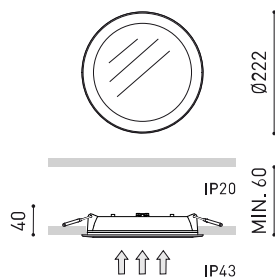




Dimensions

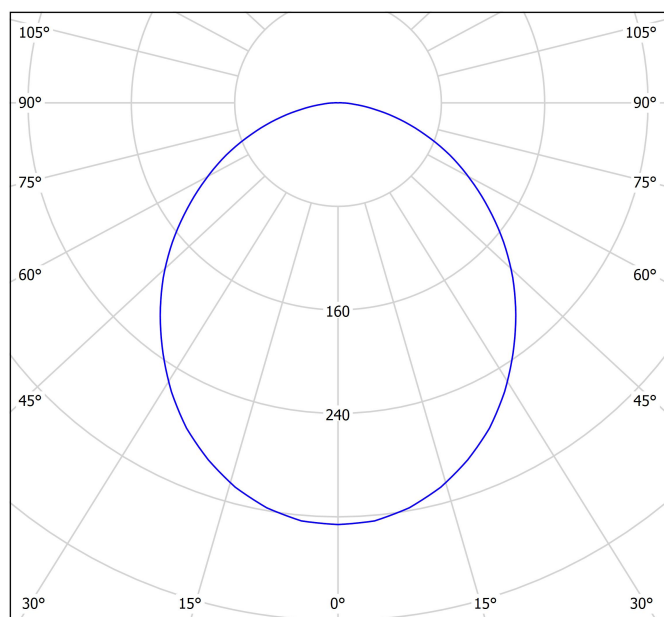


		<b>PRODUCT</b>
	Name	MIX 1 4000K W
	Reference	A1870112W
	Colour	Matt white
	RAL	9010
	Category	CEILING RECESSED
		<b>LIGHT SOURCE</b>
	Type	LED
	Gross luminous flux	1675 lm
	Colour temperature	4000 K
	Chromatic stability	MacAdam Step 2
	Colour Rendering Index	CRI>90
	Power	10,5 W
	Current	350 mA
	Efficacy	160 lm/W
	LED lifespan	L80B10 >60.000h
	Energy efficiency class	D
		<b>LIGHTING FIXTURE   PHOTOMETRIC DATA</b>
	Lighting efficiency	83%
	Light beam angle	102°
		<b>LIGHTING FIXTURE   ELECTRICAL DATA</b>
	Driver	Included - Connected
	Power values of the system	12,40 W
	Frequency	50/60 Hz
	Dimming	No Dim
	Electrical insulation class	<input type="checkbox"/>
		<b>OTHER DATA</b>
	Sealing	IP43
	Wireless control	Please Consult
	Emergency power supply	Please Consult
	Impact resistance	IK07
	Recess measurements	Ø205 mm
	Weight	950 g
	Packaged weight	1176,8 g
	Packaging dimensions	298 x 249 x 74 mm
	Units per package	1
	Materials	Aluminium / Polymethyl Methacrylate



Mix is an essential downlight for general lighting applications. A classic, taken to the LED vanguard, which sums up all the quality values of our best products and a wide range of options.

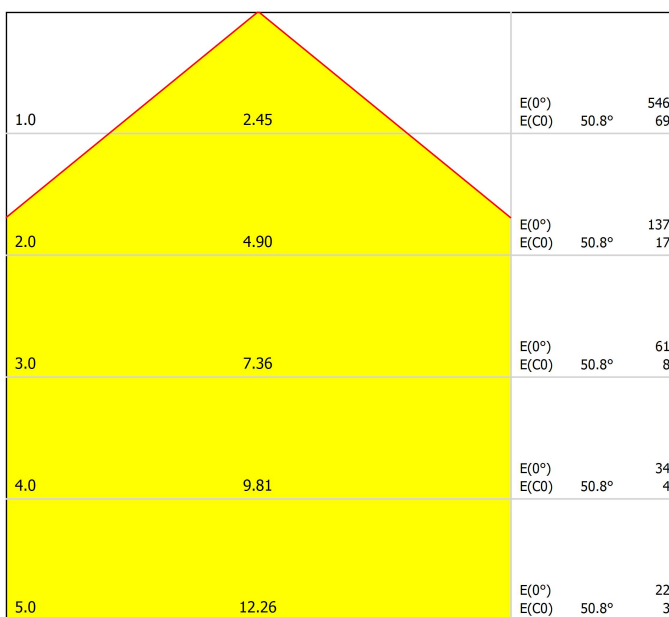
## Polar diagram



cd/klm  
C0 - C180 — C90 - C270

$\eta = 83\%$

## Conical diagram



Distance [m] Cone Diameter [m]  
C0 - C180 (Half-value Angle: 101.6°)

Illuminance [lx]

## UGR

### Glare Evaluation According to UGR

ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	30	50	30	50	30	30	
ρ 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	21.8	23.1	22.1	23.3	23.6	21.8	23.1	22.1	23.3	23.6
	3H	23.5	24.7	23.8	24.9	25.2	23.5	24.7	23.8	24.9	25.2
	4H	24.1	25.2	24.5	25.5	25.8	24.1	25.2	24.5	25.5	25.8
	6H	24.5	25.6	24.9	25.9	26.2	24.5	25.6	24.9	25.9	26.2
	8H	24.7	25.7	25.0	26.0	26.3	24.7	25.7	25.0	26.0	26.3
4H	12H	24.8	25.7	25.1	26.0	26.4	24.8	25.7	25.1	26.0	26.4
	2H	22.4	23.5	22.7	23.8	24.1	22.4	23.5	22.7	23.8	24.1
	3H	24.3	25.2	24.7	25.5	25.9	24.3	25.2	24.7	25.5	25.9
	4H	25.0	25.9	25.4	26.2	26.6	25.0	25.9	25.4	26.2	26.6
	6H	25.6	26.3	26.0	26.7	27.1	25.6	26.3	26.0	26.7	27.1
8H	8H	25.8	26.4	26.2	26.8	27.2	25.8	26.4	26.2	26.8	27.2
	12H	25.9	26.5	26.3	26.9	27.3	25.9	26.5	26.3	26.9	27.3
	4H	25.3	26.0	25.7	26.4	26.8	25.3	26.0	25.7	26.4	26.8
	6H	26.0	26.5	26.4	27.0	27.4	26.0	26.5	26.4	27.0	27.4
	8H	26.2	26.7	26.7	27.2	27.6	26.2	26.7	26.7	27.2	27.6
12H	12H	26.4	26.8	26.9	27.3	27.8	26.4	26.8	26.9	27.3	27.8
	4H	25.3	25.9	25.8	26.3	26.8	25.3	25.9	25.8	26.3	26.8
	6H	26.0	26.5	26.5	27.0	27.4	26.0	26.5	26.5	27.0	27.4
8H	26.3	26.7	26.8	27.2	27.7	26.3	26.7	26.8	27.2	27.7	
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		6.3					6.3				
Corrected Glare Indices referring to 1675lm 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

