

Room Mate Anna Hotel,
Barcelona, Spain





**DOWNITO® 70
DEEP**



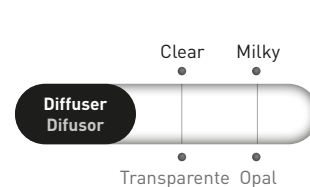
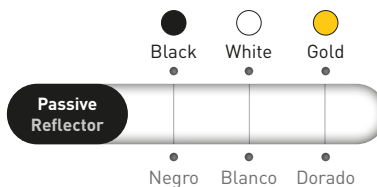
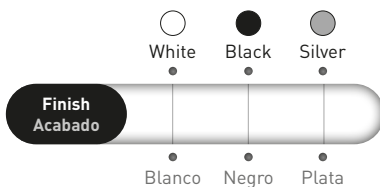
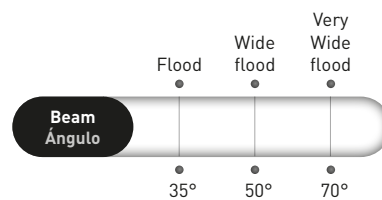
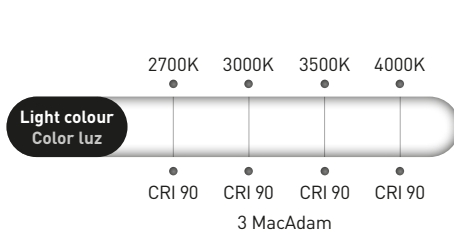
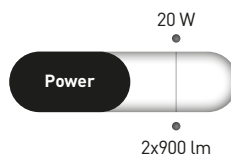
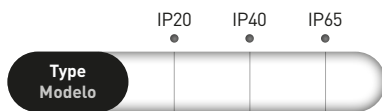
DOWNITO®70 Deep

ADJUSTABLE (+/- 30°)

UGR <19

- LED downlight for accent lighting
- Smart reflector: active + passive (paintable)
- Luminous flux 1.800 lm (2x900 lm)
- Luminaire efficiency 89 lm/W
- 3 beam angles: 35°, 50° and 70°
- Accessories available: honeycomb, milky and diffuser
- Thermal test certificate

- Downlight LED para iluminación de acento
- Reflector inteligente: activo + pasivo (pintable)
- Flujo lumínico de 1.800 lm (2x900 lm)
- Eficiencia de la luminaria 89 lm/W
- 3 ángulos de apertura: 35°, 50° y 70°
- Accesorios disponibles: panel de abeja y difusor
- Test térmico certificado



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

The standard IP40 or IP65 version is delivered with clear diffuser and black reflector. Driver not included.
La versión estándar IP40 o IP65 se suministra con difusor transparente y reflector negro. 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 Deep				
Measures	190 x 111 x 102 mm			
Weight	1,0 kg			
20 W (350 mA)				
Color temperatures	2700K - CRI 90	3000K - CRI 90	3500K - CRI 90	4000K - CRI 90
Lumens output	35° - 1.389 lm 50° - 1.576 lm 70° - 1.607 lm	35° - 1.462 lm 50° - 1.659 lm 70° - 1.692 lm	35° - 1.503 lm 50° - 1.706 lm 70° - 1.739 lm	35° - 1.531 lm 50° - 1.737 lm 70° - 1.771 lm
Luminaire efficiency	69 to 80 lm/W	73 to 84 lm/W	75 to 87 lm/W	77 to 89 lm/W



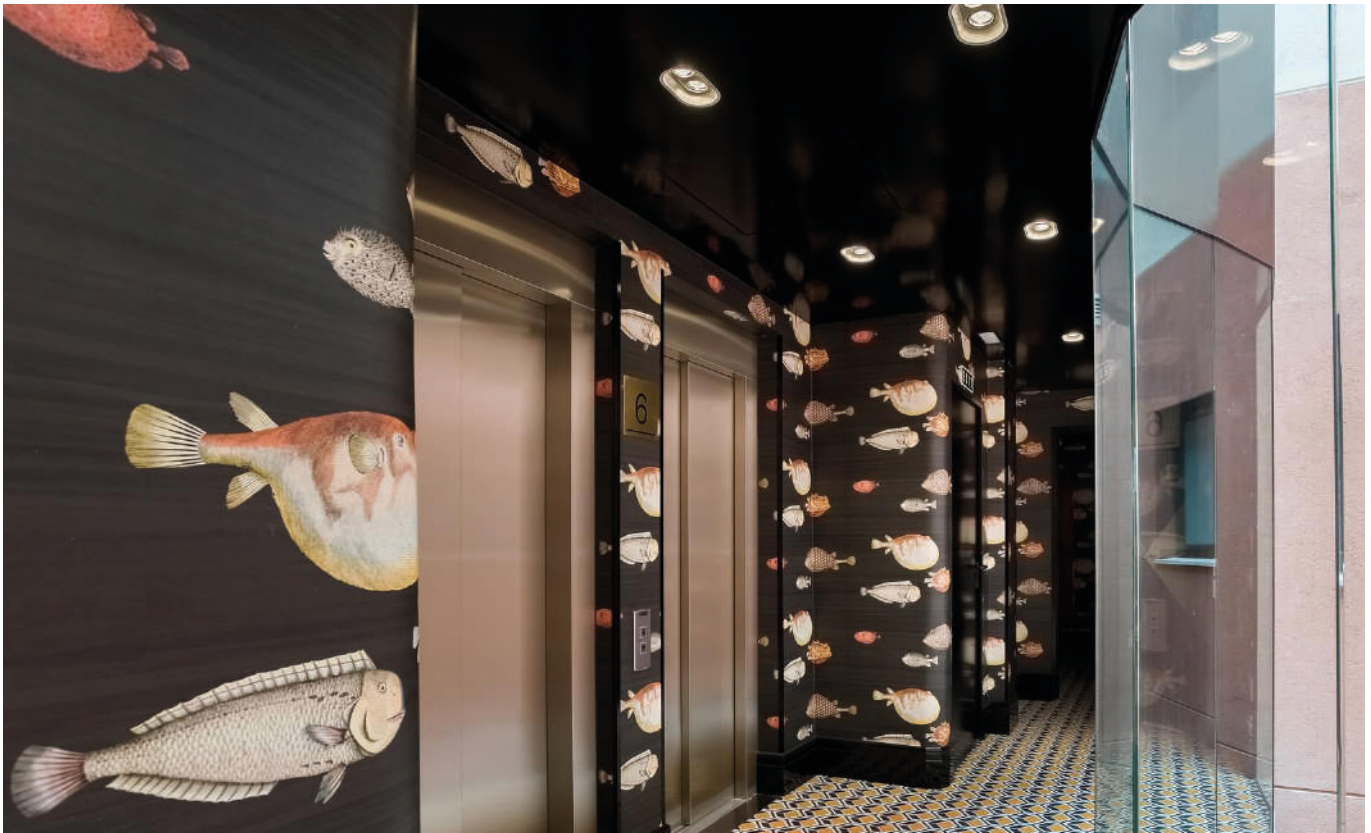
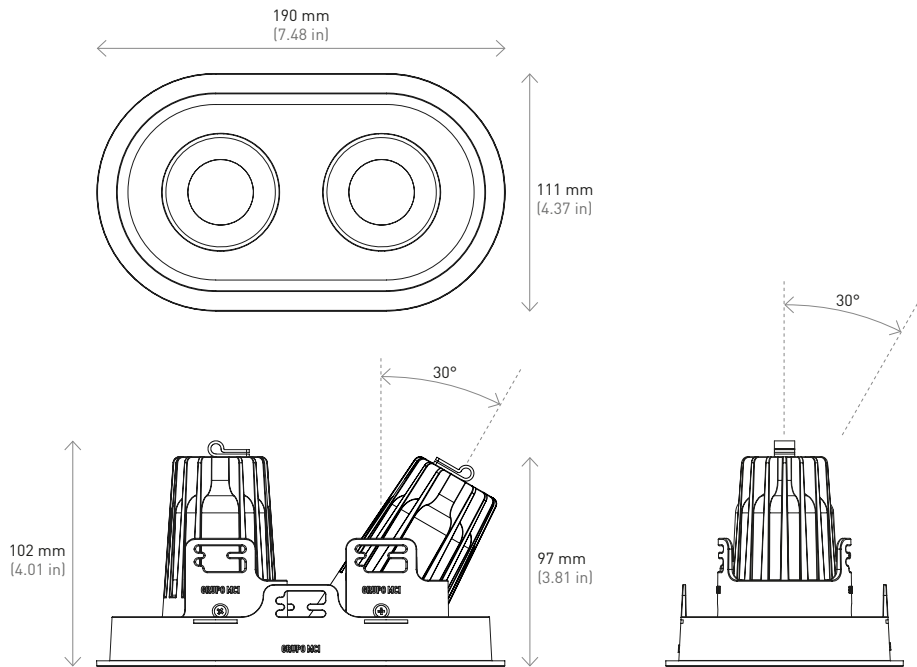
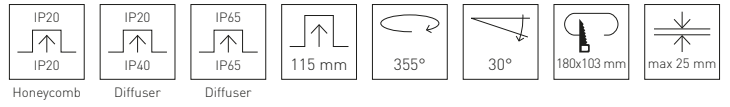
Color temperature conform to ANSI C78.377A.
Lumens measurement conform to LM-79-08.
Lumens maintenance conform to LM-80-08.

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

Caelis Restaurant,
Barcelona, Spain

DOWNITO® 70 DEEP

MEASURES MEDIDAS



Room Mate Hotel,
Barcelona, Spain

**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]



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**



35°



50°



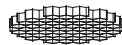
70°

Active reflector
(Engineering by Bartenbach)



Gasket

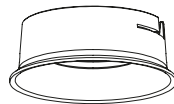
Honeycomb (IP20)



Diffuser (IP40 & IP65)

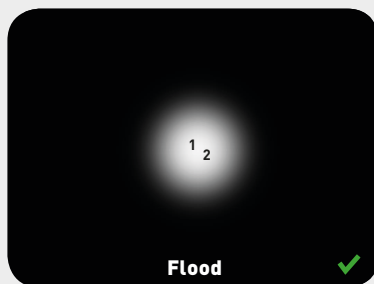


Honeycomb accessory (IP20)
or
Diffuser (IP40 & IP65)
Clear and Milky

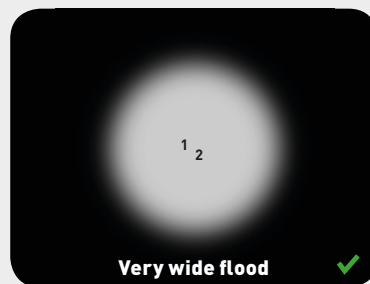


Passive reflector (paintable)

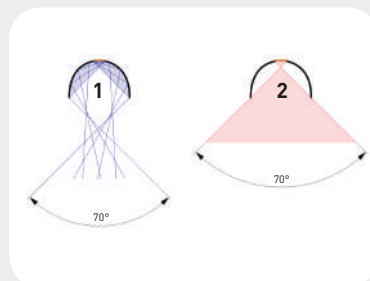
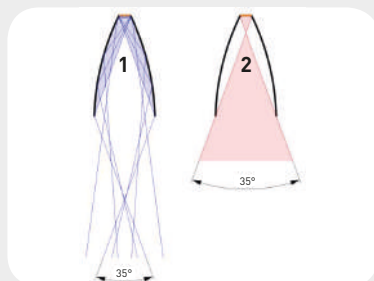
MCI TECHNOLOGY



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



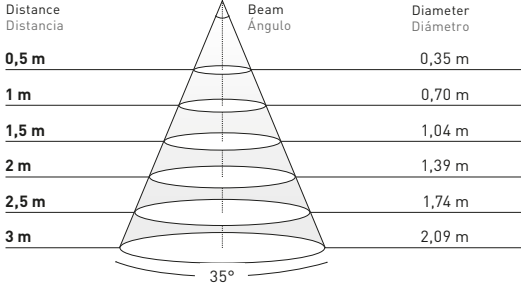
Halo shapes and low efficiency
Halos y baja eficiencia

DOWNITO® 70 DEEP

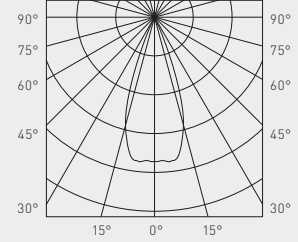
LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

Downito® 70 Square Deep

20 W 35°

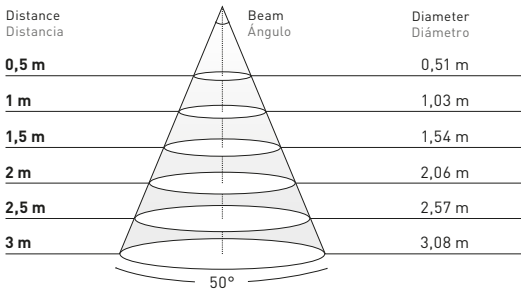


	2700K	3000K	4000K
0,5 m	15.229 lux	16.031 lux	16.672 lux
1 m	3.807 lux	4.008 lux	4.168 lux
1,5 m	1.691 lux	1.781 lux	1.852 lux
2 m	951 lux	1.002 lux	1.042 lux
2,5 m	609 lux	641 lux	666 lux
3 m	422 lux	445 lux	462 lux

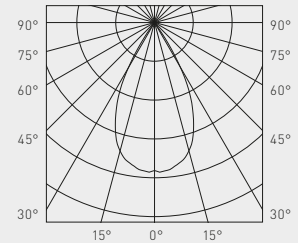


Downito® 70 Square Deep

20 W 50°

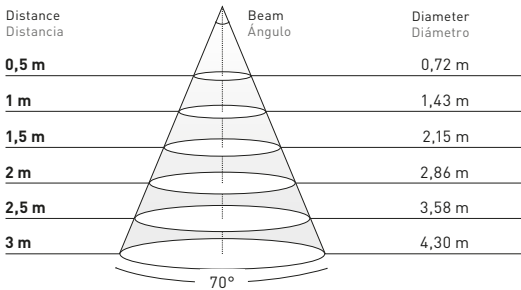


	2700K	3000K	4000K
0,5 m	9.075 lux	9.553 lux	9.935 lux
1 m	2.268 lux	2.388 lux	2.483 lux
1,5 m	1.008 lux	1.061 lux	1.106 lux
2 m	567 lux	597 lux	620 lux
2,5 m	363 lux	382 lux	397 lux
3 m	251 lux	265 lux	275 lux

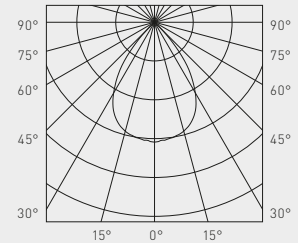


Downito® 70 Square Deep

20 W 70°



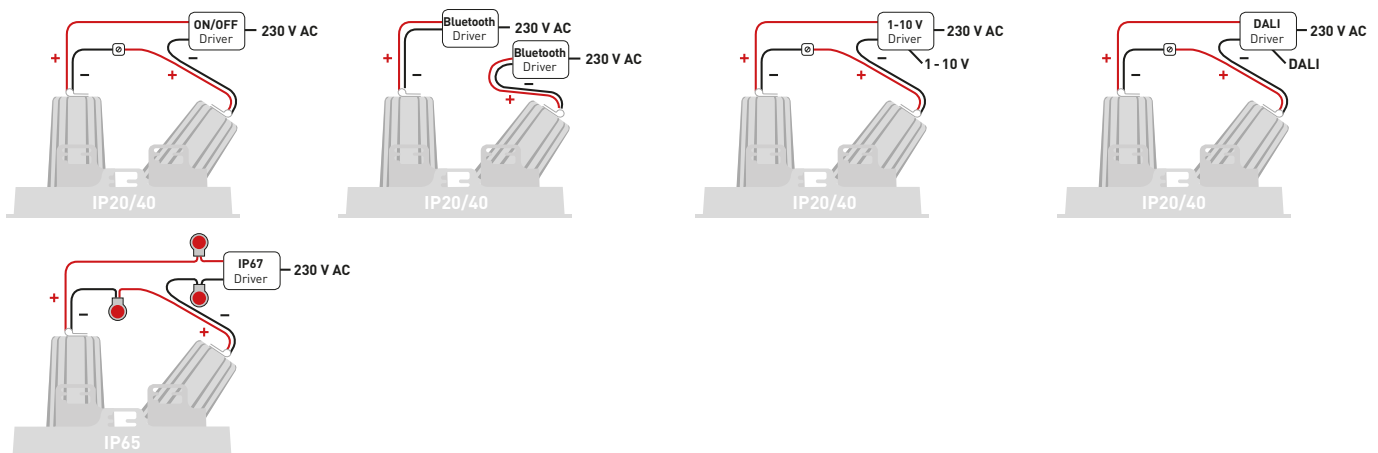
	2700K	3000K	4000K
0,5 m	5.662 lux	5.960 lux	6.198 lux
1 m	1.415 lux	1.490 lux	1.549 lux
1,5 m	629 lux	662 lux	688 lux
2 m	353 lux	372 lux	386 lux
2,5 m	226 lux	238 lux	247 lux
3 m	157 lux	166 lux	172 lux



Data calculated with **Downito® 70 Square Deep 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 Square Deep 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

7115 X X X /XX/XXX

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

5	IP20		
6	IP40	Diffuser	Difusor
8	IP65	Diffuser	Difusor

OPTIONS OPCIONES

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PASSIVE REFLECTOR REFLECTOR PASIVO

Chrome	Cromado
Black	Negro (Standard)
White	Blanco
Gold	Dorado

DIFUSER 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			
3090784	On-Off Led Driver 350mA 25W	Led Driver 350mA 25W On-Off	1
3090785	DALI / 1-10V / PUSH Led Driver 350mA 25W	Led Driver 350mA 25W DALI / 1-10V / PUSH	2
IP67 Drivers 350mA			
3090792	1-10V Led Driver IP67 350mA 33W	Led Driver IP67 350mA 33W 1-10V	3
Drivers multi-power Bluetooth			
7150930	Casambi Led Driver Multi-power 300mA-1050mA 38W	Led Driver Multi-power 300mA-1050mA 38W Casambi	4
7150931	Zigbee Led Driver Multi-power 300mA-1050mA 38W	Led Driver Multi-power 300mA-1050mA 38W Zigbee	5

ACCESSORIES REFERENCES REFERENCIAS ACCESORIOS

1



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