



DOWNITO® 70



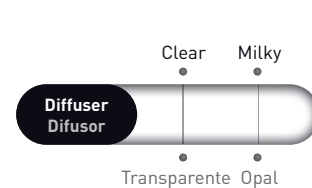
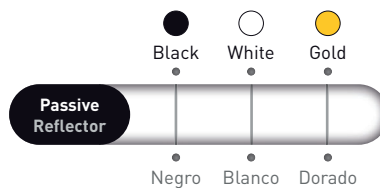
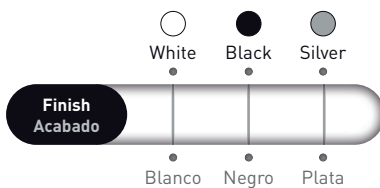
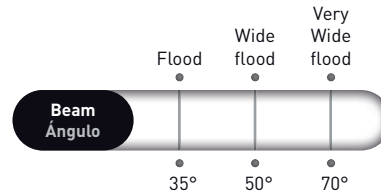
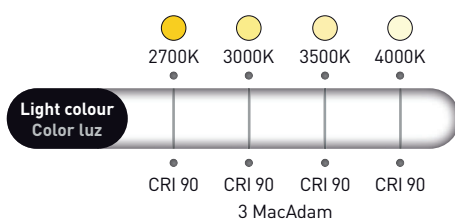
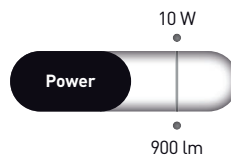
DOWNITO®70

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

	IP20 IP40 IP65	UGR <19	on/off	DALI	1-10V	Driver Not Included	AL Housing	L80 B10 >60.000h Ta +25°C	Ta min -20°C -4°F Ta +50°C max +122°F	
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Downito® 70				
Measures	Ø73 x 86 mm			
Weight	0,3 kg			
10 W (350 mA)				
Color temperatures	2700K - CRI 90	3000K - CRI 90	3500K - CRI 90	4000K - CRI 90
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

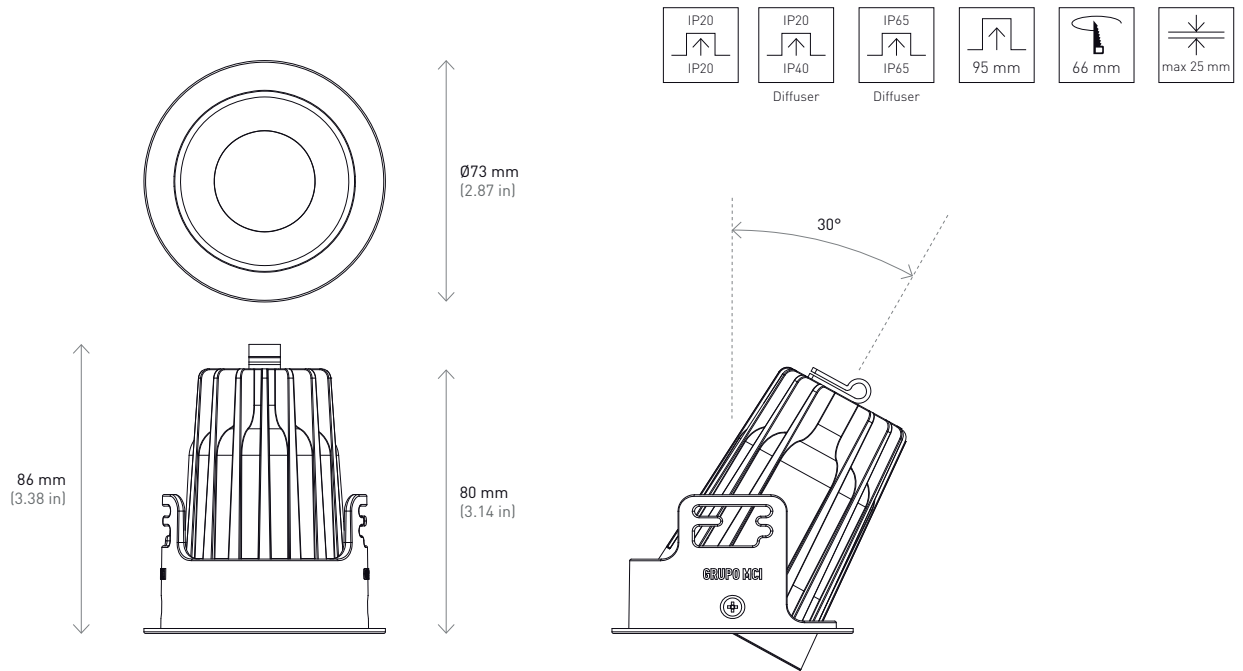


Room Mate Anna Hotel,
Barcelona, Spain

Color temperature conform to ANSI C78.377A.
Temperatura de color según normativa ANSI C78.377A.

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)



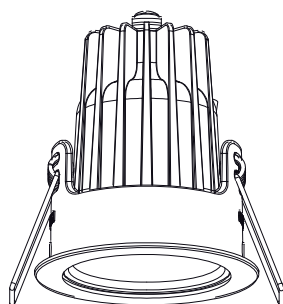
Black.
Negro. (RAL 9011)

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)

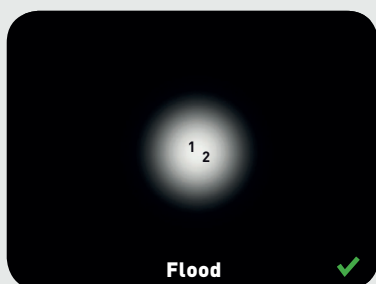


Honeycomb accessory (IP20)
or
Diffuser (IP40 & IP65)
Clear and Milky

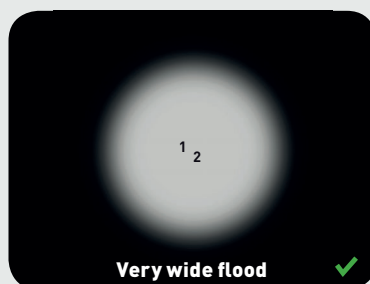


Passive reflector (paintable)

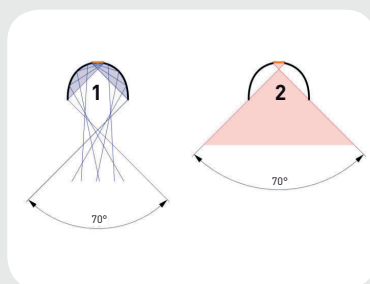
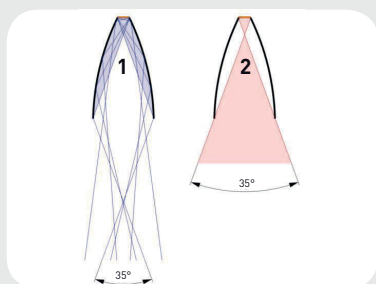
MCI TECHNOLOGY



Flood



Very wide flood



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



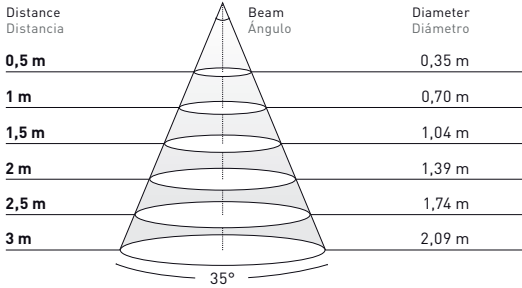
Halo shapes and low efficiency
Halos y baja eficiencia

DOWNITO® 70

LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

Downito® 70

10 W 35°

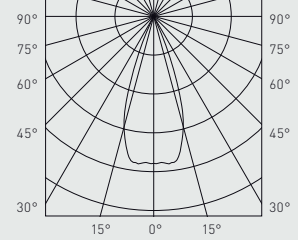


Distance / Distancia	Beam / Ángulo	Diameter / Diámetro
0,5 m		0,35 m
1 m		0,70 m
1,5 m		1,04 m
2 m		1,39 m
2,5 m		1,74 m
3 m		2,09 m

2700K
7.614 lux
1.903 lux
846 lux
476 lux
305 lux
211 lux

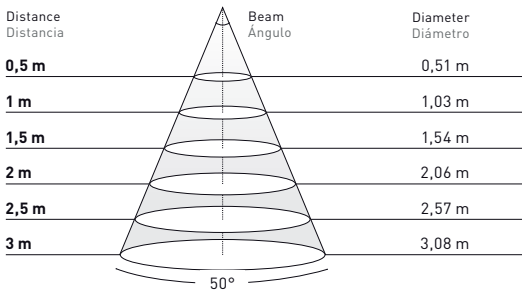
3000K
8.015 lux
2.004 lux
891 lux
501 lux
321 lux
223 lux

4000K
8.336 lux
2.084 lux
852 lux
521 lux
334 lux
232 lux



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10 W 50°

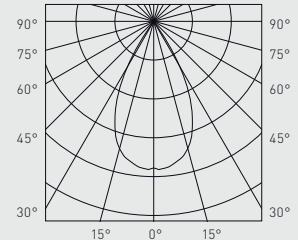


Distance / Distancia	Beam / Ángulo	Diameter / Diámetro
0,5 m		0,51 m
1 m		1,03 m
1,5 m		1,54 m
2 m		2,06 m
2,5 m		2,57 m
3 m		3,08 m

2700K
4.537 lux
1.134 lux
504 lux
284 lux
181 lux
126 lux

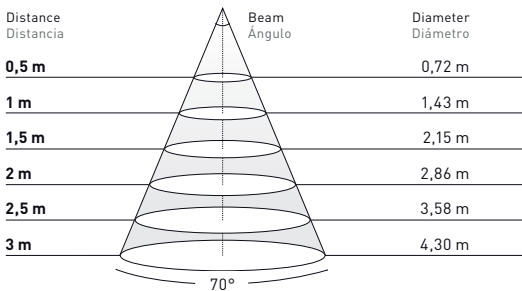
3000K
4.776 lux
1.194 lux
531 lux
299 lux
191 lux
133 lux

4000K
4.967 lux
1.242 lux
552 lux
311 lux
199 lux
138 lux



Downito® 70

10 W 70°

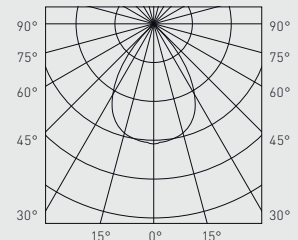


Distance / Distancia	Beam / Ángulo	Diameter / Diámetro
0,5 m		0,72 m
1 m		1,43 m
1,5 m		2,15 m
2 m		2,86 m
2,5 m		3,58 m
3 m		4,30 m

2700K
2.831 lux
716 lux
314 lux
176 lux
113 lux
79 lux

3000K
2.980 lux
745 lux
331 lux
186 lux
119 lux
83 lux

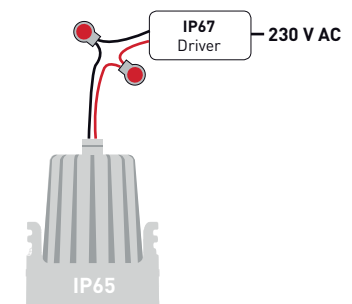
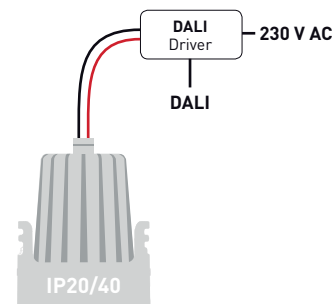
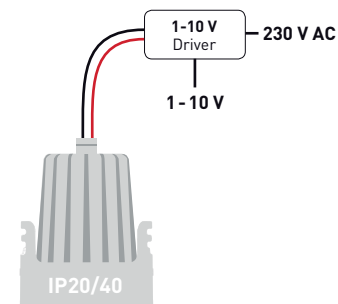
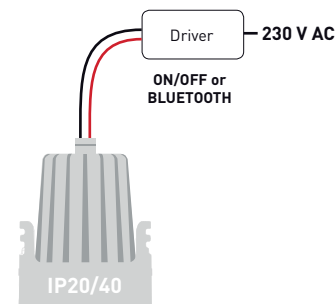
4000K
3.099 lux
775 lux
344 lux
193 lux
124 lux
86 lux



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.
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.
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

The standard IP20 version is delivered with: chromed reflector. Driver not included.

The standard IP40 or IP65 version is delivered with: clear diffuser and chromed reflector. Driver not included.

La versión estándar IP20 se suministra con: reflector cromado. Driver no incluido.

La versión estándar IP40 o IP65 se suministra con: difusor transparente y reflector cromado. Driver no incluido.

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			
3090782	On-Off Led Driver 350mA 12W	Led Driver 350mA 12W On-Off	1
3090701	1-10V Led Driver Multi-power 350mA-900mA 0W-20W	Led Driver Multi-power 350mA-900mA 0W-20W 1-10V	2
3090785	DALI - 1-10V - PUSH Led Driver Multi-power 60W	Led Driver Multi-power 60W DALI - 1-10V - PUSH	3
IP67 Drivers 350mA			
3090788	1-10V Led Driver IP67 350mA 0-16W	Led Driver IP67 350mA 0-16W 1-10V	4
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	
7150942	Bluelight link Led Driver Multi-power 300mA-1050mA 38W	Led Driver Multi-power 300mA-1050mA 38W Bluelight link	

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 314
Para controlar las luminarias via Bluetooth consultar página 314

Kaskazuri restaurant,
San Sebastián, Spain





DOWNITO® 70 SQUARE

