

FLAT OPTIX™



CIRCA

Ambient Interior Luminaire featuring Flat Optix™

- Delivers up to 6500 lumens
- Die-cast aluminum frame powder coated white
- Light emitting surfaces are edge-lit acrylic for uniform illumination
- Micro-prismatic lens delivers a Unified Glare Rating (UGR) of less than 19
- Sizes: 18", 24", and 36" diameters, 1.5" Height



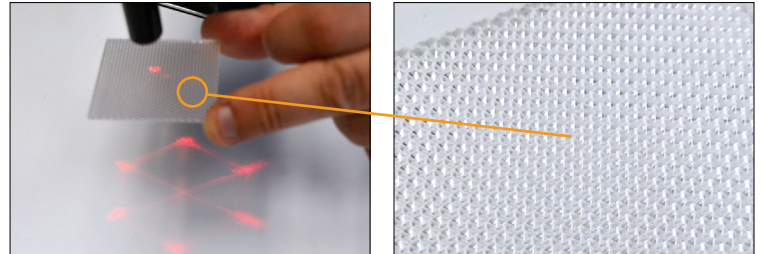
SKYLER

Volumetric Flat Panel Luminaire featuring Flat Optix™

- Delivers up to 5700 Lumens
- Die-cast aluminum frame powder coated white
- Light emitting surfaces are edge-lit acrylic for uniform illumination
- Micro-prismatic lens delivers a Unified Glare Rating (UGR) of less than 19
- Sizes: 2 x 2 and 2 x 4, 2.3" Height

Flat Optix™ Lens

Unified Glare Rating (UGR) is a dimensionless parameter, which provides information into the degrees of psychological glare of lighting installation in an indoor space. Deco's Flat Optix technology is the optimal solution for redirecting high-angle light, and reducing visual glare. The light above 60° is suppressed to improve the Unified Glare Rating (UGR). This allows for the luminaire to be IESNA RP1-04 & EN12464 compliant, which are standards for office and indoor lighting. With Flat Optix providing the most optimal, glare-free illumination from any viewing angle, occupants of the interior space will not be affected by the harsh glare that is delivered by high efficacy, low quality luminaires.



Unified Glare Rating (UGR)

DECO LED Flat Panel with Flat Optix™ Lenses:

- Light is redirected from 60° to 90° degrees of luminaire, UGR <19
- Conical structures built into the lens minimize high angle glare
- Allows for increased efficacy, rather than lumen output glaring at occupants
- High efficiency and energy saving
- Protection class: IP44 Damp Location Rated
- Increased productivity

Standard LED Flat Panel:

- Harsh glare at viewing angles above 60°, UGR >24
- Wide beam angle at 120°
- Uncomfortable glare
- Reduction in visibility caused by intense light source in field of view
- Protection class: IP22 protects only from objects greater than 12 millimeters
- Loss of productivity



□ = Volumetric flat panel with micro-prismatic lens will reduce glare going into the occupant's eyes
 — = 90° = 60°



■ = High glare flat panel makes occupant's eyes feel uncomfortable
 — = 90° = 60°