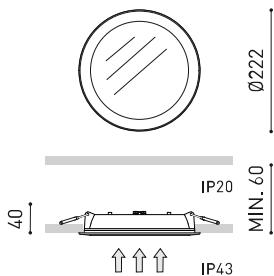




Dimensions



Name	MIX 1 DIM DALI 4000K W
Reference	A1870142W
Colour	Matt white
RAL	9010
Category	CEILING RECESSED

PRODUCT

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

LIGHT SOURCE

Lighting efficiency	83%
Light beam angle	102°

LIGHTING FIXTURE | PHOTOMETRIC DATA

Driver	Included - Connected
Power values of the system	12,95 W
Frequency	50/60 Hz
Dimming	DALI
Electrical insulation class	□

LIGHTING FIXTURE | ELECTRICAL DATA

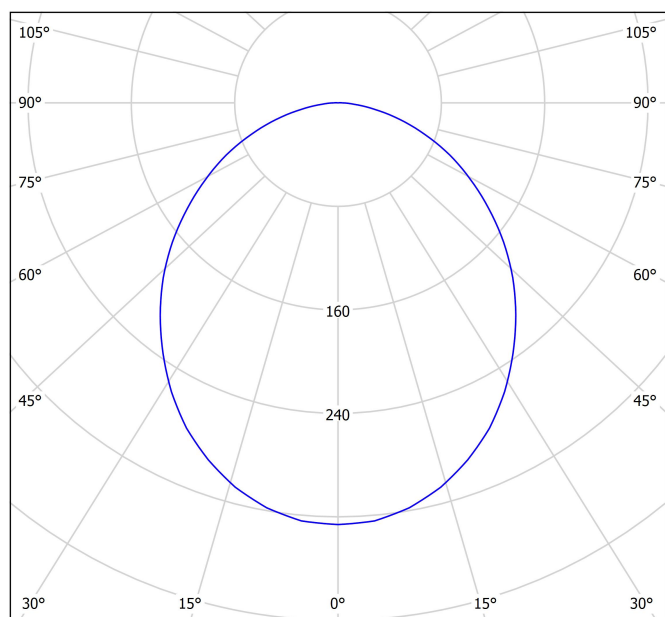
Sealing	IP43
Wireless control	Please Consult
Emergency power supply	Please Consult
Impact resistance	IK07
Recess measurements	Ø205 mm
Weight	950 g
Packaged weight	1176,8 g
Packaging dimensions	298 x 249 x 74 mm
Units per package	1
Materials	Aluminium / Polymethyl Methacrylate

OTHER DATA



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.

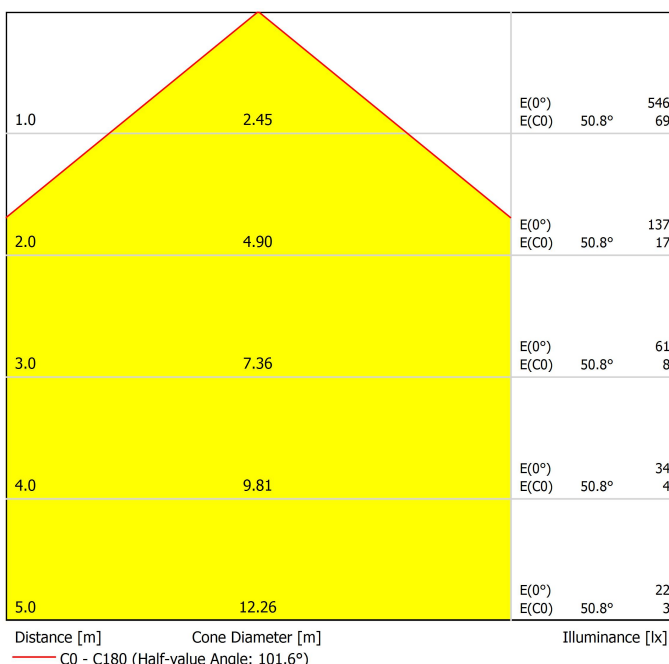
## Polar diagram



cd/klm  
C0 - C180 C90 - C270

$\eta = 83\%$

## Conical diagram



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

## UGR

### Glare Evaluation According to UGR

Room Size	X	Y	2H	3H	4H	6H	8H	12H	2H	3H	4H	6H	8H	12H	2H	3H	4H	6H	8H	12H	2H	3H	4H	6H	8H	12H
2H	2H	21.8	23.1	22.1	23.3	23.6	21.8	23.1	22.1	23.3	23.6	21.8	23.1	22.1	23.3	23.6	21.8	23.1	22.1	23.3	23.6	21.8	23.1	22.1	23.3	23.6
3H	3H	23.5	24.7	23.8	24.9	25.2	23.5	24.7	23.8	24.9	25.2	23.5	24.7	23.8	24.9	25.2	23.5	24.7	23.8	24.9	25.2	23.5	24.7	23.8	24.9	25.2
4H	4H	24.1	25.2	24.5	25.5	25.8	24.1	25.2	24.5	25.5	25.8	24.1	25.2	24.5	25.5	25.8	24.1	25.2	24.5	25.5	25.8	24.1	25.2	24.5	25.5	25.8
6H	6H	24.5	25.6	24.9	25.9	26.2	24.5	25.6	24.9	25.9	26.2	24.5	25.6	24.9	25.9	26.2	24.5	25.6	24.9	25.9	26.2	24.5	25.6	24.9	25.9	26.2
8H	8H	24.7	25.7	25.0	26.0	26.3	24.7	25.7	25.0	26.0	26.3	24.7	25.7	25.0	26.0	26.3	24.7	25.7	25.0	26.0	26.3	24.7	25.7	25.0	26.0	26.3
12H	12H	24.8	25.7	25.1	26.0	26.4	24.8	25.7	25.1	26.0	26.4	24.8	25.7	25.1	26.0	26.4	24.8	25.7	25.1	26.0	26.4	24.8	25.7	25.1	26.0	26.4
4H	2H	22.4	23.5	22.7	23.8	24.1	22.4	23.5	22.7	23.8	24.1	22.4	23.5	22.7	23.8	24.1	22.4	23.5	22.7	23.8	24.1	22.4	23.5	22.7	23.8	24.1
3H	3H	24.3	25.2	24.7	25.5	25.9	24.3	25.2	24.7	25.5	25.9	24.3	25.2	24.7	25.5	25.9	24.3	25.2	24.7	25.5	25.9	24.3	25.2	24.7	25.5	25.9
4H	4H	25.0	25.9	25.4	26.2	26.6	25.0	25.9	25.4	26.2	26.6	25.0	25.9	25.4	26.2	26.6	25.0	25.9	25.4	26.2	26.6	25.0	25.9	25.4	26.2	26.6
6H	6H	25.6	26.3	26.0	26.7	27.1	25.6	26.3	26.0	26.7	27.1	25.6	26.3	26.0	26.7	27.1	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	25.8	26.4	26.2	26.8	27.2	25.8	26.4	26.2	26.8	27.2	25.8	26.4	26.2	26.8	27.2
12H	12H	25.9	26.5	26.3	26.9	27.3	25.9	26.5	26.3	26.9	27.3	25.9	26.5	26.3	26.9	27.3	25.9	26.5	26.3	26.9	27.3	25.9	26.5	26.3	26.9	27.3
8H	4H	25.3	26.0	25.7	26.4	26.8	25.3	26.0	25.7	26.4	26.8	25.3	26.0	25.7	26.4	26.8	25.3	26.0	25.7	26.4	26.8	25.3	26.0	25.7	26.4	26.8
6H	6H	26.0	26.5	26.4	27.0	27.4	26.0	26.5	26.4	27.0	27.4	26.0	26.5	26.4	27.0	27.4	26.0	26.5	26.4	27.0	27.4	26.0	26.5	26.4	27.0	27.4
8H	8H	26.2	26.7	26.7	27.2	27.6	26.2	26.7	26.7	27.2	27.6	26.2	26.7	26.7	27.2	27.6	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	26.4	26.8	26.9	27.3	27.8	26.4	26.8	26.9	27.3	27.8	26.4	26.8	26.9	27.3	27.8
12H	4H	25.3	25.9	25.8	26.3	26.8	25.3	25.9	25.8	26.3	26.8	25.3	25.9	25.8	26.3	26.8	25.3	25.9	25.8	26.3	26.8	25.3	25.9	25.8	26.3	26.8
6H	6H	26.0	26.5	26.5	27.0	27.4	26.0	26.5	26.5	27.0	27.4	26.0	26.5	26.5	27.0	27.4	26.0	26.5	26.5	27.0	27.4	26.0	26.5	26.5	27.0	27.4
8H	8H	26.3	26.7	26.8	27.2	27.7	26.3	26.7	26.8	27.2	27.7	26.3	26.7	26.8	27.2	27.7	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	6.3	6.3
Summand		

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

