting and Glare</u></p> <p>14.5.9.1 All exterior lighting, other than footpath or pedestrian link amenity lighting, installed on sites or buildings within the zone shall be directed away from adjacent sites, roads and public places, <u>and so as to limit the effects on the amenity of adjoining sites, the safety of the transport network and the effects on views of the night sky.</u></p> <p>14.5.9.2 No activity shall result in a greater than 10 lux spill (horizontal or vertical) of light onto any adjoining property within the <u>zone</u>, measured at any point inside the boundary of any adjoining property.</p> <p>14.5.9.3 No activity shall result in a greater than 3 lux spill (horizontal or vertical) of light onto any adjoining property which is zoned <u>Residential</u> measured at any point more than 2m inside the boundary of the adjoining property.</p> <p>14.5.9.4 All roofs of buildings shall be finished or treated so they do not give rise to glare when viewed from any public place or neighbouring property.</p>	<p><u>NCRD</u></p> <p><u>Discretion is restricted to the effects of lighting and glare on:</u></p> <p><u>a. amenity values of adjoining sites;</u></p> <p><u>b. the safety of the Transport Network;</u></p> <p><u>and</u></p> <p><u>c. the night sky.</u></p>

Glare Variation

Variation to Chapter 15 Local Shopping Centre Zone:

Policy 15.2.3.3

Ensure that the location and direction of lights does not cause significant glare to other properties, roads and public places, ~~and~~ promote lighting design that mitigates adverse effects on views of the night sky, and provide a safe and well-lit environment for pedestrians.

15.5 Rules - Standards

	Standards for activities located in the Local Shopping Centre Zone	Non-compliance status
15.5.9	<p><u>Lighting and Glare</u></p> <p>a-15.5.9.1 All exterior lighting, other than footpath or pedestrian link amenity lighting, installed on sites or buildings within the zone shall be directed away from adjacent sites, roads and public places, and directed downward so as to limit the effects <u>on the amenity of adjoining sites, the safety of the transport network and the effects on views of the night sky.</u></p> <p>b-15.5.9.2 No activity shall result in a greater than 10 lux spill (horizontal or vertical) of light onto any adjoining property within the Zone, measured at any point inside the boundary of any adjoining property.</p> <p>c-15.5.9.3 No activity shall result in a greater than 3 lux spill (horizontal or vertical) of light onto any adjoining property which is in any Residential zone or Township Zone <u>zoned residential</u> measured at any point more than 2m inside the boundary of the adjoining property.</p> <p>d. All roofs of buildings shall be finished or treated so they do not give rise to glare when viewed from any public place or neighbouring property.</p>	<p><u>NCRD</u></p> <p><u>Discretion is restricted to the effects of lighting and glare on:</u></p> <p><u>a. amenity values of adjoining sites;</u></p> <p><u>b. the safety of the Transport Network; and</u></p> <p><u>c. the night sky.</u></p>

Glare Variation

Variation to Chapter 16 Business Mixed Use Zone:

16.5 Rules – Standards

	Standards for activities located in the Business Mixed Use Zone	Non-compliance status
16.5.10 <u>1</u>	<p><u>Lighting and Glare</u></p> <p>16.5.101.1 All exterior lighting, <u>other than footpath or pedestrian link amenity lighting</u>, installed on sites or buildings <u>within the zone</u> shall be directed away from adjacent sites, roads and public places, except footpath or pedestrian link amenity lighting and directed downward, and so as to limit the effects <u>on the amenity of adjoining sites, the safety of the transport network and the effects on views of the night sky.</u></p> <p>16.5.101.2 No activity shall result in a greater than 10 lux spill (horizontal or vertical) of light onto any adjoining property within the business mixed use Zone, measured at any point inside the boundary of any adjoining property.</p> <p>16.5.101.3 No activity shall result in a greater than 3 lux spill (horizontal or vertical) of light onto any adjoining property which is in a Residential Zone <u>zoned residential</u> measured at any point more than 2m inside the boundary of the adjoining property.</p> <p>16.5.10.3 External building materials shall either be coated in colours which have a reflectance value of between 0 and 36%; or consist of unpainted wood (including sealed or stained wood), unpainted stone, unpainted concrete, or copper.</p> <p>Except that:</p>	<p><u>NCRD</u></p> <p><u>Discretion is restricted to the effects of lighting and glare on:</u></p> <p><u>a. amenity values of adjoining sites;</u></p> <p><u>b. the safety of the Transport Network; and</u></p> <p><u>c. the night sky.</u></p>

Glare Variation

	Standards for activities located in the Business Mixed Use Zone	Non-compliance status
	<p>a. Architectural features, including doors and window frames, may be any colour; and</p> <p>b. Roof colours shall have a reflectance value of between 0 and 20%.</p>	