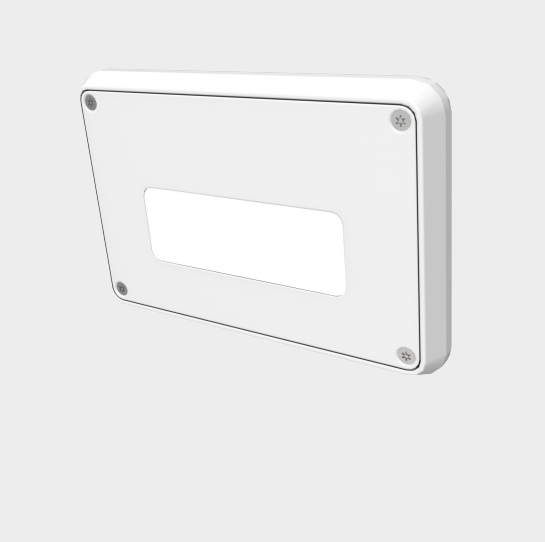


DPW20

IP65 | IK16 (150J) | Bulkhead | Class I | Recessed | TM65/66

Secure Healthcare

DPW20 is a ligature resistant wayfinding light specifically designed for challenging environments, such as secure healthcare facilities.

Standard Colours

Matt White

Product Information

DPW20 's opal diffuser gives a soft lit appearance for wayfinding at night. The integral microwave sensor provides switching via movement detection. It is designed to be mounted at low level, typically 450mm above the floor.

DPW20 is designed to meet the requirements of "Design in Mental Health Network's (DiMHN) Testing Guidance for Products in Mental Health Facilities" rating LIG5-5/ES2. It minimises the risk of self-harm or injury by preventing the attachment of ligatures, and is designed to be disassembled and reinstated to ensure maintenance can be undertaken quickly and easily after anti-pick mastic application.

Applications include bedrooms and en-suites in secure health environments.

The DPW20 is available with an amber light version, specifically designed for specialist environments where reducing blue light emission is essential.

This luminaire is designed for longevity and sustainability and adheres to our circular design principles. We conduct a circular economy assessment using TM66 and measure embodied carbon ($kgCO_2e$) in accordance with TM65.2.

Impact Resistance Rating: IK16 (150J). What is IK Rating?

Ingress Protection Rating: IP65 (from front only). What is IP Rating?

Housing: Machined aluminium body with zinc coated steel faceplate.

Paint: Polyester powder coat. All Colour Options Available Here.

Diffuser: Flush opal polycarbonate diffuser.

Driver: Integral electronic control gear.

Mounting: Designed to fit into a standard 47mm 2-gang recessed backbox.

Cable Entry: Provision for cable entry in back.

Design Life: 30+ years. What is Design Life?

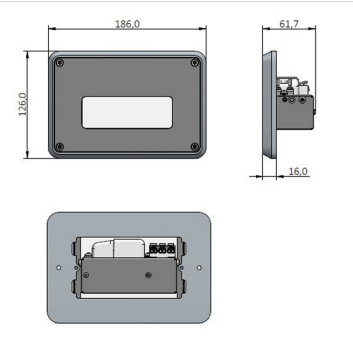
Technical Information

DPW20	Output (Lum/lm)	Load (W)	Efficacy (lm/W)	CCT (K)
Opal				
DW2-80W-MW-R-M4	84	2.7	-	3000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	1.1	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	60,000	C	-	-
	Dimensions			
	186mm x 126mm x 16mm surface height (total 62mm)			
DW2-80N-MW-R-M4	88	2.7	-	4000
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	1.1	CRI>80	-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	60,000	C	-	-
	Dimensions			
	186mm x 126mm x 16mm surface height (total 62mm)			
Amber				
DW2-60A-MW-R-M4	62	3.7	-	1750
	Weight (kg)	**CRI**	**High Temp (°C)**	**LED Lifetime**
	1.1		-	$L_{80}B_{10}$>102,000h
	Driver lifetime (up to hours)	**LED Energy Rating**	**Emergency Output (Lum/lm)**	**Nightlight Output (Lum/lm)**
	60,000	C	-	-
	Dimensions			
	186mm x 126mm x 16mm surface height (total 62mm)			

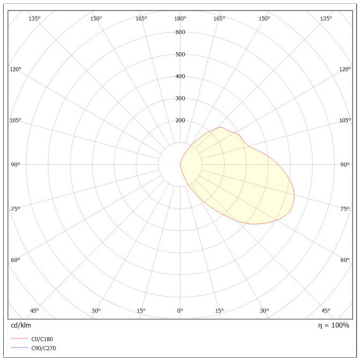
Fitting Options

Microwave Sensor - Basic with Daylight Sensor	-M4
Matt White	-MW

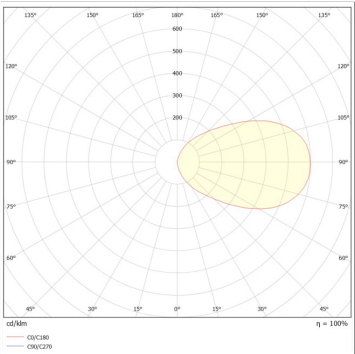
• Remove suffix -M4 for Non Microwave Version.



DPW20 Drawing



DPW20 Polar Curve



DPW20 Amber Polar Curve

designplan LIGHTING

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