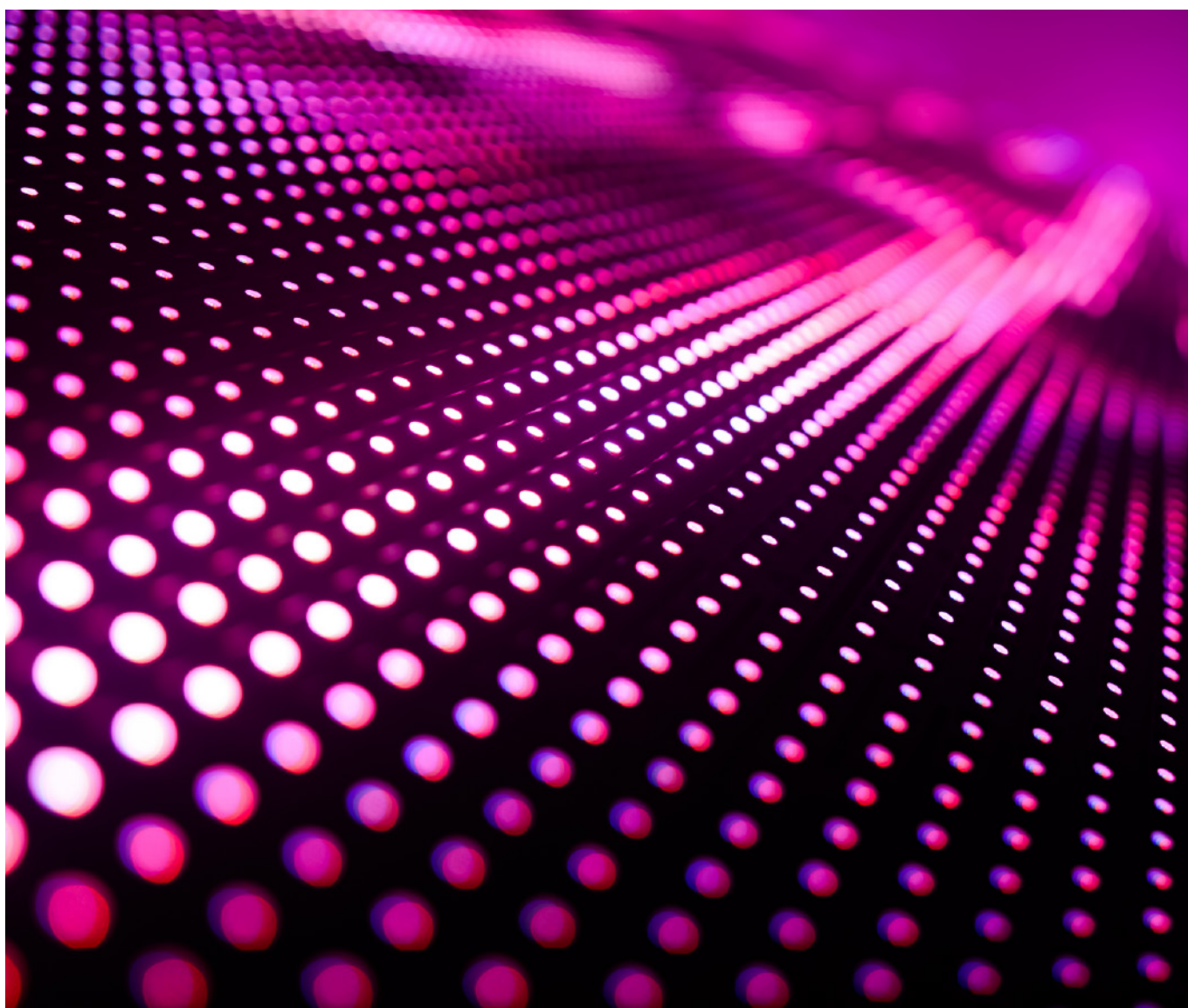


Datasheet

SMART DOT®

Design by LDC



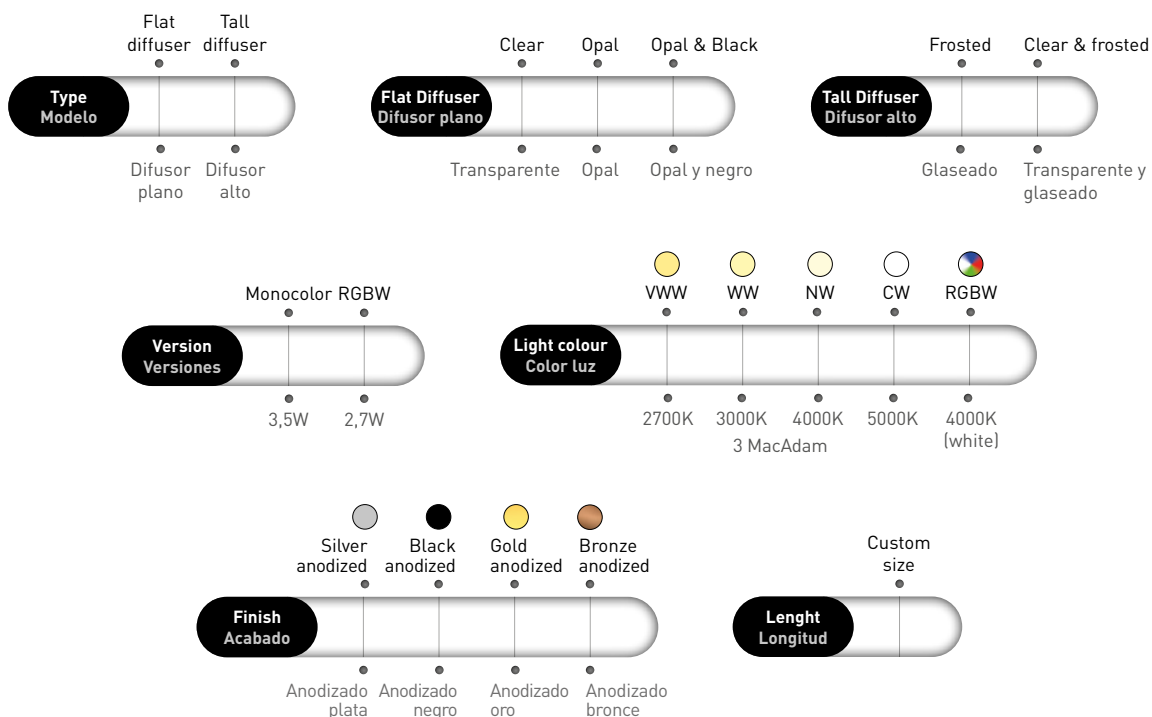
04/04/19 © MCI LIGHT

SMART DOT®

36 V DC

Design by LDC

- Customizable pixel for media applications
 - Plug&Play at its finest
 - Surface luminaires suitable for indoor and in outdoor use
 - Daisy chain up to 32 Dots
 - Tall or flat diffuser types
 - Different daytime appearances due to several diffuser's finishes
 - Monocolor and RGBW versions
 - DMX-RDM control (Remote device management)
 - Up to 230 lumens output in Ø60x30mm
 - Versatility for the cable's input-output
- Pixel personalizable para aplicaciones interactivas
 - Plug&Play en su máxima expresión
 - Luminarias de superficie aptas para uso exterior e interior
 - Conexiones en cadena hasta 32 Dots
 - Modelos con difusor plano y alto
 - Los distintos difusores proporcionan varias apariencias durante el día
 - Versiones Monocolor y RGBW
 - DMX-RDM control (Remote device management)
 - Hasta 230 lumens en Ø60x30mm
 - Versatilidad total para la entrada-salida de los cables



*The standard version for flat diffuser is opal and for tall diffuser is frosted.
La versión estándar con difusor plano es opal y con difusor alto es glaseado.*

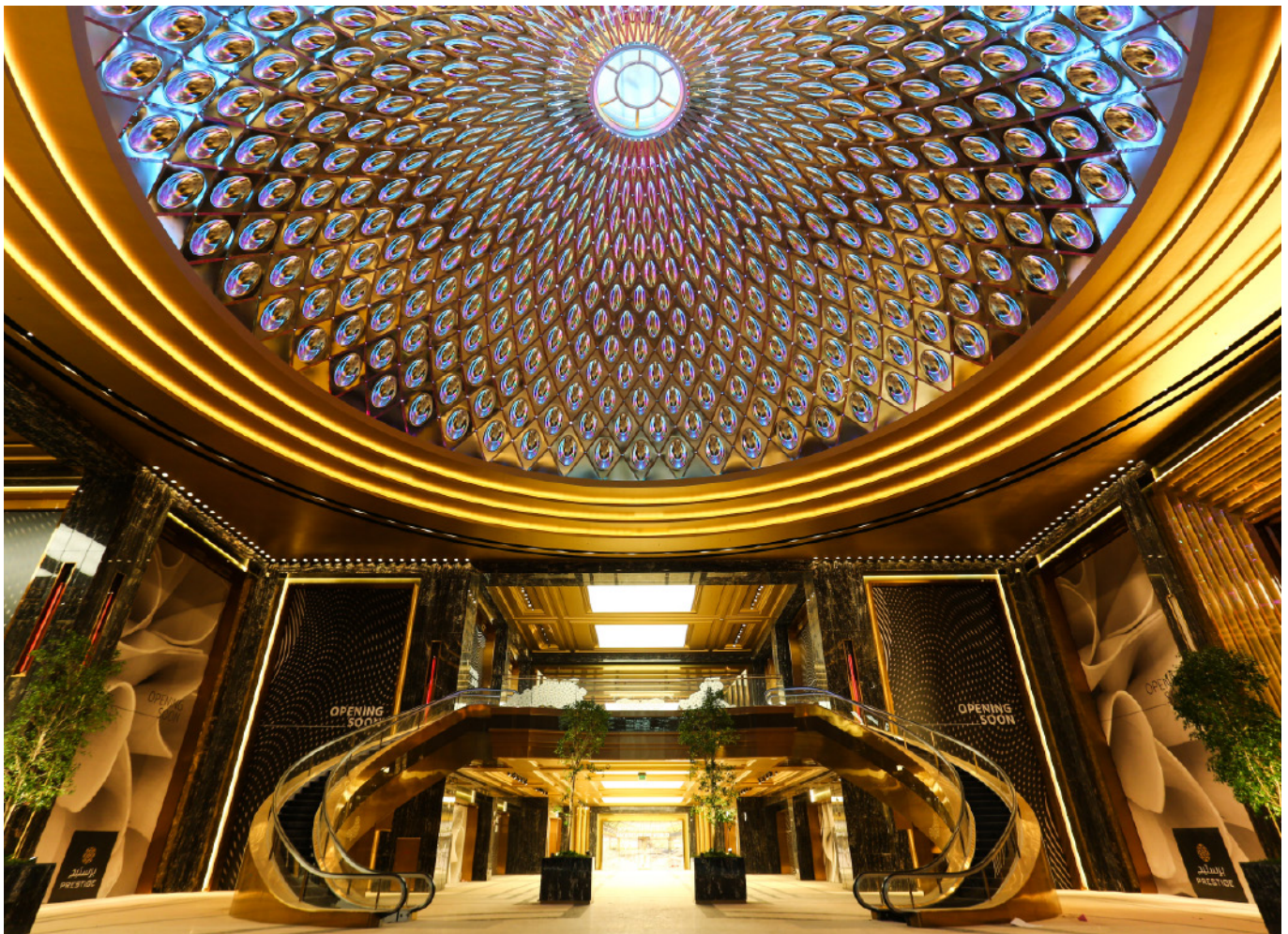
*Due to some differences in the diffusers finishes, the color temperatures could change slightly.
Debido a los diferentes acabados de los difusores las temperaturas del color pueden cambiar ligeramente.*

SPECIFICATIONS
CARACTERÍSTICAS

IP65	IK08 tall diffuser	DMX RDM	36V DC		CRI 80	Anodized AL Housing	PMMA Diffuser	UV resistant	Ta min -20°C -4°F Ta max +50°C +122°F	
------	--------------------------	------------	-----------	--	--------	---------------------------	------------------	-----------------	--	--

Smart Dot® Flat									
	Monocolor				RGBW				
Dot Power	3,5W (LO)				2,7W				
Color temperatures	2700K	3000K	4000K	5000K	Red	Green	Blue	4000K	R+G+B+W
Lumens output (Clear)	207 lm	218 lm	230 lm	230 lm	45 lm	72 lm	11 lm	59 lm	163 lm
Lumens output (Opal)	145 lm	153 lm	161 lm	161 lm	32 lm	51 lm	8 lm	42 lm	115 lm
Luminaire efficiency (Clear)	59 lm/W	62 lm/W	66 lm/W	66 lm/W	60 lm/W				
Measures / Weight	Ø 60 x 42 mm 215 gr								

Smart Dot® Tall									
	Monocolor				RGBW				
Dot Power	3,5W (LO)				2,7W				
Color temperatures	2700K	3000K	4000K	5000K	Red	Green	Blue	4000K	R+G+B+W
Lumens output (Frosted)	153 lm	162 lm	170 lm	170 lm	24 lm	38 lm	6 lm	32 lm	85 lm
Lumens output (Clear Frosted)	194 lm	205 lm	216 lm	216 lm	30 lm	48 lm	8 lm	40 lm	108 lm
Luminaire efficiency (Clear Frosted)	55 lm/W	58 lm/W	61 lm/W	61 lm/W	40 lm/W				
Measures / Weight	Ø 60 x 62 mm 280 gr								

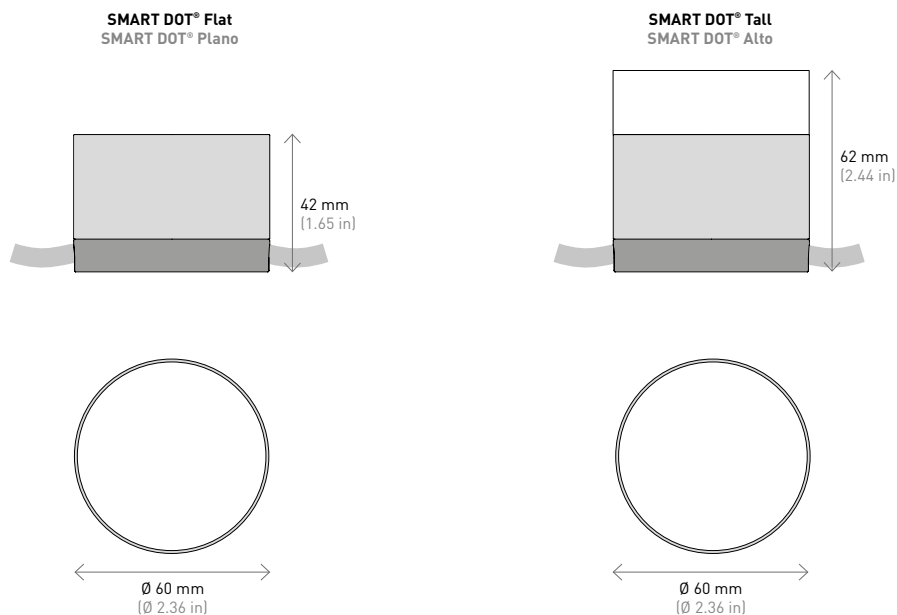


Color temperature conform to **ANSI C78.377A**.
Lumens measurement conform to **LM-79-08**.
Lumens maintenance conform to **LM-80-08**.

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

The Avenues Prestige Shopping Mall,
Kuwait

MEASURES MEDIDAS

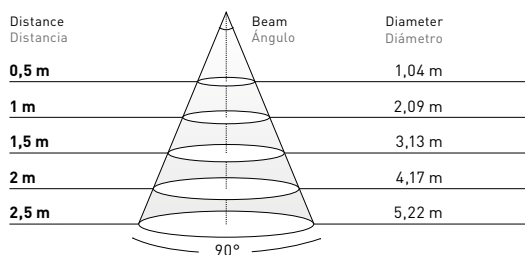


LIGHT DISTRIBUTION CURVES FOTOMETRÍAS

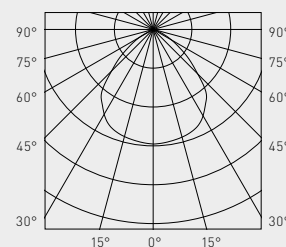
Smart Dot® RGBW Flat

2,7W Clear

RGBW



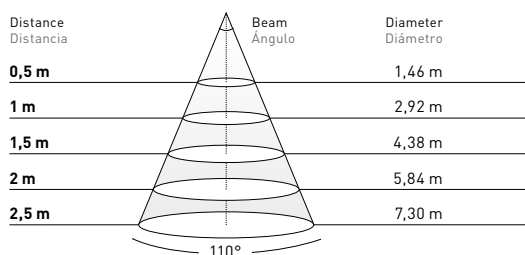
315 lux
79 lux
35 lux
20 lux
13 lux



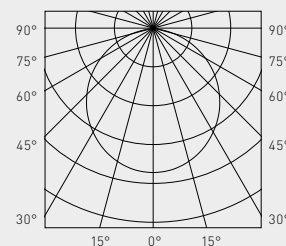
Smart Dot® RGBW Flat

2,7W Opal

RGBW



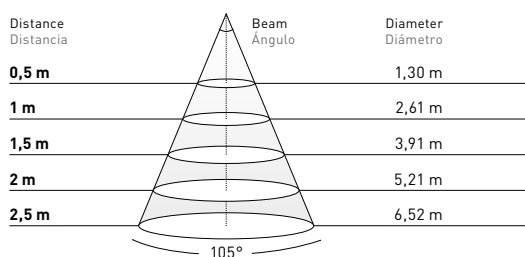
166 lux
42 lux
18 lux
10 lux
7 lux



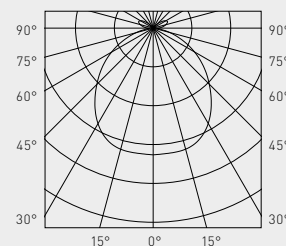
Smart Dot® RGBW Tall

2,7W Clear&frosted

RGBW



138 lux
34 lux
15 lux
9 lux
6 lux



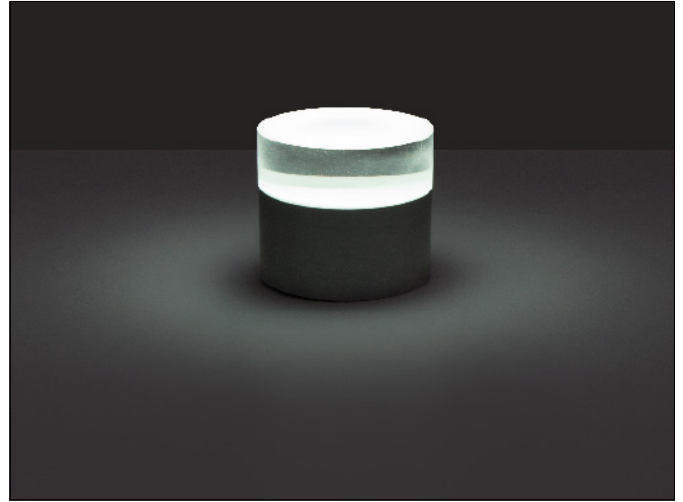
Lumen measurement complies with **UNE-EN 00000 / IES LM-00-00** testing procedures.
Light distribution curves are available at www.grupo-mci.com.
Due to continuous improvements and innovations, specifications may change without notice.

Ensayado bajo las especificaciones de la norma **UNE-EN 00000 / IES LM-00-00**.
Fotometrías disponibles en www.grupo-mci.com.
Debido a las continuas mejoras e innovaciones, las especificaciones pueden cambiar sin previo aviso.

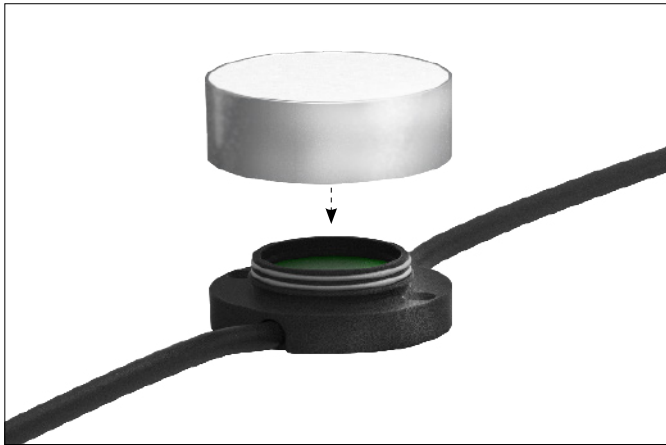
DETAILS
DETALLES



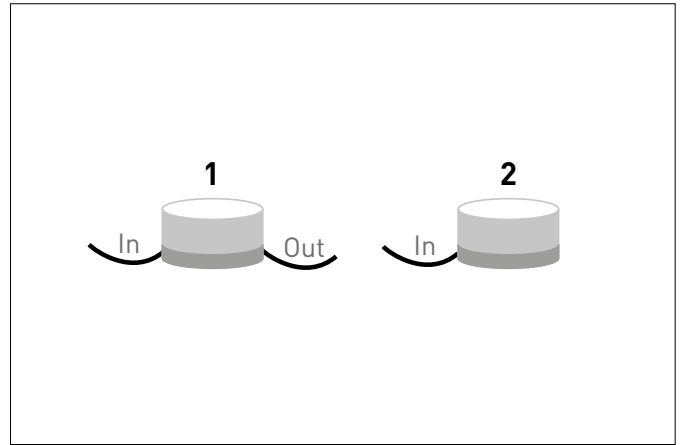
Opal flat diffuser.
Difusor plano Opal.



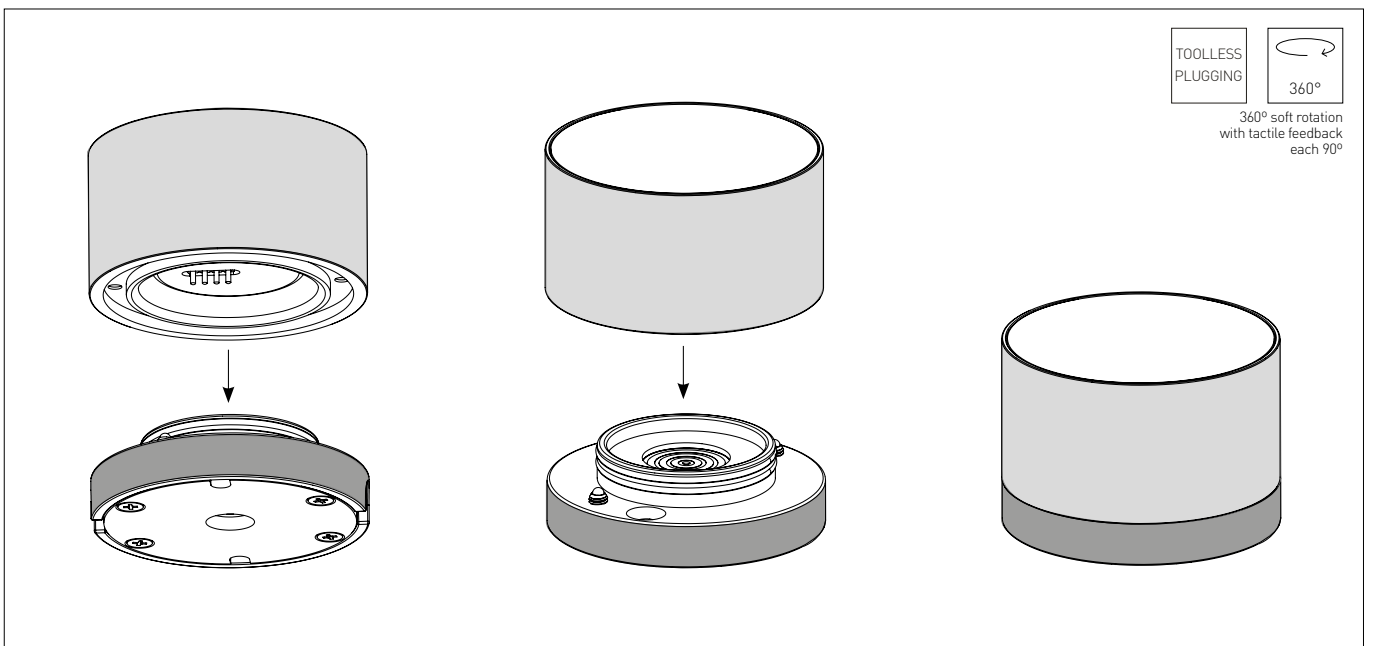
Clear & frosted tall diffuser.
Difusor alto transparente y glaseado.



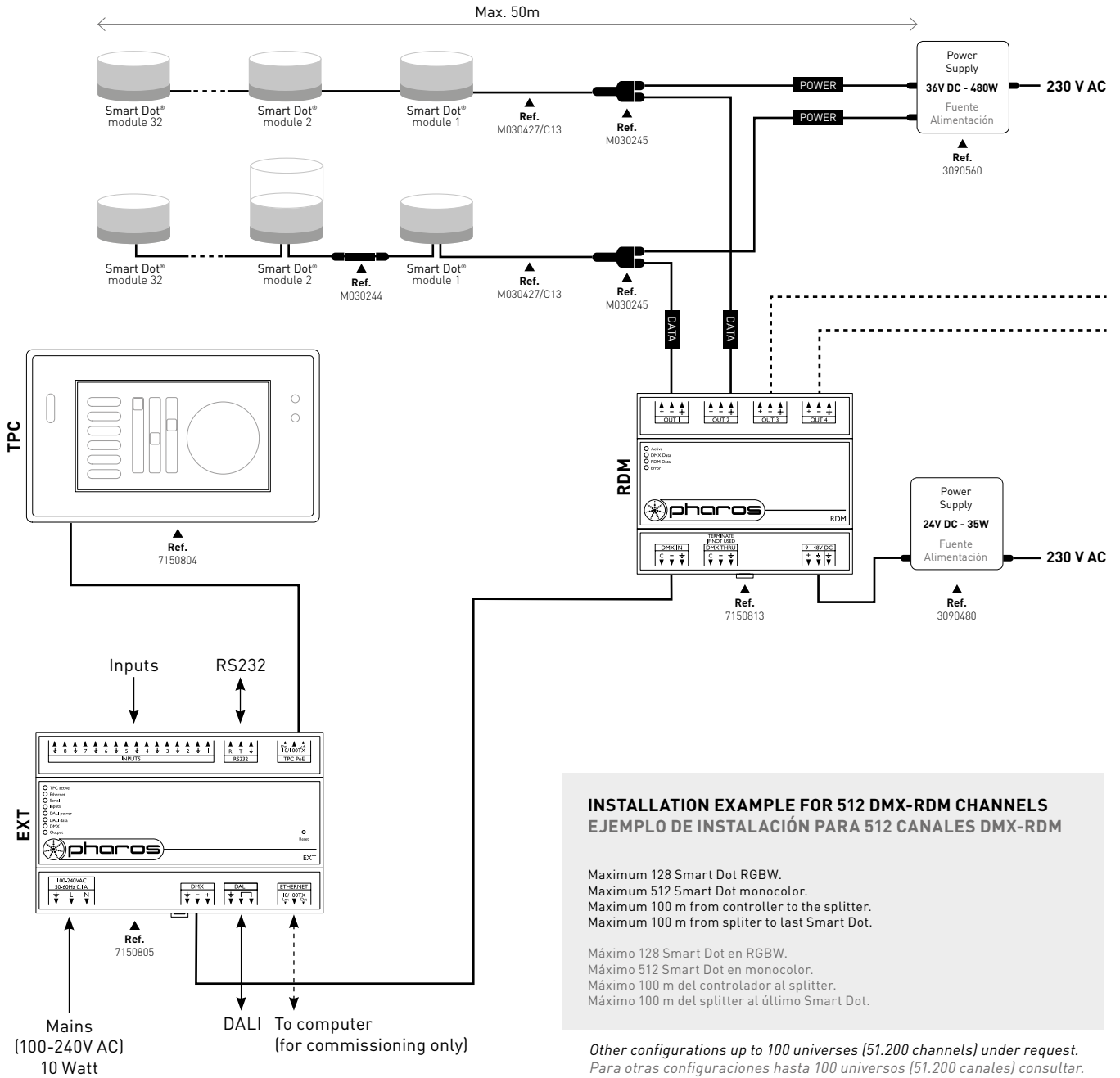
Easy installation and replacement of the Dots thanks to the toolless plugging.
Fácil instalación y replazo de los Dots gracias al montaje sin herramientas.



Versatility for the cable's input-output.
Versatilidad total para la entrada-salida de los cables.



CONNECTIONS CONEXIONES



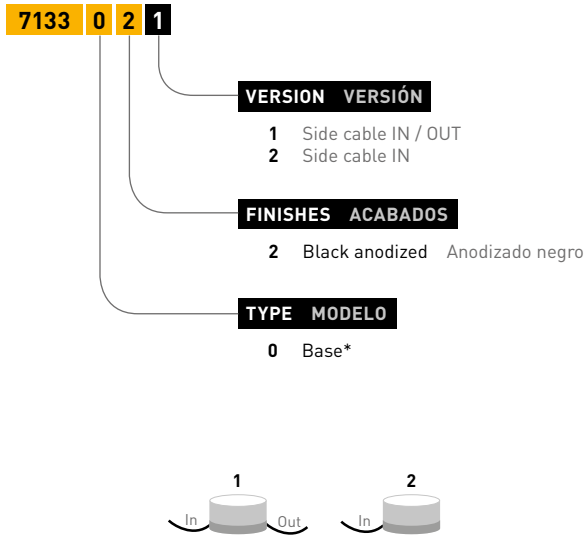
CONTROLLERS REFERENCES REFERENCIAS CONTROLADORES



7150804	Touch panel controller (TPC) black&nickel (512 channels eDMX)	Controlador panel táctil (TPC) negro&níquel (512 canales eDMX)	1
7150805	Extension for TPC connectivity (DMX, DALI, IO, serial, mains-powered)	Extensión para conectividad TPC (DMX, DALI, IO, serie, alimentación de red)	2
7150813	DMX/RDM Splitter (4 outputs, 1 input, 1 thru)	Splitter DMX/RDM (4 salidas, 1 entrada, 1 a través)	3

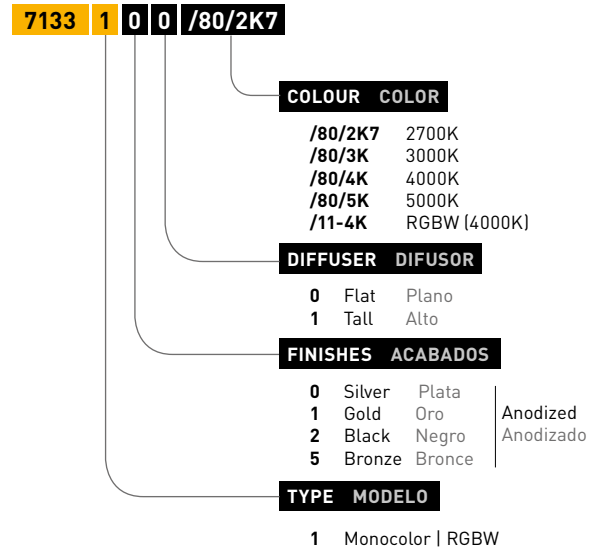
REFERENCES
REFERENCIAS

Smart Dot® Base



* Cable not included [ref. M030427/C13]
Cable no incluido. [ref. M030427/C13]

Smart Dot®



OPTIONS
OPCIONES

The standard version for flat diffuser is opal and for tall diffuser is frosted.
La versión estándar con difusor plano es opal y con difusor alto es glaseado.

FLAT DIFFUSER

Clear
Opal **(Standard)**
Opal & Black

TALL DIFFUSER

Frosted **(Standard)**
Clear & Frosted

POWER SUPPLY REFERENCES
REFERENCIAS FUENTES DE ALIMENTACIÓN



Power supply (IP20)		Fuentes de alimentación (IP20)		
3090490	IP20 Power Supply 200W 36V DC 1 chain of 32 dots	Fuente Alimentación 200W 36V DC IP20 1 cadena de 32 dots		1
3090491	IP20 Power Supply 500W 36V DC 2 chain of 32 dots	Fuente Alimentación 500W 36V DC IP20 2 cadenas de 32 dots		2
Power supply (IP67)		Fuentes de alimentación (IP67)		
3090559	IP67 Power Supply 240W 36V DC 1 chain of 32 dots	Fuente Alimentación 240W 36V DC IP67 1 cadena de 32 dots		3
3090560	IP67 Power Supply 480W 36V DC 2 chain of 32 dots	Fuente Alimentación 480W 36V DC IP67 2 cadenas de 32 dots		4

ACCESSORIES REFERENCES
REFERENCIAS ACCESORIOS



M030427/C13	4x1,5 cable (m)	Cable 4x1,5 (m)		
M050582	Cable clamp	Abrazadera para cable		1
M030244	IP68 "I" connection Ø6-17mm Tee Tube (5 poles)	Conexión "I" Ø6-13,5mm IP68 Tee Tube (5 polos)		2
M030245	IP68 "Y" connection Ø6-17mm Tee Tube (5 poles)	Conexión "Y" Ø6-17mm IP68 Tee Tube (5 polos)		3
M030154	3 x 1,5 mm² H07RN-F cable (m)	Cable 3 x 1,5 mm² H07RN-F (m)		
M030224	BELDEN 3105A cable (m)	Cable BELDEN 3105A (m)		
7150203	DMX Addresser Setup	DMX Addresser Setup		4

SMART DOT® Design by LDC

Datasheet



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Debido a continuas mejoras e innovaciones, las especificaciones pueden ser modificadas sin notificación.

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