

PANOS was developed in collaboration with Sottsass Associati with the skylight of the Pantheon in mind. Natural light as inspiration requires a light source and a reflector which is able to match it. To achieve this, a unique combination of LED chip and high-quality reflector was developed. With the resulting unmatched, precise light distribution and an efficacy up to 122 lm/W, PANOS prides itself as a game-changing luminaire.



Highly Efficient Passive Cooling System Made of Aluminum

The compact design of the heat sink allows for effective LED cooling.

Highly Efficient Lighting Chamber

Highly reflective surfaces in the mixing chamber are perfectly supplemented by a diffuser film, allowing an extraordinary degree of illuminance. This unique mixing chamber allows for efficiencies close to 100 percent.

Highly Flexible Design

If necessary due to installation restrictions or lighting requirements the mounting height can be changed to high or low by removing the spacer ring and changing the reflector accordingly. (optional)

High-Quality Reflector Technology

The reflector designs are comprised of compounded polycarbonate and micro-thin, high-quality sputtered finish, which yields superior, high-performance optical solutions. The choice of this compound material was inspired by space technology, where it has proven to be a strong yet lightweight solution mostly used for space helmets. The material allows for a vast range of reflector finishes to choose from.

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Zumtobel Lighting, Inc. (Americas Division), based in Highland, New York, is a subsidiary of Zumtobel Group AG. As an innovation leader in the North and South American markets, Zumtobel provides next-generation lighting solutions and luminaires. Designed in both the United States and Austria, Zumtobel luminaires are manufactured in Highland, New York. Zumtobel Lighting, Inc. strives to meet the evolving needs of its customers and ships its most popular product in 10 days or less and standard product offerings within 4 – 6 weeks with an industry leading 98% on-time delivery rate.

Zumtobel is a brand of Zumtobel AG with its head office in Dornbirn, Vorarlberg (Austria).



ZUMTOBEL

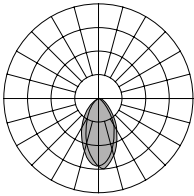
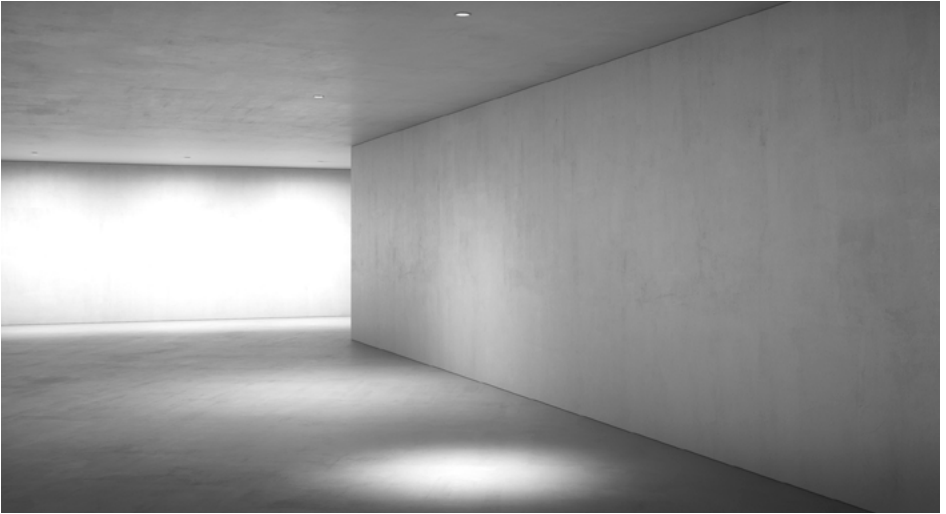


PANOS

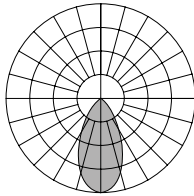
Unparalleled lighting quality
with ground-breaking efficiency

“I don’t think light is just about a quantity of lumen. Sometimes light is about the complete sky falling into a room or space.”

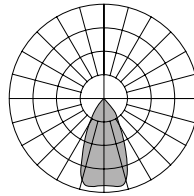
Chris Redfern | Sottsass Associati www.sottsass.it



Wall Wash



Low Reflector
60° Cut Off



High Reflector
45° Cut Off

Easy to install

PANOS includes tried-and-tested installation functions. The reflectors are simply attached to the LED module via a twist-and-lock fastener, while a mounting ring provides for safe fastening of the luminaire on the ceiling. In line with the fastening concept, planar rings are inserted and leveled into the ceiling for quick and easy installation – with no housing required.



Mounting ring/frame



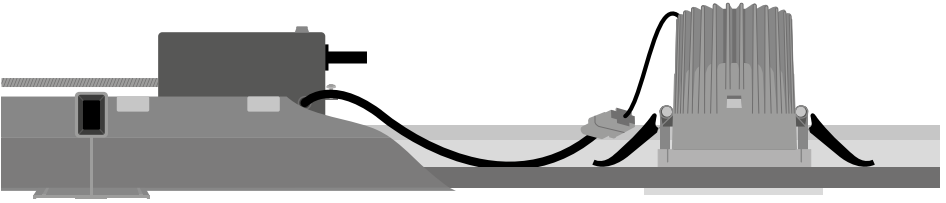
LED module



Reflector

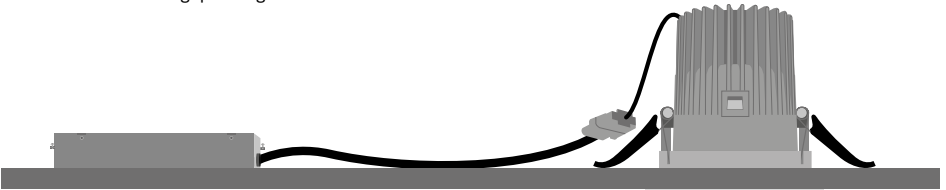
Installs 50% faster

One of the greatest innovations of PANOS for the North America market is that there is no bulky, cumbersome housing. Whether the installation is for drywall or a grid ceiling, the PANOS downlight can be installed out of the box right into the ceiling at twice the speed of a comparable downlight with housing. PANOS downlight is durable, rugged and has been evaluated by and meets the UL product safety standards through an accredited Nationally Recognized Testing Laboratory. This new, innovative approach will not only save installation time, but makes maintenance plug&play-easy.



Grid (New & Re-furbish)

Sitting directly on the grid, the special driver module adds no additional weight to the tile. Weighing only 1.5 to 3 lbs., PANOS is mounted directly into the tile tightly and securely, leaving no visible gaps or light leaks.



Drywall (New & Re-furbish)

The only difference between the PANOS downlight in a drywall installation compared to a grid ceiling installation is that it is offered in both a flange and flangeless versions. While still benefiting from the principles of plug&play installation and ease of maintenance, the driver is in a separate enclosure, which allows installation after drywall from below in up to 1 3/4" thick ceilings.



All Zumtobel lighting products have been evaluated to and are compliant with ANSI/UL product safety standards through an accredited Nationally Recognized Testing Laboratory (NRTL). All luminaires IBEW Union Made.

Downlight

Flanged Flangeless



2.25"

Round and Square

3.5"

Round and Square

4.75"

Square only

5.25"

Round only

Delivered Lumens
464 lm – 840 lm

Delivered Lumens
709 lm – 2069 lm

Delivered Lumens
896 lm – 2208 lm

Delivered Lumens
918 – 2328 lm

Color Temperature
2700 K
3000 K
3500 K
4000 K

Color Temperature
2700 K
3000 K
3500 K
4000 K

Color Temperature
2700 K
3000 K
3500 K
4000 K

Color Temperature
2700 K
3000 K
3500 K
4000 K

Watts
13 W

Watts
13 W
19 W

Watts
13 W
19 W

Watts
13 W
19 W

Luminaire Efficacy
up to 65 lm/W

Luminaire Efficacy
up to 108 lm/W

Luminaire Efficacy
up to 116 lm/W

Luminaire Efficacy
up to 122 lm/W

Beam Angle
Spot 15° Beam
(Faceted Only)
Flood 24° Beam
Very Wide Flood 51°
Beam

Cut Off Angle
Low: 60° Cut Off
High: 45° Cut Off

Cut Off Angle
Low: 78° Cut Off
High: 62° Cut Off

Cut Off Angle
Low: 76° Cut Off
High: 60° Cut Off

Color Rendering Index
80+ or 90+

Color Rendering Index
80+ or 90+

Color Rendering Index
80+ or 90+

Color Rendering Index
80+ or 90+

Reflector Finish
Clear Specular
Clear Semi-Specular
Faceted
Matte Silver
White
Gold

Reflector Finish
Clear Specular
Clear Semi-Specular
Matte Silver
White
Gold

Reflector Finish
Clear Specular
Clear Semi-Specular
Faceted
Matte Silver
White

Reflector Finish
Clear Specular
Clear Semi-Specular
Faceted
Matte Silver
White

Wallwasher

Flanged Flangeless



2.25"
Round and Square

Delivered Lumens
579 lm – 817 lm

Color Temperature
2700 K
3000 K
3500 K
4000 K

Watts
13 W

Luminaire Efficacy
up to 76 lm/W

Color Rendering Index
80+ or 90+

Reflector Finish
Clear Specular
Clear Semi-Specular
Matte Silver
White



3.5"
Round and Square

Delivered Lumens
587 lm – 950 lm
973 lm – 1576 lm

Color Temperature
2700 K
3000 K
3500 K
4000 K

Watts
12 W
18 W

Luminaire Efficacy
up to 88 lm/W

Color Rendering Index
80+ or 90+

Reflector Finish
Clear Specular
Clear Semi-Specular
Matte Silver
White



5.25"
Round only

Delivered Lumens
551 lm – 892 lm
901 lm – 1459 lm

Color Temperature
2700 K
3000 K
3500 K
4000 K

Watts
12 W
18 W

Luminaire Efficacy
up to 81 lm/W

Color Rendering Index
80+ or 90+

Reflector Finish
Clear Specular
Clear Semi-Specular
Matte Silver
White