



**DIMENSIONS**



<b>Name</b>	QUAD 2 3000K W
<b>Reference</b>	A1890211W
<b>Color</b>	Matt white
<b>RAL</b>	9010
<b>Category</b>	CEILING RECESSED

**PRODUCT**

**LIGHT SOURCE**

<b>Type</b>	LED
<b>Gross luminous flux</b>	2275 lm
<b>Colour temperature</b>	3000 K
<b>Chromatic stability</b>	MacAdam Step 2
<b>Colour Rendering Index</b>	CRI > 90
<b>Power</b>	15,5 W
<b>Current</b>	500 mA
<b>Efficacy</b>	147 lm/W
<b>LED lifespan</b>	L80B10 > 60.000h

**LIGHTING FIXTURE | PHOTOMETRIC DATA**

<b>Lighting efficiency</b>	76%
<b>Light beam angle</b>	102°

**LIGHTING FIXTURE | ELECTRICAL DATA**

<b>Driver</b>	Included - Connected
<b>Power values of the system</b>	17,86 W
<b>Frequency</b>	50/60 Hz
<b>Dimming</b>	No Dim
<b>Electrical insulation class</b>	□

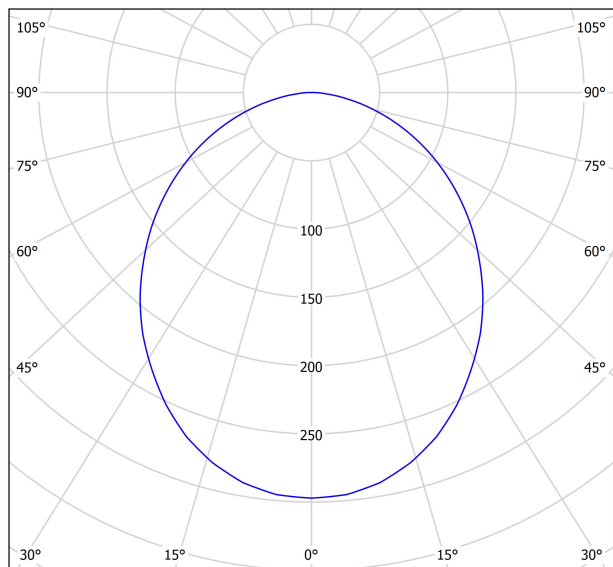
**OTHER DATA**

<b>Sealing</b>	IP43
<b>Wireless control</b>	Please Consult
<b>Emergency power supply</b>	Please Consult
<b>Impact resistance</b>	IK07
<b>Recess measurements</b>	Ø205 mm
<b>Weight</b>	1200 g
<b>Packaged weight</b>	1430,7 g
<b>Packaging dimensions</b>	332 x 245 x 84 mm
<b>Units per package</b>	1
<b>Materials</b>	Aluminium / Polymethyl Methacrylate



The elegance of a squared perimeter downlight combined with the easy installation of a round fitting hole.

POLAR DIAGRAM



cd/klm  
 — C0 - C180 — C90 - C270

$\eta = 76\%$

CONICAL DIAGRAM

UGR

Glare Evaluation According to UGR											
$\rho$ Ceiling	70	70	50	50	30	70	70	50	50	30	
$\rho$ Walls	50	30	50	30	30	50	30	50	30	30	
$\rho$ Floor	20	20	20	20	20	20	20	20	20	20	
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	23.6	24.9	23.9	25.1	25.3	23.6	24.9	23.9	25.1	25.3
	3H	25.3	26.4	25.6	26.7	27.0	25.3	26.4	25.6	26.7	27.0
	4H	25.9	27.0	26.2	27.2	27.5	25.9	27.0	26.2	27.2	27.5
	6H	26.3	27.3	26.6	27.6	27.9	26.3	27.3	26.6	27.6	27.9
	8H	26.4	27.4	26.8	27.7	28.0	26.4	27.4	26.8	27.7	28.0
	12H	26.5	27.4	26.9	27.8	28.1	26.5	27.4	26.9	27.8	28.1
4H	2H	24.1	25.2	24.4	25.5	25.8	24.1	25.2	24.4	25.5	25.8
	3H	26.0	27.0	26.4	27.3	27.6	26.0	27.0	26.4	27.3	27.6
	4H	26.8	27.6	27.2	28.0	28.3	26.8	27.6	27.2	28.0	28.3
	6H	27.3	28.0	27.7	28.4	28.8	27.3	28.0	27.7	28.4	28.8
	8H	27.5	28.2	27.9	28.6	29.0	27.5	28.2	27.9	28.6	29.0
	12H	27.6	28.2	28.1	28.6	29.1	27.6	28.2	28.1	28.6	29.1
8H	4H	27.0	27.7	27.5	28.1	28.5	27.0	27.7	27.5	28.1	28.5
	6H	27.7	28.3	28.2	28.7	29.2	27.7	28.3	28.2	28.7	29.2
	8H	28.0	28.5	28.5	28.9	29.4	28.0	28.5	28.5	28.9	29.4
	12H	28.2	28.6	28.6	29.0	29.5	28.2	28.6	28.6	29.0	29.5
12H	4H	27.1	27.7	27.5	28.1	28.5	27.1	27.7	27.5	28.1	28.5
	6H	27.8	28.3	28.3	28.7	29.2	27.8	28.3	28.3	28.7	29.2
	8H	28.1	28.5	28.6	28.9	29.5	28.1	28.5	28.6	28.9	29.5
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.1 / -0.1					+0.1 / -0.1					
S = 1.5H	+0.2 / -0.4					+0.2 / -0.4					
S = 2.0H	+0.4 / -0.7					+0.4 / -0.7					
Standard table	BK05					BK05					
Correction Summand	6.7					6.7					
Corrected Glare Indices referring to 2275lm Total Luminous Flux											



Fuente de luz (LED) reemplazable por un profesional autorizado  
 Replaceable (LED only) light source by an authorized professional.  
 Source lumineuse (LED) remplaçable par un professionnel agréé  
 Sorgente luminosa (LED) sostituibile da parte di un professionista autorizzato  
 Austauschbare (LED) Lichtquelle durch einen autorisierten Fachmann



Equipo de control reemplazable por un profesional autorizado  
 Replaceable control gear by an authorized professional  
 Dispositif de commande remplaçable par un professionnel agréé  
 Alimentatore sostituibile da parte di un professionista autorizzato  
 Auswechselbares Betriebsgerät durch autorisierten Fachmann

INSTRUCCIONES PARA EL FINAL DE VIDA Y LA ELIMINACIÓN LOS COMPONENTES  
 INSTRUCTIONS ON END-OF-LIFE AND COMPONENT DISPOSAL  
 INSTRUCTIONS POUR LA GESTION DES COMPOSANTS EN FIN DE VIE ET LEUR MISE AU REBUT  
 ISTRUZIONI PER IL FINE VITA E LO SMALTIMENTO DEI COMPONENTI  
 ANWEISUNGEN ZUR ENTSORGUNG DER LEUCHTENKOMPONENTEN



Interrumpir la alimentación del aparato  
 Cut the power supply to the luminaire  
 Couper l'alimentation du luminaire  
 Interrompere l'alimentazione dell'apparecchio  
 Stromversorgung der Leuchte unterbrechen



Quitar la(s) fuente(s) de luz para el desecho  
 Remove light source(s) for disposal  
 Retirer la (les) source(s) lumineuse(s) pour l'élimination  
 Rimuovere la/le sorgente/e di luce per lo smaltimento  
 Lichtquelle(n) zur Entsorgung entfernen



Quitar la batería para el desecho  
 Remove the battery for decommissioning  
 Retirer la batterie pour sa mise au rebut  
 Rimuovere la batteria per la dismissione  
 Die Batterie ordnungsgemäß entsorgen



Quitar el equipo de control para el desecho  
 Remove control gear for disposal  
 Retirer le dispositif de commande pour l'élimination  
 Rimuovere l'alimentatore per lo smaltimento  
 Betriebsgerät zur Entsorgung ausbauen

Enviar los materiales a un centro de recogida RAEE  
 Send the materials to a WEEE collection centre  
 Envoyer les matériaux dans une déchetterie DEEE  
 Inviare i materiali ad un centro di raccolta RAEE  
 Die Materialien in einem WEEE-Zentrum entsorgen

