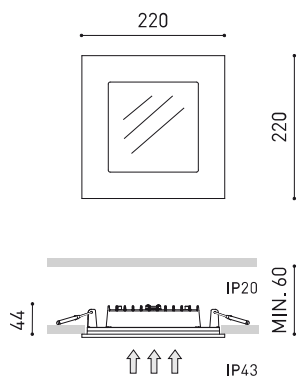




Dimensions



Name	QUAD 3 3000K W
Reference	A1890311W
Colour	Matt white
RAL	9010
Category	CEILING RECESSED

Type	LED
Gross luminous flux	3000 lm
Colour temperature	3000 K
Chromatic stability	MacAdam Step 2
Colour Rendering Index	CRI>90
Power	22 W
Current	700 mA
Efficacy	136 lm/W
LED lifespan	L80B10 >60.000h
Energy efficiency class	D

Lighting efficiency	76%
Light beam angle	102°

Driver	Included - Connected
Power values of the system	25,03 W
Frequency	50/60 Hz
Dimming	No Dim
Electrical insulation class	<input type="checkbox"/>

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

PRODUCT

LIGHT SOURCE

LIGHTING FIXTURE | PHOTOMETRIC DATA

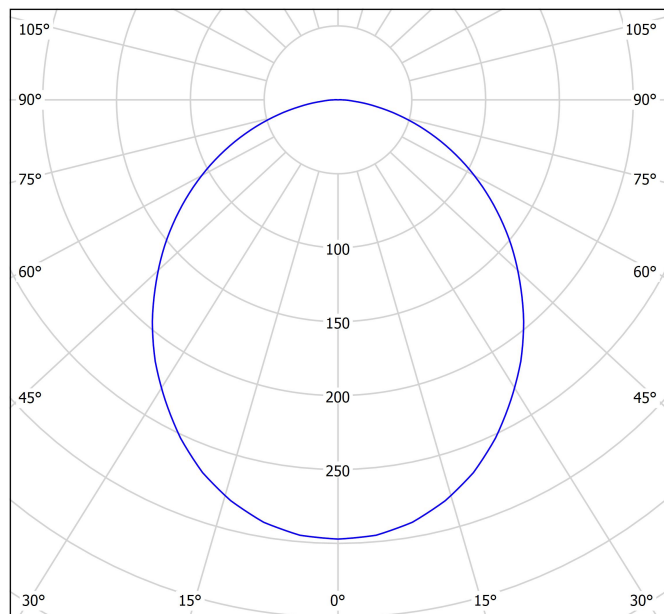
LIGHTING FIXTURE | ELECTRICAL DATA

OTHER DATA



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

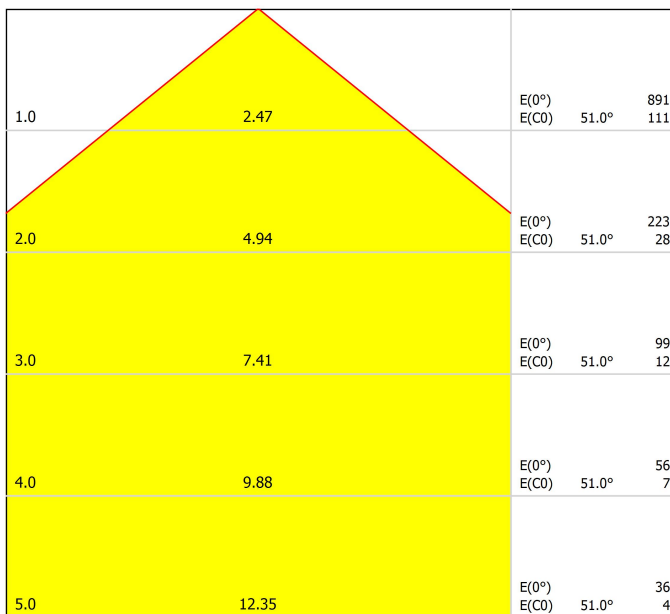
Polar diagram



cd/klm
— C0 - C180 — C90 - C270

η = 76%

Conical diagram



Distance [m] Cone Diameter [m]
— C0 - C180 (Half-value Angle: 102.0°)

Illuminance [lx]

UGR

Glare Evaluation According to UGR

p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p 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	24.5	25.8	24.8	26.0	26.3	24.5	25.8	24.8	26.0	26.3
	3H	26.2	27.4	26.5	27.6	27.9	26.2	27.4	26.5	27.6	27.9
	4H	26.8	27.9	27.2	28.2	28.5	26.8	27.9	27.2	28.2	28.5
	6H	27.2	28.3	27.6	28.6	28.9	27.2	28.3	27.6	28.6	28.9
	8H	27.4	28.4	27.7	28.7	29.0	27.4	28.4	27.7	28.7	29.0
	12H	27.4	28.4	27.8	28.7	29.1	27.4	28.4	27.8	28.7	29.1
4H	2H	25.1	26.2	25.4	26.5	26.7	25.1	26.2	25.4	26.5	26.7
	3H	27.0	27.9	27.4	28.2	28.6	27.0	27.9	27.4	28.2	28.6
	4H	27.7	28.6	28.1	28.9	29.3	27.7	28.6	28.1	28.9	29.3
	6H	28.3	29.0	28.7	29.4	29.8	28.3	29.0	28.7	29.4	29.8
	8H	28.5	29.1	28.9	29.5	29.9	28.5	29.1	28.9	29.5	29.9
	12H	28.6	29.2	29.0	29.6	30.0	28.6	29.2	29.0	29.6	30.0
8H	4H	28.0	28.7	28.4	29.1	29.5	28.0	28.7	28.4	29.1	29.5
	6H	28.7	29.2	29.1	29.7	30.1	28.7	29.2	29.1	29.7	30.1
	8H	28.9	29.4	29.4	29.9	30.3	28.9	29.4	29.4	29.9	30.3
	12H	29.1	29.5	29.6	30.0	30.5	29.1	29.5	29.6	30.0	30.5
12H	4H	28.0	28.6	28.5	29.0	29.5	28.0	28.6	28.5	29.0	29.5
	6H	28.7	29.2	29.2	29.7	30.1	28.7	29.2	29.2	29.7	30.1
	8H	29.0	29.4	29.5	29.9	30.4	29.0	29.4	29.5	29.9	30.4
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 3000lm Total Luminous Flux											

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	6.7	6.7
Summand		

Corrected Glare Indices referring to 3000lm 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 de 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

