



DOWNITO® 70 SQUARE

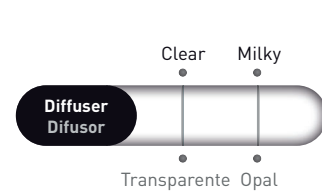
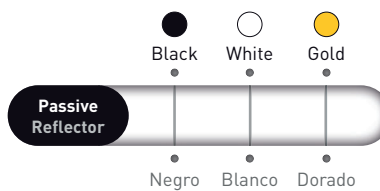
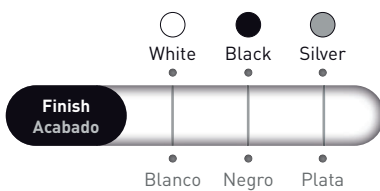
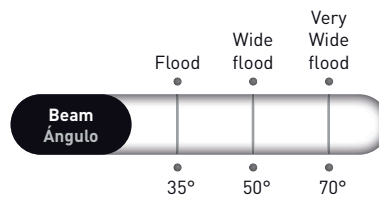
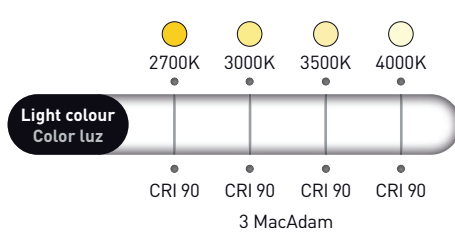


DOWNITO®70 Square

UGR <19

- LED downlight for accent lighting
- Single and double types (IP20, IP54, IP65)
- Smart reflector: active + passive (paintable)
- Luminous flux range from 700 lm to 1800 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
- Modelos individuales y doble (IP20, IP54, IP65)
- Reflector inteligente: activo + pasivo (pintable)
- Flujos lumínicos de 700 lm a 1800 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 black reflector. Driver not included.
La versión estándar IP20 se suministra con reflector negro. Driver no incluido.

The standard IP54 or IP65 version is delivered with clear diffuser and black reflector. Driver not included.
La versión estándar IP54 o IP65 se suministra con difusor transparente y reflector negro. Driver no incluido.

SPECIFICATIONS CARACTERÍSTICAS

	IP20 IP54 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 Square Single				
Measures	73 x 73 x 92 mm			
Weight	0,35 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

Downito® 70 Square Double				
Measures	73 x 129 x 92 mm			
Weight	0,8 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

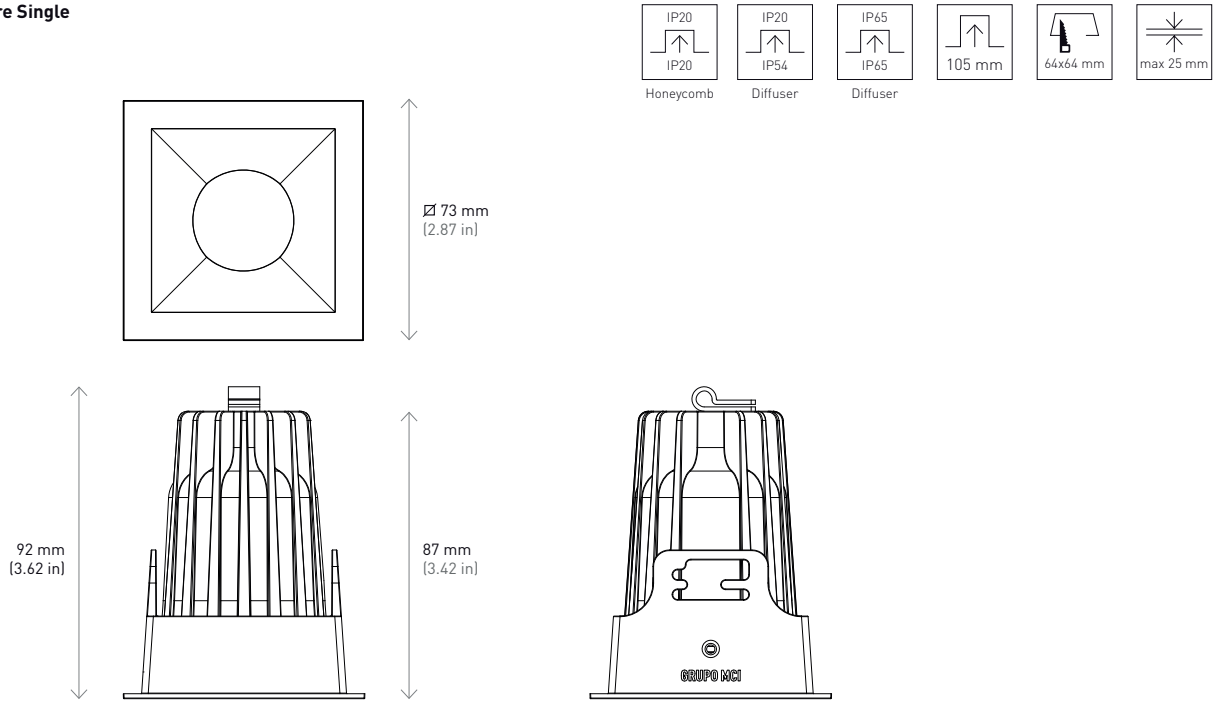


Private Residential,
Ibiza, Spain

DOWNITO® 70 SQUARE

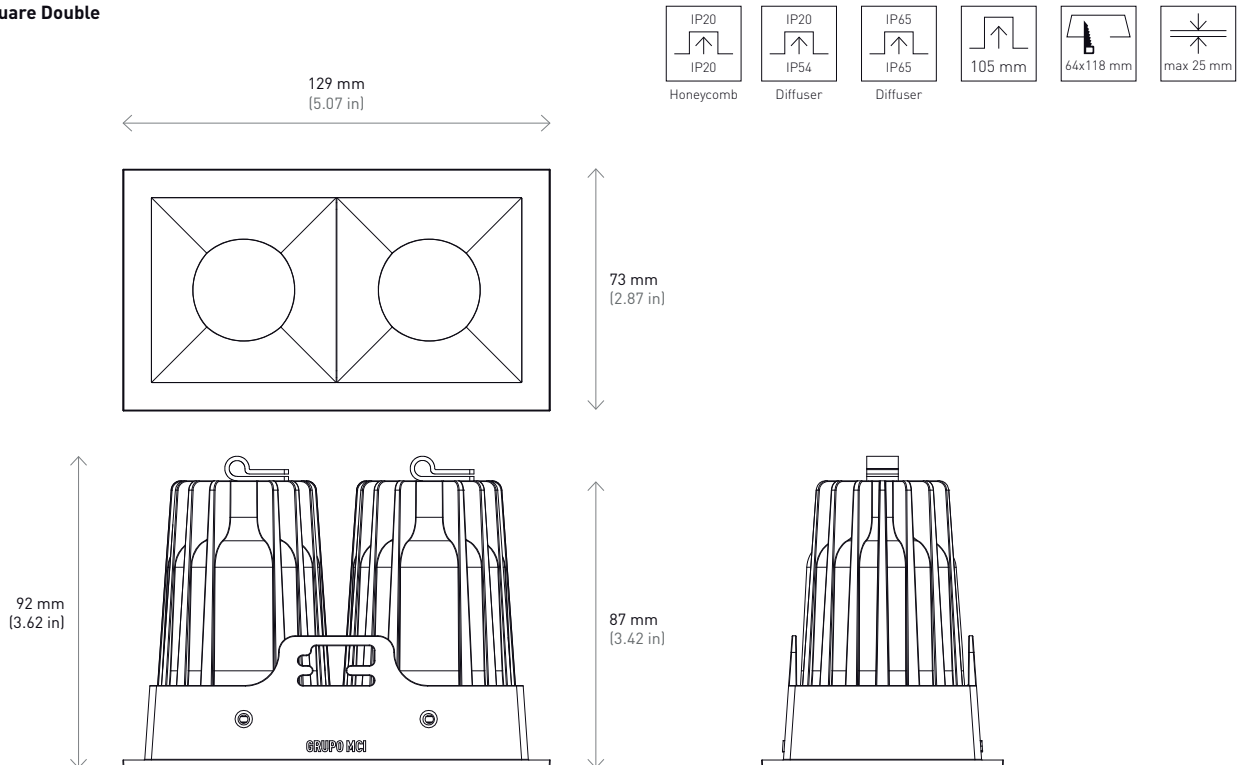
MEASURES MEDIDAS

Downito®70 Square Single



MEASURES MEDIDAS

Downito®70 Square Double



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)



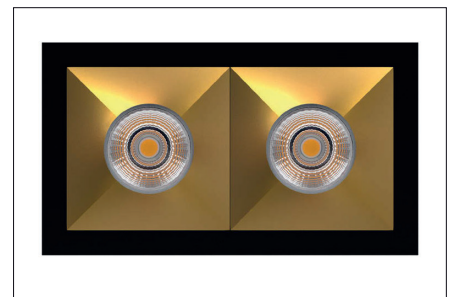
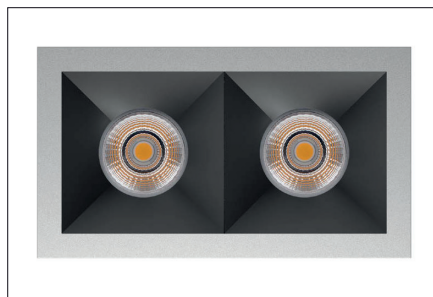
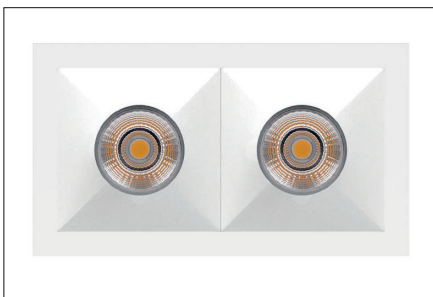
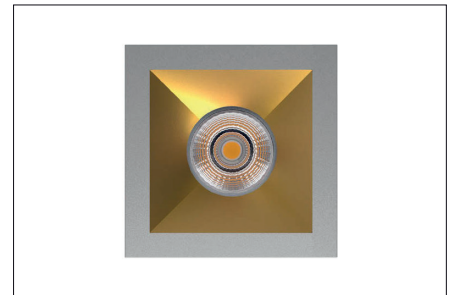
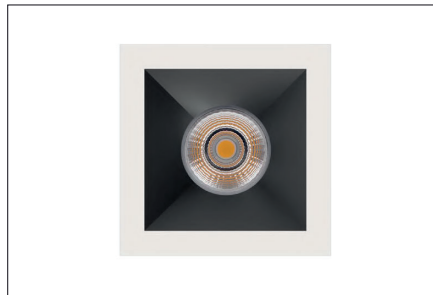
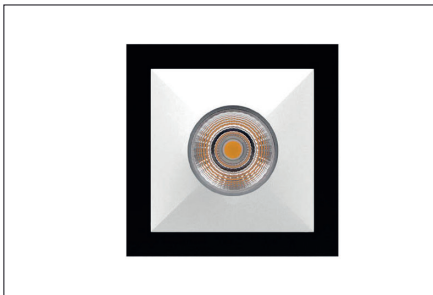
Silver.
Plata. (RAL 9006)



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.

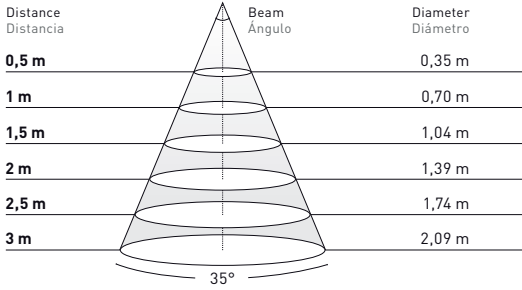


DOWNITO® 70 SQUARE

LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

Downito® 70 Square Single

10 W 35°



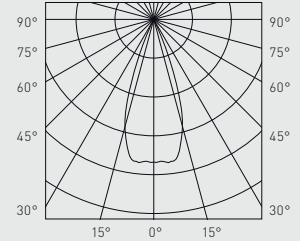
Distance / Distancia	Diameter / Diámetro
0,5 m	0,35 m
1 m	0,70 m
1,5 m	1,04 m
2 m	1,39 m
2,5 m	1,74 m
3 m	2,09 m

2700K

3000K

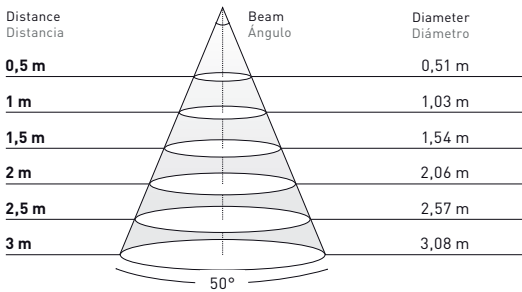
4000K

2700K	3000K	4000K
7.614 lux	8.015 lux	8.336 lux
1.903 lux	2.004 lux	2.084 lux
846 lux	891 lux	852 lux
476 lux	501 lux	521 lux
305 lux	321 lux	334 lux
211 lux	223 lux	232 lux



Downito® 70 Square Single

10 W 50°



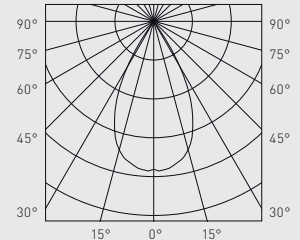
Distance / Distancia	Diameter / Diámetro
0,5 m	0,51 m
1 m	1,03 m
1,5 m	1,54 m
2 m	2,06 m
2,5 m	2,57 m
3 m	3,08 m

2700K

3000K

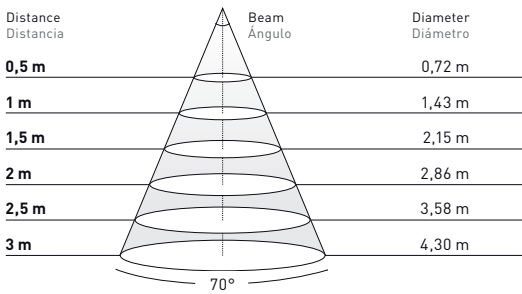
4000K

2700K	3000K	4000K
4.537 lux	4.776 lux	4.967 lux
1.134 lux	1.194 lux	1.242 lux
504 lux	531 lux	552 lux
284 lux	299 lux	311 lux
181 lux	191 lux	199 lux
126 lux	133 lux	138 lux



Downito® 70 Square Single

10 W 70°



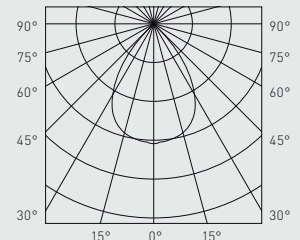
Distance / Distancia	Diameter / Diámetro
0,5 m	0,72 m
1 m	1,43 m
1,5 m	2,15 m
2 m	2,86 m
2,5 m	3,58 m
3 m	4,30 m

2700K

3000K

4000K

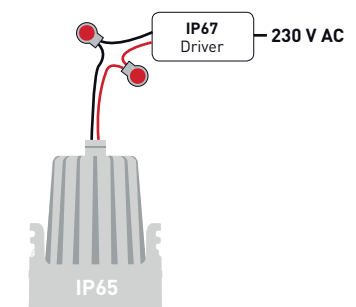
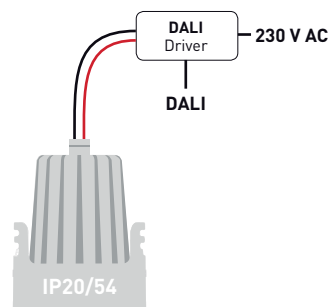
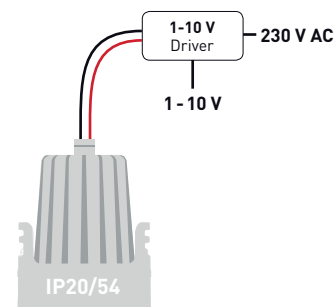
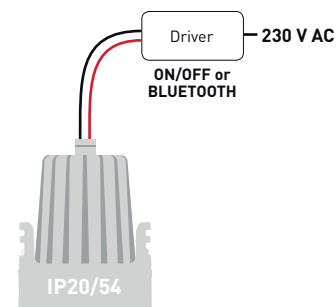
2700K	3000K	4000K
2.831 lux	2.980 lux	3.099 lux
716 lux	745 lux	775 lux
314 lux	331 lux	344 lux
176 lux	186 lux	193 lux
113 lux	119 lux	124 lux
79 lux	83 lux	86 lux



Data calculated with Downito®70 Square Single 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.

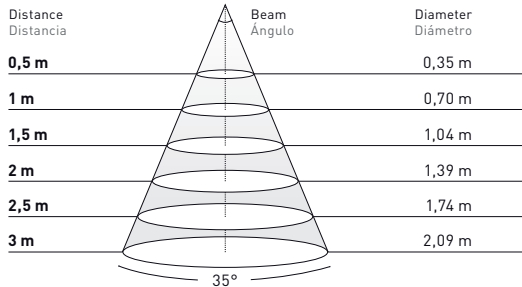
Datos calculados con Downito®70 Square Single con difusor transparente. Ensayado bajo las especificaciones de la norma UNE-EN 13032 / IES LM-79-08. Fotometrías disponibles en www.mclight.com. Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

CONNECTIONS CONEXIONES

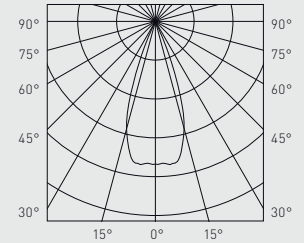


LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

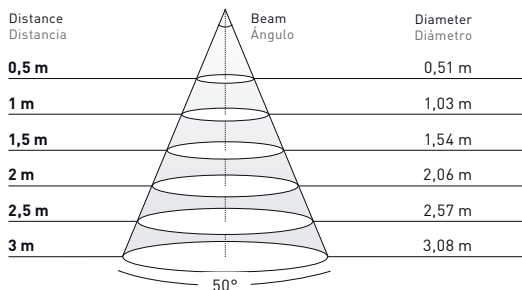
Downito® 70 Square Double **20 W** **35°**



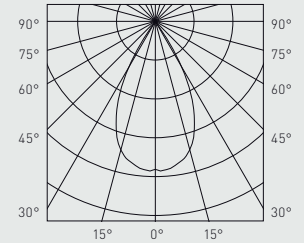
	2700K	3000K	4000K
0,5 m	15.229 lux	16.031 lux	16.672 lux
1 m	3.807 lux	4.008 lux	4.168 lux
1,5 m	1.691 lux	1.781 lux	1.852 lux
2 m	951 lux	1.002 lux	1.042 lux
2,5 m	609 lux	641 lux	666 lux
3 m	422 lux	445 lux	462 lux



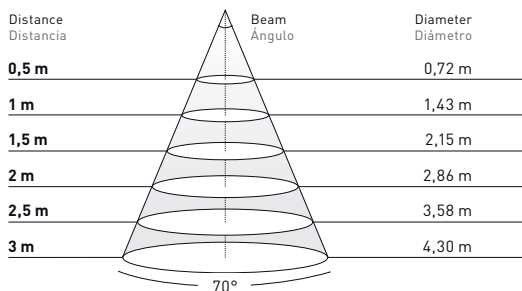
Downito® 70 Square Double **20 W** **50°**



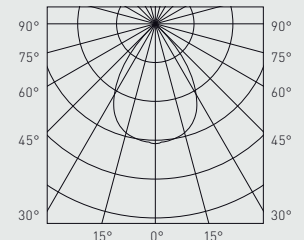
	2700K	3000K	4000K
0,5 m	9.075 lux	9.553 lux	9.935 lux
1 m	2.268 lux	2.388 lux	2.483 lux
1,5 m	1.008 lux	1.061 lux	1.104 lux
2 m	567 lux	597 lux	620 lux
2,5 m	363 lux	382 lux	397 lux
3 m	251 lux	265 lux	275 lux



Downito® 70 Square Double **20 W** **70°**



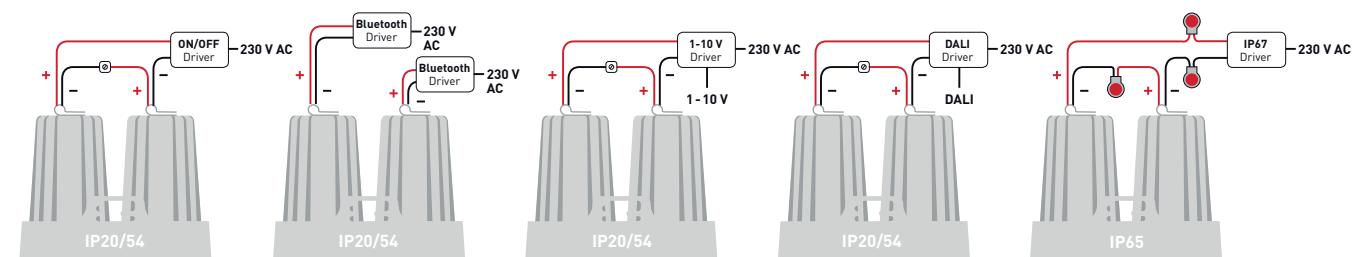
	2700K	3000K	4000K
0,5 m	5.662 lux	5.960 lux	6.198 lux
1 m	1.415 lux	1.490 lux	1.549 lux
1,5 m	629 lux	662 lux	688 lux
2 m	353 lux	372 lux	386 lux
2,5 m	226 lux	238 lux	247 lux
3 m	157 lux	166 lux	172 lux



Data calculated with **Downito® 70 Square Double 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.

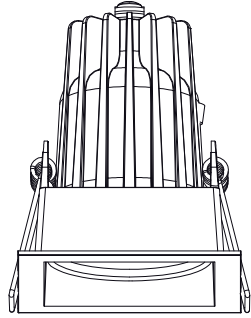
Datos calculados con **Downito® 70 Square Double con difusor transparente**.
Ensayado bajo las especificaciones de la norma **UNE-EN 13032 / IES LM-79-08**.
Fotometrías disponibles en www.mclight.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

CONNECTIONS CONEXIONES



DOWNITO® 70 SQUARE

DETAILS DETALLES



COB



COB holder

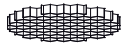


Active reflector
(Engineering by Bartenbach)



Gasket

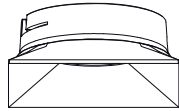
Honeycomb (IP20)



Diffuser (IP54 & IP65)

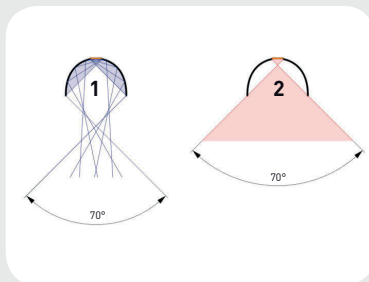
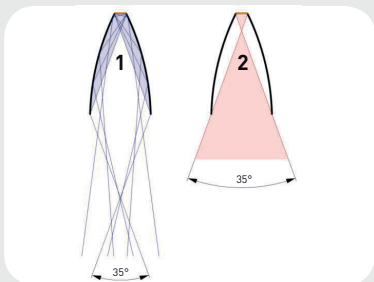
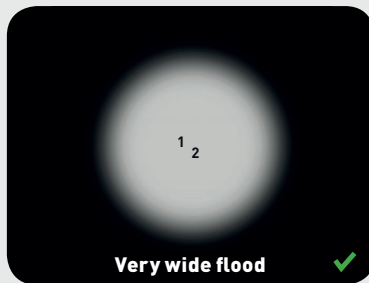
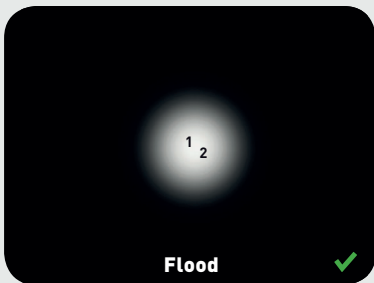


Honeycomb accessory (IP20)
or
Diffuser (IP54 & IP65)
Clear and Milky



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

REFERENCES REFERENCIAS

711 X 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
7	IP54 Diffuser Difusor
8	IP65 Diffuser Difusor

VERSION	VERSIÓN
3	Single
4	Double

OPTIONS OPCIONES

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

The standard **IP54** or **IP65** version is delivered with:
clear diffuser and black reflector. Driver not included.

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

La versión estándar **IP54** o **IP65** se suministra con:
difusor transparente y reflector negro. Driver no incluido.

PASSIVE REFLECTOR REFLECTOR PASIVO

Chrome	Cromado
Black	Negro (Standard)
White	Blanco
Gold	Dorado

DIFFUSER DIFUSOR (IP54 & 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 Downito® Single (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
Drivers Downito® Double (350mA)			
3090772	On-Off Led Driver 350mA 25W	Led Driver 350mA 25W On-Off	4
3090785	DALI - 1-10V - PUSH Led Driver Multi-power 60W	Led Driver Multi-power 60W DALI - 1-10V - PUSH	5
IP67 Drivers Downito® Single (350mA)			
3090788	1-10V Led Driver IP67 350mA 0-16W	Led Driver IP67 350mA 0-16W 1-10V	6
IP67 Drivers Downito® Double (350mA)			
3090792	1-10V Led Driver IP67 350mA 33W	Led Driver IP67 350mA 33W 1-10V	7
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	Bluetooth link Led Driver Multi-power 300mA-1050mA 38W	Led Driver Multi-power 300mA-1050mA 38W Bluetooth 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

Room Mate Anna Hotel,
Barcelona, Spain





**DOWNITO® 70
DEEP**

