

Caelis restaurant,  
Barcelona, Spain





## DOWNITO® 70



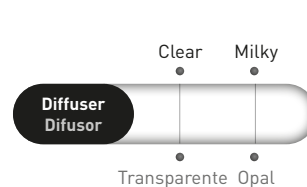
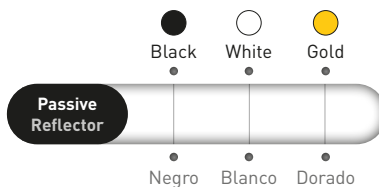
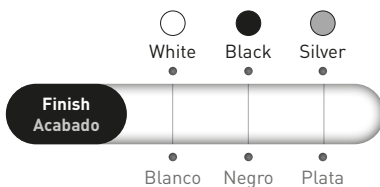
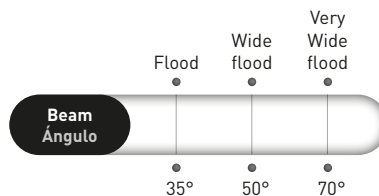
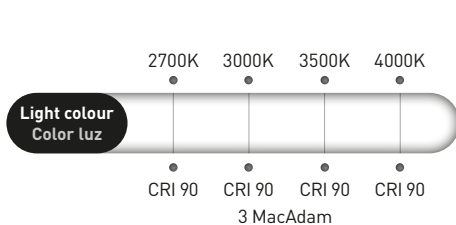
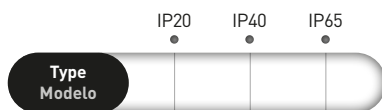
# DOWNITO®70

ADJUSTABLE (+/- 30°)

UGR <19

- LED downlight for accent lighting
- Smart reflector: active + passive (paintable)
- IP20, IP40 and IP65 types
- Luminous flux 900 lm
- Luminaire efficiency 89 lm/W
- 3 beam angles: 35°, 50° and 70°
- Accessories available: honeycomb and milky diffuser
- Thermal test certificate

- Downlight LED para iluminación de acento
- Reflector inteligente: activo + pasivo (pintable)
- Modelos IP20, IP40 y IP65
- Flujo lumínico 900 lm
- Eficiencia de la luminaria 89 lm/W
- 3 ángulos de apertura: 35°, 50° y 70°
- Accesorios disponibles: panel de abeja y difusor opal
- Test térmico certificado



The standard IP20 version is delivered with chromed reflector. Driver not included.  
La versión estándar IP20 se suministra con reflector cromado. Driver no incluido.

The standard IP40 or IP65 version is delivered with clear diffuser and chromed reflector. Driver not included.  
La versión estándar IP40 o IP65 se suministra con difusor transparente y reflector cromado. Driver no incluido.

**SPECIFICATIONS**  
**CARACTERÍSTICAS**

UGR <19	IP20 IP40 IP65		on/off	DALI	1-10V	Driver Not Included	AL Housing	Ta min -20°C -4°F Ta max +50°C +122°F	CE
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Downito® 70				
Measures	Ø73 x 86 mm			
Weight	0,3 kg			
10 W (350 mA)				
Color temperatures	<b>2700K - CRI 90</b>	<b>3000K - CRI 90</b>	<b>3500K - CRI 90</b>	<b>4000K - CRI 90</b>
Lumens output	35° - 694 lm 50° - 788 lm 70° - 803 lm	35° - 731 lm 50° - 830 lm 70° - 846 lm	35° - 752 lm 50° - 853 lm 70° - 869 lm	35° - 765 lm 50° - 869 lm 70° - 885 lm
Luminaire efficiency	69 to 80 lm/W	73 to 85 lm/W	75 to 87 lm/W	77 to 89 lm/W



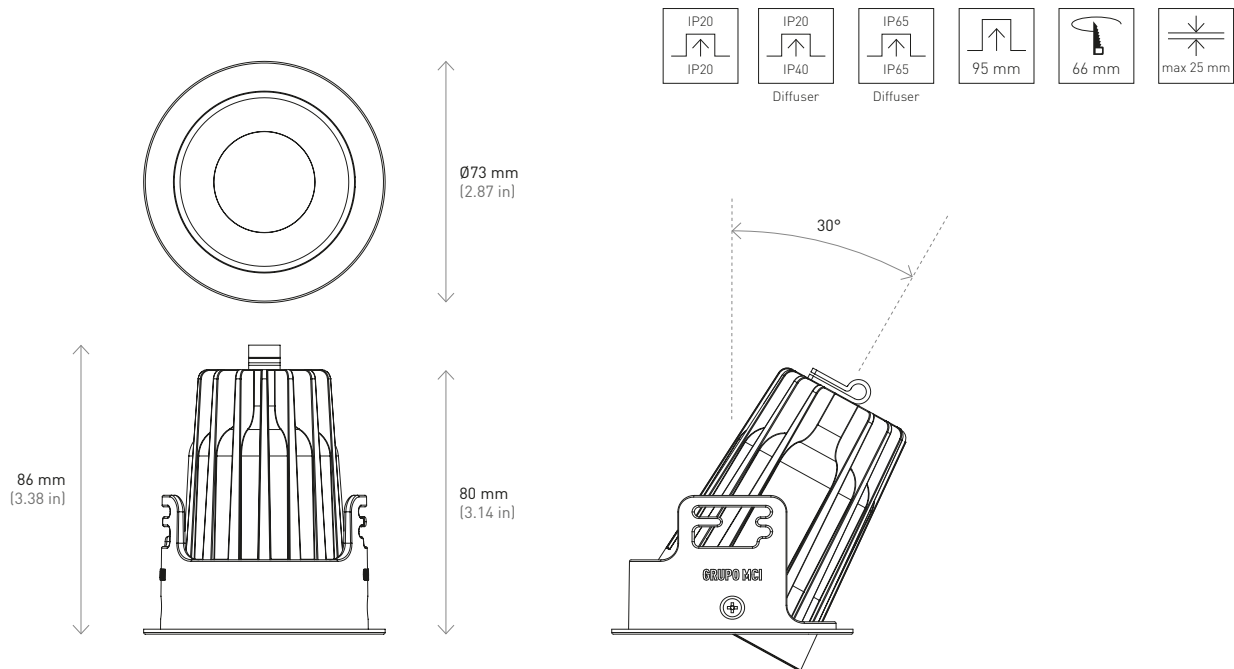
Color temperature conform to ANSI C78.377A.  
Lumens measurement conform to LM-79-08.  
Lumens maintenance conform to LM-80-08.

Temperatura de color según normativa ANSI C78.377A.  
Medición lumens según normativa LM-79-08.  
Mantenimiento lumens según normativa LM-80-08.

Room Mate Anna Hotel,  
Barcelona, Spain

# DOWNITO® 70

## MEASURES MEDIDAS



## FINISHES ACABADOS

In order to satisfy all our customers, three different finishes are available: white, silver and black.  
Con el fin de satisfacer las necesidades de nuestros clientes, está disponible en tres acabados: blanco, plata y negro.



White.  
Blanco. (RAL 9003)



Silver.  
Plata. (RAL 9006)



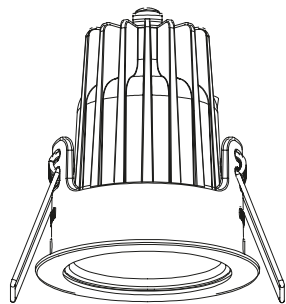
Black.  
Negro. (RAL 9011)

## DETAILS DETALLES

Different finishes for the passive reflector are available: white, black and gold.  
Se pueden escoger diferentes acabados para el reflector pasivo: blanco, negro y dorado.



DETAILS  
DETALLES



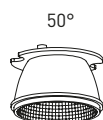
COB



COB holder



35°



50°



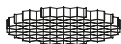
70°

Active reflector  
(Engineering by Bartenbach)



Gasket

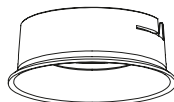
Honeycomb (IP20)



Diffuser (IP40 & IP65)

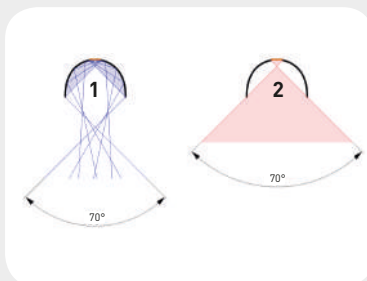
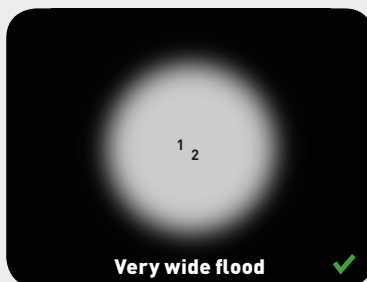
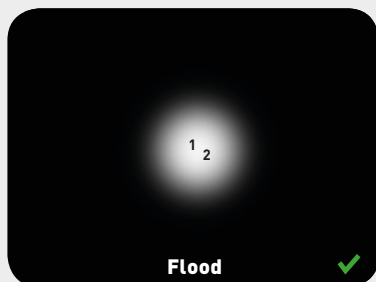


Honeycomb accessory (IP20)  
or  
Diffuser (IP40 & IP65)  
Clear and Milky



Passive reflector (paintable)

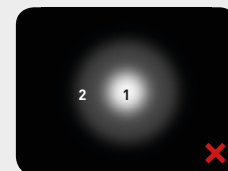
MCI TECHNOLOGY



Reflected light (1) + Direct light (2) = **MATCH**  
**CONCLUSION:**  
There is no residual light and maximum efficiency.

Luz reflejada (1) + Luz directa (2) = **COINCIDEN**  
**CONCLUSIÓN:**  
No hay luz residual y máxima eficiencia.

OTHER TECHNOLOGIES



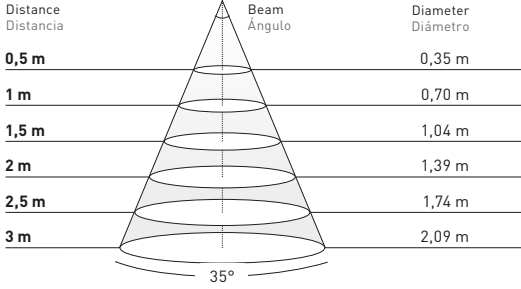
Halo shapes and low efficiency  
Halos y baja eficiencia

# DOWNITO® 70

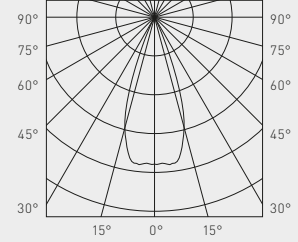
## LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

### Downito® 70

10 W 35°

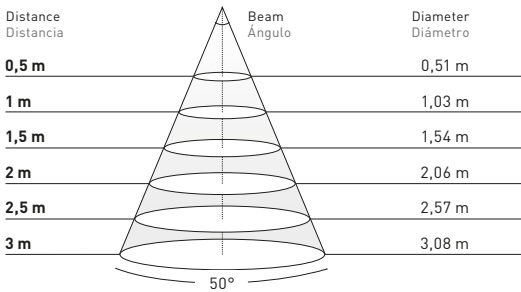


	2700K	3000K	4000K
0,5 m	7.614 lux	8.015 lux	8.336 lux
1 m	1.903 lux	2.004 lux	2.084 lux
1,5 m	846 lux	891 lux	852 lux
2 m	476 lux	501 lux	521 lux
2,5 m	305 lux	321 lux	334 lux
3 m	211 lux	223 lux	232 lux

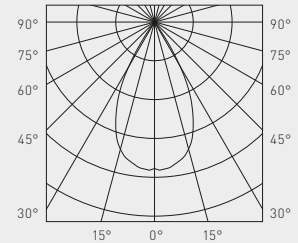


### Downito® 70

10 W 50°

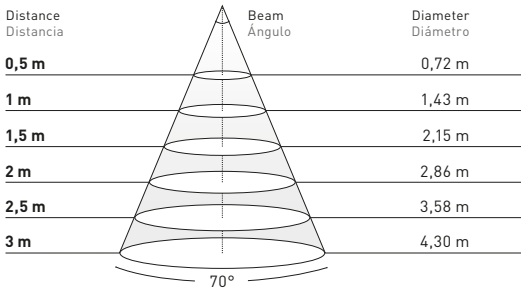


	2700K	3000K	4000K
0,5 m	4.537 lux	4.776 lux	4.967 lux
1 m	1.134 lux	1.194 lux	1.242 lux
1,5 m	504 lux	531 lux	552 lux
2 m	284 lux	299 lux	311 lux
2,5 m	181 lux	191 lux	199 lux
3 m	126 lux	133 lux	138 lux

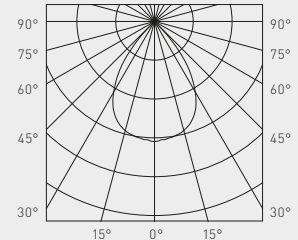


### Downito® 70

10 W 70°



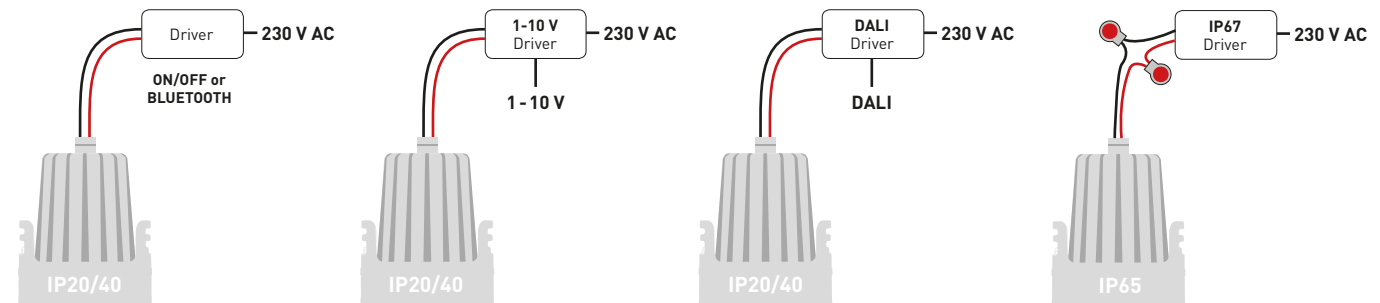
	2700K	3000K	4000K
0,5 m	2.831 lux	2.980 lux	3.099 lux
1 m	716 lux	745 lux	775 lux
1,5 m	314 lux	331 lux	344 lux
2 m	176 lux	186 lux	193 lux
2,5 m	113 lux	119 lux	124 lux
3 m	79 lux	83 lux	86 lux



Data calculated with Downito® 70 with clear diffuser.  
Lumen measurement complies with UNE-EN 13032 / IES LM-79-08 testing procedures.  
Light distribution curves are available at [www.mclight.com](http://www.mclight.com).  
Due to continuous improvements and innovations, specifications may change without notice.

Datos calculados con Downito® 70 con difusor transparente.  
Ensayado bajo las especificaciones de la norma UNE-EN 13032 / IES LM-79-08.  
Fotometrías disponibles en [www.mclight.com](http://www.mclight.com).  
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

## CONNECTIONS CONEXIONES



REFERENCES  
REFERENCIAS

7113 X X X /XX/XX

COLOR COLOR

- /90/2K7 2700K
- /90/3K 3000K
- /90/3K5 3500K
- /90/4K 4000K

BEAM ÁNGULO

- 0 35°
- 1 50°
- 2 70°

FINISHES ACABADOS

- 0 Silver Plata
- 2 Black Negro
- 3 White Blanco

TYPE MODELO

- 0 IP20
- 1 IP40 Diffuser Difusor
- 3 IP65 Diffuser Difusor

OPTIONS  
OPCIONES

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PASSIVE REFLECTOR REFLECTOR PASIVO

- Chrome Cromado (Standard)
- Black Negro
- White Blanco
- Gold Dorado

DIFFUSER DIFUSOR (IP40 & IP65)

- Clear Transparente (Standard)
- Milky Opal

HONEYCOMB PANEL DE ABEJA (IP20)

- Honeycomb Panel de abeja
- Without Honeycomb Sin panel de abeja (Standard)

The Honeycomb must be ordered together with the lighting fixture. El Panel de abeja debe pedirse junto con la luminaria.

DRIVERS REFERENCES  
REFERENCIAS DRIVERS



Drivers 350mA			
3091007	On-Off Led Driver 350mA 3.5W-15W	Led Driver 350mA 3.5W-15W On-Off	1
3090701	1-10V Led Driver Multi-power 0W-20W	Led Driver Multi-power 0W-20W 1-10V	2
3090702	DALI Led Driver Multi-power 0W-32W	Led Driver Multi-power 0W-32W DALI	3
IP67 Drivers 350mA			
3090787	On-Off Led Driver IP67 350mA 0-16W	Led Driver IP67 350mA 0-16W On-Off	4
3090788	1-10V Led Driver IP67 350mA 0-16W	Led Driver IP67 350mA 0-16W 1-10V	5
Drivers multi-power Bluetooth			
7150930	Casambi Led Driver Multi-power 300mA-1050mA 38W	Led Driver Multi-power 300mA-1050mA 38W Casambi	
7150931	Zigbee Led Driver Multi-power 300mA-1050mA 38W	Led Driver Multi-power 300mA-1050mA 38W Zigbee	

ACCESSORIES REFERENCES  
REFERENCIAS ACCESORIOS



M083025	UR2 3M end piece connector	Conector - Terminal UR2 3M	1
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To control the luminaires via Bluetooth see page 312  
Para controlar las luminarias via Bluetooth consultar página 312