

Part 3

Domains and topics

Topics

General matters

LIGHT – Light

Objectives

LIGHT-O1 Artificial outdoor lighting [RCP, DP]

Artificial outdoor lighting enables night-time work, rural productive activities, recreation activities, sport, entertainment activities, transportation and public health and safety.

Policies

LIGHT-P1 Enabling night-time activity while managing the adverse effects of artificial outdoor lighting [RCP, DP]

Recognise and provide for artificial outdoor lighting for night-time activities and public health and safety, while managing its intensity, timing, duration and direction in a way that:

1. Avoids, remedies or mitigates adverse effects of light spill on the rest, relaxation or privacy of residents; and
2. Does not interfere with the safe operation of the transport network through the creation of glare.

Rules

Rule interpretation and application

LIGHT-R1 [RCP, DP]

1. The rules that **apply** to artificial outdoor lighting in all zones and the Coastal marine area are contained in:
 - a. LIGHT-R7 Artificial outdoor lighting: Control of glare; and
 - b. LIGHT-R8- Artificial outdoor lighting: Control of light spill; and
 - c. The light spill standards LIGHT-S1 to LIGHT-S9
2. Artificial outdoor lighting must comply with the standards set out in both LIGHT-R7 and LIGHT-R8.

LIGHT-R2 [RCP, DP]

The following activities generating glare or light spill are exempt from the rules and standards referred to in LIGHT-R1 above:

1. Street lights; or
2. Navigation lights or aids; or
3. Traffic signals or aids; or
4. Reflected light or glare from structures, vehicles or vessels; or
5. Glare from the lights of vehicles or vessels; or
6. Temporary lighting for the purposes of emergency response or public safety.

LIGHT-R3 [RCP, DP]

Artificial lighting associated with signs is subject to specific standards in the SIGNS – Signs chapter.

LIGHT-R4 [RCP, DP]

Activities involving artificial outdoor lighting are also subject to rules and standards in the relevant zone chapters.

LIGHT-R5 [RCP, DP]

The standards for glare and light spill apply to any light directly generated by an artificial outdoor lighting installation, **in addition to and separate from** ambient or background light levels.

LIGHT-R6 [RCP, DP]

The standards for glare and lux spill will be measured and assessed in accordance with AS/NZ Standard 4282:2019 Control of the obtrusive effects of outdoor lighting.

Activity status

Rule	Use/Activity
LIGHT-R7	Artificial outdoor lighting: Control of glare
LIGHT-R9	Artificial outdoor lighting: Control of light spill

Activity	Permitted	Controlled	Discretionary/ Non-complying/ Prohibited
<p>LIGHT-R7</p> <p>Artificial outdoor lighting:</p> <p>Control of glare</p> <p>[RCP, DP]</p> <p>Legal effect on notification: No</p>	<p>1. Any artificial outdoor lighting is a permitted activity, provided that:</p> <p>a. it would not result in a greater than 2.5 lux glare, when measured horizontally or vertically, being directed into the path of vehicles on any road or vessels in the CMA – Coastal marine area.</p>	<p>2. Not applicable.</p>	<p>3. Any artificial outdoor lighting that contravenes LIGHT-R7.1. is a restricted discretionary activity.</p> <p>Discretion is restricted to:</p> <p>a. the risk of any artificial outdoor lighting causing a distraction to drivers, skippers or pilots, interfering with any traffic or navigation aids or signals or creating other impediments to the safe operation of the transport network; and</p> <p>b. the intensity, timing, duration and direction of any artificial outdoor lighting.</p>

Activity	Permitted	Controlled	Discretionary/ Non-complying/ Prohibited
<p>LIGHT-R8</p> <p>Artificial outdoor lighting:</p> <p>Control of light spill</p> <p>[RCP, DP]</p> <p>Legal effect on notification: No</p>	<p>1. Any artificial outdoor lighting is a permitted activity, provided that:</p> <ul style="list-style-type: none"> a. it complies with LIGHT-S1 if the light is received in any site located in any RESZ – Residential zone; or b. it complies with LIGHT-S2 if the light is received in any site located in any RURZ – Rural zone; or c. it complies with LIGHT-S3 if the light is received in any site located in any CMUZ – Commercial or mixed use zone; or d. it complies with LIGHT-S4 if the light is received in any site located in any INZ – Industrial zone; or e. it complies with LIGHT-S5 if the light is received in any site located in any 	<p>2. Not applicable.</p>	<p>3. Any artificial outdoor lighting that contravenes LIGHT-R.8.1.a to LIGHT-R8.1.i is a restricted discretionary activity.</p> <p>Discretion is restricted to:</p> <ul style="list-style-type: none"> a. the matters listed in LIGHT-S1, LIGHT-S2, LIGHT-S3, LIGHT-S4, LIGHT-S5, LIGHT-S6, LIGHT-S7, LIGHT-S8 and LIGHT-S9 for the standard not met; and b. whether the artificial outdoor lighting is necessary for public safety or security; and c. the intensity, timing, duration and direction of any artificial outdoor lighting.

Activity	Permitted	Controlled	Discretionary/ Non-complying/ Prohibited
	<p>OSRZ – Open space and recreation zone; or</p> <p>f. it complies with LIGHT-S6 if the light is received in any site located in the AIRPZ – Airport zone; or</p> <p>g. it complies with LIGHT-S7 if the light is received in any site located in the HOSZ – Hospital zone; or</p> <p>h. it complies with LIGHT-S8 if the light is received in any site located in the PORTZ – Port zone; or</p> <p>i. it complies with LIGHT-S9 if the light is received in any location in the CMA – Coastal marine area.</p>		

Standards

Standard	Use/Activity
LIGHT-S1	Light spill standards for the: RESZ – Residential zones

LIGHT-S2	Light spill standards for the: RURZ – Rural zones
LIGHT-S3	Light spill standards for the: CMUZ – Commercial and mixed use zones
LIGHT-S4	Light spill standards for the: INZ – Industrial zones
LIGHT-S5	Light spill standards for the: OSRZ – Open space and recreation zones
LIGHT-S6	Light spill standards for the: AIRPZ – Airport zone
LIGHT-S7	Light spill standards for the: HOSZ – Hospital zone
LIGHT-S8	Light spill standards for the: PORTZ – Port zone
LIGHT-S9	Light spill standards for the: CMA – Coastal marine area

Activity	Standard	Matters that discretion is restricted to where the activity does not comply with this Standard
<p>LIGHT-S1</p> <p>Light spill standards for the: RESZ – Residential zones [DP]</p> <p>Legal effect on notification: No</p>	<p>1. Maximum lux spill, when measured horizontally or vertically:</p> <p>a. 3 lux, at the boundary of any receiving site in a RESZ – Residential zone.</p>	<p>2. The potential for adverse effects on the amenity of the RESZ – Residential zone in which the artificial outdoor lighting is received.</p> <p>3. The potential for adverse effects on the amenity of residential units located in the RESZ – Residential zone, particularly where adverse effects relating to sleep disturbance or restrictions on the reasonable use of outdoor living areas are concerned.</p>
<p>LIGHT-S2</p> <p>Light spill standards for the: RURZ – Rural zones [DP]</p> <p>Legal effect on notification: No</p>	<p>1. Maximum lux spill, when measured horizontally or vertically:</p> <p>a. 30 lux, at the boundary of any receiving site in any RURZ – Rural zone; and</p>	<p>2. The potential for adverse effects on the amenity of any RURZ – Rural zone in which the artificial outdoor lighting is received.</p> <p>3. The potential for adverse effects on the amenity of residential units or visitor</p>

Activity	Standard	Matters that discretion is restricted to where the activity does not comply with this Standard
	<ul style="list-style-type: none"> b. 10 lux, at the exterior wall of any residential unit or building used for visitor accommodation in any RURZ – Rural zone. 	<p>accommodation located in any RURZ – Rural zone, particularly where adverse effects relating to sleep disturbance or restrictions on the reasonable use of outdoor living areas are concerned.</p>
<p>LIGHT-S3 Light spill standards for the: CMUZ – Commercial and mixed use zones [DP] Legal effect on notification: No</p>	<ul style="list-style-type: none"> 1. Maximum lux spill, when measured horizontally and vertically: <ul style="list-style-type: none"> a. 30 lux, at the boundary of any receiving site in any CMUZ – Commercial or mixed use zone; and b. 10 lux, at the exterior wall of any residential unit or building used for visitor accommodation in a CMUZ – Commercial or mixed use zone. 	<ul style="list-style-type: none"> 2. The potential for adverse effects on the amenity and safe and efficient operation of activities within any CMUZ – Commercial or mixed use zone in which the artificial outdoor lighting is received. 3. The potential for adverse effects on the amenity of residential units or visitor accommodation located in any CMUZ – Commercial or mixed use zone, particularly where adverse effects relating to sleep disturbance or restrictions on the reasonable use of outdoor living areas are concerned.
<p>LIGHT-S4 Light spill standards for the: INZ – Industrial zones [DP] Legal effect on notification: No</p>	<ul style="list-style-type: none"> 1. Maximum lux spill, when measured horizontally and vertically: <ul style="list-style-type: none"> a. 50 lux, at the boundary of any receiving site in any INZ – Industrial zone. 	<ul style="list-style-type: none"> 2. The potential for adverse effects on the safe and efficient operation of activities within any INZ – Industrial zone in which the artificial outdoor lighting is received.
<p>LIGHT-S5 Light spill standards for the: OSRZ – Open space and recreation zones</p>	<ul style="list-style-type: none"> 1. Maximum lux spill, when measured horizontally and vertically: 	<ul style="list-style-type: none"> 2. The potential for adverse effects on the amenity of any OSRZ – Open space and recreation zone in which the

Activity	Standard	Matters that discretion is restricted to where the activity does not comply with this Standard
<p>[DP] Legal effect on notification: No</p>	<p>a. 30 lux, at the boundary of any receiving site in the SARZ – Sport and active recreation zone; and</p> <p>b. 10 lux, at the boundary of any receiving site in a NOSZ – Natural open space zone or OSZ – open space zone.</p>	<p>artificial outdoor lighting is received.</p> <p>3. The potential for adverse effects on the amenity of residential units located in any RESZ – Residential zone, particularly where adverse effects relating to sleep disturbance or restrictions on the reasonable use of outdoor living areas are concerned.</p>
<p>LIGHT-S6 Light spill standards for the: AIRPZ – Airport zone [DP] Legal effect on notification: No</p>	<p>1. Maximum lux spill, when measured horizontally and vertically:</p> <p>a. 50 lux, at the boundary of any receiving site in the AIRPZ – Airport zone.</p>	<p>2. The potential for adverse effects on the safe and efficient operation of activities within any AIRPZ – Airport zone in which the artificial outdoor lighting is received.</p>
<p>LIGHT-S7 Light spill standards for the: HOSZ – Hospital zone [DP] Legal effect on notification: No</p>	<p>1. Maximum lux spill, when measured horizontally and vertically:</p> <p>a. 30 lux, at the boundary of any receiving site in the HOSZ – Hospital zone.</p>	<p>2. The potential for adverse effects on the amenity and the safe and efficient operation of activities within any HOSZ – Hospital zone in which the artificial outdoor lighting is received.</p>
<p>LIGHT-S8 Light spill standards for the: PORTZ – Port zone [DP] Legal effect on notification: No</p>	<p>1. Maximum lux spill, when measured horizontally and vertically:</p> <p>a. 50 lux, at the boundary of any receiving site in the PORTZ – Port zone.</p>	<p>2. The potential for adverse effects on the safe and efficient operation of activities within any of the PORTZ – Port zone in which the artificial outdoor lighting is received.</p>
<p>LIGHT-S9 Light spill standards for the: CMA – Coastal marine area</p>	<p>1. Maximum lux spill, when measured horizontally and vertically:</p>	<p>2. The potential for adverse effects on the amenity and the safe and efficient operation of activities within</p>

Activity	Standard	Matters that discretion is restricted to where the activity does not comply with this Standard
<p>[RCP] Legal effect on notification: No</p>	<ul style="list-style-type: none"> a. 10 lux, at the boundary of any receiving site in any RURZ – Rural zone, NOSZ – Natural open space zone or OSZ – Open space zone; and b. 3 lux, at the boundary of any receiving site in any RESZ – Residential zone. 	<p>the Coastal marine area in which the artificial outdoor lighting is received.</p>