Claims

1. A cover member for a photovoltaic (PV) device, the cover member comprising at least two coloured and/or patterned areas, wherein each of the at least two coloured and/or patterned areas provides uniform light transmittance such that in use, each solar cell comprised in the PV device has the same electrical efficiency, wherein the light transmittance is determined by print opacity and ink density of each of the at least two coloured and/or patterned areas.

2. The cover member according to claim 1, wherein each of the at least two coloured and/or patterned areas comprises at least two colours.

3. The cover member according to claim 1 or 2, wherein each of the at least two coloured and/or patterned areas comprises the same or different colours.

4. The cover member according to any preceding claim, wherein each of the at least two coloured and/or patterned areas comprises the same or different pattern.

5. The cover member according to any preceding claim, wherein the electrical efficiency is measured by the short-circuit current.

6. The cover member according to any preceding claim, wherein the at least two coloured and/or patterned area is formed by: screen printing, digital printing, frit printing, interference coating, sputter coating, scattering, spectrally selective reflective material, or a combination thereof.

7. The cover member according to any preceding claim, wherein the cover member is made of: glass, thermoplastic polymer, poly(methyl methacrylate), polycarbonate, or a combination thereof.

8. The cover member according to any preceding claim, wherein the cover member is provided on or adjacent a surface of a solar cell comprised in a PV device.

9. The cover member according to claim 8, wherein the solar cell comprises: perovskite solar cell, cadmium telluride (CdTe), copper indium selenide (CIS), copper

indium gallium selenide (CIGS) solar cell, copper indium gallium sulphur selenide (CIGSSe) solar cell, silicon solar cell, organic photovoltaic, or a combination thereof.

10. The cover member according to claim 8 or 9, wherein the PV device is comprised in a building-integrated photovoltaic (BIPV) module.