

Dusk Series

DOWNLIGHT

Simulate the nature of dusk light with the Dusk Series. Adjust the colour temperature in homes, bars, restaurants and hotels throughout the day to improve ambience and productivity.

The perfect ambience in residential and hospitality projects is now possible with revolutionary sunset dimming technology. Inspired by sunsets, this technology emulates the light of the sun going down. The Dusk Series delivers an innovative LED system that can be dimmed from 3,000K to 2,000K. This Dusk Series is available in the form of our signature Titanium Downlight or Apex Downlight.

In certain applications such as hotels and restaurants, a warmer atmosphere and ambience is desired. Previously, the only option to achieve this was through traditional halogen lamps. With the Titanium Dusk Downlight's sunset dimming technology, this ambience can be achieved with state-of-the-art LEDs whilst reaping all the energy and performance benefits of LED technology.



3000K 2000K

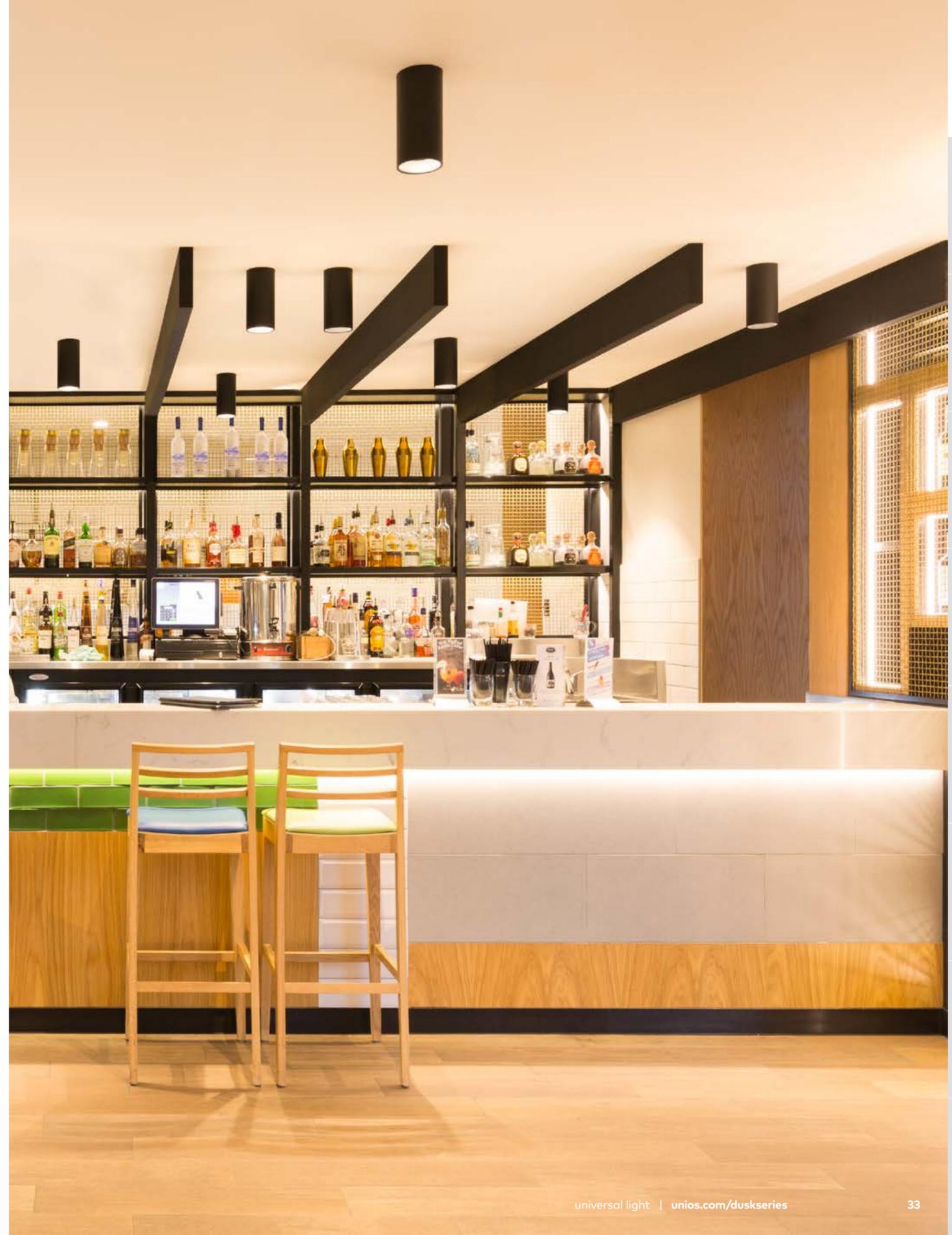
For hotels in the morning, a brighter 3000K colour temperature allows for practical task lighting to start the day off.

During the day, the colour temperature can be adjusted to a warmer 2700K for an inviting but still bright ambience.

At the end of the night, the colour temperature can be dimmed down to a warm 2000K for a softer and more comfortable atmosphere.



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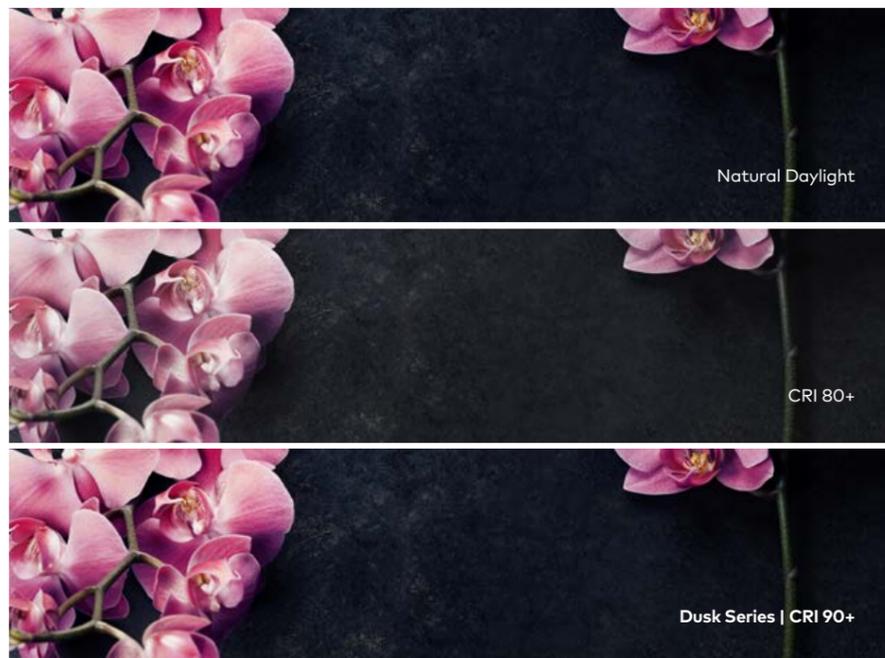
Colour Tuning / CRI 90+

DOWNLIGHT

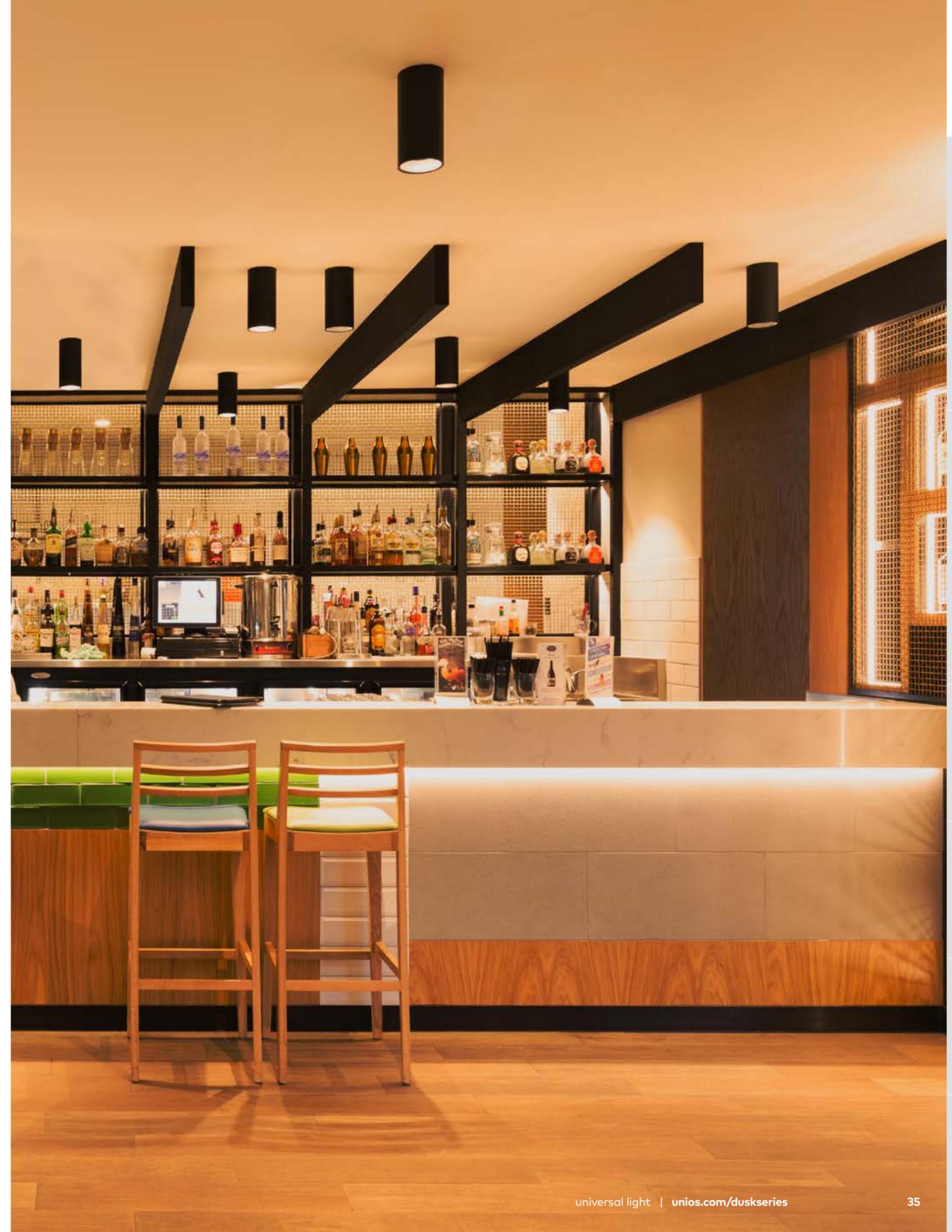
The Dusk Series delivers class-leading colour quality with a CRI of 90 that is unmatched in this type of colour tuning technology.

The CRI of a luminaire describes how naturally a source of light displays a set of different test colours. It is a measure of a light source's ability to replicate true colours. With the onset of LED technology that allows colour tuning, not all types of this technology are developed the same to produce excellent colour rendering.

With extensive research and development, we made brilliant colour rendering a key criteria to our implementation of colour tuning technology. With this higher CRI, our Dusk Series is able to replicate the quality of colour that natural daylight represents. From the warmest white to a warm white, you can be assured superior colour rendering in the Dusk Series.



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APEX DUSK DOWNLIGHT



Medium (105mm)
Measurements (mm)



Absolute Luminous Flux
13W (350mA)
800lm (at 3000K)
Beam
15° (P) | 40° (M) | 70° (W) | 92° (F)

Finishes

UV Textured Black
UV Textured White
Anodised Aluminium

General Specifications

Material | Powder Coated Aluminium
IP | 65
UGR (Unified Glare Rating) | <19
Warranty | 5 Years

LED

Colour Temp | 3000K – 2000K
CRI | 90+
Efficacy | Up to 59lm/w
Colour Deviation | SDCM ≤ 3
Lifetime | >60,000h L70

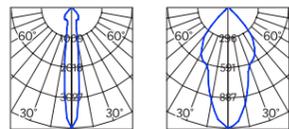
Driver

Power Factor | >0.90
240V Remote PC Dimmable Driver
Dimming | LED Phase-Cut Dim (PC)
DALI Dim Optional

Notes

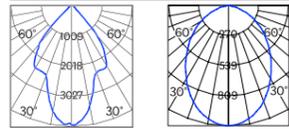
To operate Dusk technology, an LED Phase Cut Dimmer must be used.

Photometrics



α = 15°

α = 40°



α = 70°

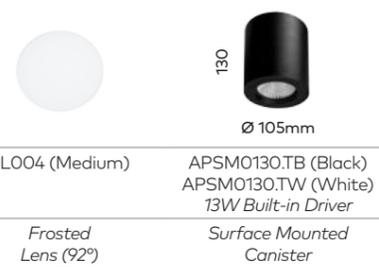
α = 92° (Frosted)



Chip on Board (COB) Technology

To eliminate uniformity issues of multiple emitters in other colour tuning technology, we have equipped all Dusk Series luminaires with COB technology. This not only improves performance but also allows for an alluring clear lens aesthetic that wouldn't be possible in other forms of colour tuning technology.

Accessories



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A	B	C	D	E	F
APEX	0105	TB	DK	M	Driver
Product Family: APEX Apex Dusk Downlight					
Diameter: 105mm					
Finish: Textured Black, Textured White, Anodised Aluminium					
CCT: Dusk					
Beam: Pencil, Medium, Wide, Flood					
Driver (DALI drivers can be configured via Product Toolbox): 350mA 21-42VDC IP20 Phase Cut					
Example: APEX0105.TB DK.M-PC035001					

Refer to data sheet for available configurations.
Visit Product Toolbox at unios.com/apexdusk to configure compatible Osram/Triadic DALI drivers.