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Dear Cameron McLeish

**Gold Coast Health and Knowledge Precinct - RDCoE
Façade Glazing Light and Solar (Heat) Reflectivity**

The Parklands Priority Development Area (PDA) Development Scheme is understood not to have specific solar light or solar heat reflectivity targets as a requirement for the RDCoE building façade performance. In lieu of a specific target the limit of 20% external solar light reflectivity is proposed. This is the approach typically taken, for example by Brisbane City Council. This limit will be achieved through material selection and specifying as a performance requirement. An example of glazing product is indicated in the table below, with the figure VLR (external solar light reflectivity) being less than the proposed 20%. Final glass product selection may vary from that indicated in the table below, however will achieve the 20% limit.

The solar light reflectivity and associated visual glare discomfort experienced by pedestrians, adjacent building occupants, vehicle operators and the like is anticipated to be generally within internationally accepted comfort metrics. There may be some times of the day and year where visual glare is uncomfortable. This is transient in nature and assumed to be acceptable.

Table 1: Example Glazing Products

Product	Visible Light Reflectance Out (VLR) (%)	Proposed Requirement ≤ 20%
6Clear YTE0154C-HT(#2)+12A+10Clear	17	Meets proposed requirement
6Low Iron YTE0654C-HT(#2)+12A+10Low Iron	18	Meets proposed requirement

Yours faithfully



Brandon Kieseker
Regional Manager Queensland
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On behalf of
Inhabit Australasia Pty Ltd