



## MESON REFIT PRO

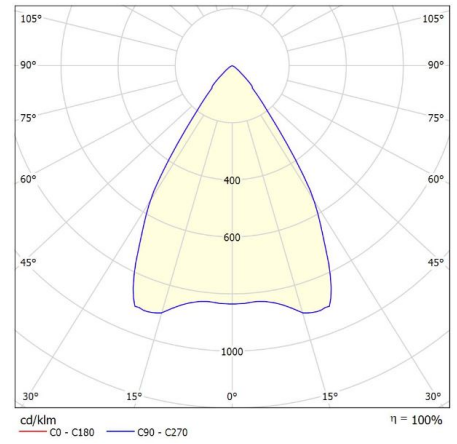
Meson Refit pro is an efficient recessed LED downlight suitable for a wide range of existing ceiling cut-outs.

- Decorative cover ring
- Suitable for a wide variety of existing ceiling cut-outs (Ø185 - 230mm)
- Luminaire efficiency > 125lm/W

**Categories:** [Downlights and recessed spotlights](#)



## PRODUCT IMAGES



**Glare Evaluation According to UGR**

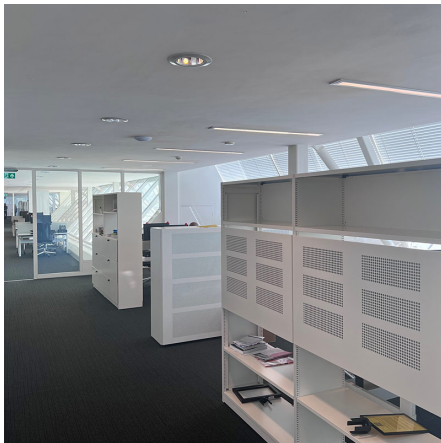
Room Size	X	Y	70	70	50	50	30	70	70	50	50	30	
μ Ceiling			70	70	50	50	30	70	70	50	50	30	
μ Walls			50	30	50	30	30	50	30	50	30	30	
μ Floor			20	20	20	20	20	20	20	20	20	20	
Room Size		Viewing direction at right angles to lamp axis						Viewing direction parallel to lamp axis					
X	Y												
2H	2H	19.0	19.7	19.2	19.9	20.1	19.0	19.7	19.2	19.9	20.1		
	3H	18.8	19.5	19.1	19.7	19.9	18.8	19.5	19.1	19.7	19.9		
	4H	18.8	19.4	19.1	19.6	19.9	18.8	19.4	19.1	19.6	19.9		
	6H	18.7	19.2	19.0	19.5	19.8	18.7	19.2	19.0	19.5	19.8		
	8H	18.6	19.2	19.0	19.5	19.8	18.6	19.2	19.0	19.5	19.8		
	12H	18.6	19.1	19.0	19.4	19.7	18.6	19.1	19.0	19.4	19.7		
4H	2H	18.8	19.4	19.1	19.6	19.9	18.8	19.4	19.1	19.6	19.9		
	3H	18.6	19.1	19.0	19.4	19.8	18.6	19.1	19.0	19.4	19.8		
	4H	18.6	19.0	18.9	19.3	19.7	18.6	19.0	18.9	19.3	19.7		
	6H	18.5	18.9	18.9	19.2	19.6	18.5	18.9	18.9	19.2	19.6		
	8H	18.5	18.8	18.9	19.2	19.6	18.5	18.8	18.9	19.2	19.6		
	12H	18.4	18.7	18.8	19.1	19.5	18.4	18.7	18.8	19.1	19.5		
8H	4H	18.5	18.8	18.9	19.2	19.6	18.5	18.8	18.9	19.2	19.6		
	6H	18.4	18.6	18.8	19.0	19.5	18.4	18.6	18.8	19.0	19.5		
	8H	18.3	18.5	18.8	19.0	19.4	18.3	18.5	18.8	19.0	19.4		
	12H	18.3	18.4	18.8	18.9	19.4	18.3	18.4	18.8	18.9	19.4		
12H	4H	18.4	18.7	18.8	19.1	19.5	18.4	18.7	18.8	19.1	19.5		
	6H	18.3	18.5	18.8	19.0	19.4	18.3	18.5	18.8	19.0	19.4		
	8H	18.3	18.4	18.8	18.9	19.4	18.3	18.4	18.8	18.9	19.4		

Variation of the observer position for the luminaire distances S

S	+5.0	-8.2	+5.0	-8.2
S = 1,0H	+7.7	-13.2	+7.7	-13.2
S = 2,0H	+9.7	-33.2	+9.7	-33.2

Standard table BK00  
Correction Summand 0.3

Corrected Glare Indices referring to 2681lm Total Luminous Flux



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**NOTES**

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## ADDITIONAL INFORMATION

<b>Air extraction</b>	N/A
<b>Armaturefficiëntie</b>	>125lm/W
<b>Bevestiging</b>	recessed mounting
<b>CIE Flux code</b>	93 100 100 100 100
<b>Driver positie</b>	Loose driver
<b>Energielabel</b>	A++
<b>Family</b>	Meson
<b>Photobiological safety</b>	IEC 62471: RG1 (low risc)
<b>Glare (UGR)</b>	<19
<b>IP-class</b>	IP20 (upwards)/IP40 (downwards)
<b>Isolatieklasse</b>	Class II
<b>Kleurconsistentie (SDCM)</b>	SDCM=2
<b>Kleurtemperatuur</b>	Tunable White, 2700K, 3000K, 3500K, 4000K
<b>Color Rendering Index (CRI)</b>	CRI97, CRI90, CRI80
<b>Light control</b>	1-10V dimming, Casambi dimming, DALI dimming, Optional
<b>Luchtafzuiging</b>	n.v.t.
<b>Material</b>	Acrylic, Steel
<b>Emergency lighting</b>	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
<b>Ambient temperature</b>	-20°C / +40°C
<b>Optics</b>	Opalen diffusor, Reflector
<b>Oriëntatie</b>	Down
<b>Packaging dimensions</b>	Bulk packaging
<b>Powerfactor</b>	>9
<b>Primaire aansluitingen</b>	BST 14i2, Europlug, On request, GST18i3, GST18i5 pastelblauw, On the driver
<b>Productkleur</b>	On request
<b>Producttoepassing</b>	Education, Hospitality, Office, Public spaces
<b>Self-adhesive dust cover</b>	Optional
<b>Verpakkingsafmetingen</b>	Bulkverpakking
<b>Verwachte levensduur</b>	L90B50@60,000h (Tq 25°C)

<b>Voltage / frequentie</b>	220-240V, 50 / 60Hz
<b>Shape</b>	Round
<b>Zelfklevende stofkap</b>	Optioneel

## PHOTOMETRIC DATA

46205.30 Meson Refit pro 9W 1100lm 3000K CRI80 UGR16 G7  
46205.40 Meson Refit pro 9W 1150lm 4000K CRI80 UGR16 G7  
46207.30 Meson Refit pro 15W 1750lm 3000K CRI80 UGR18 G7  
46207.40 Meson Refit pro 15W 1800lm 4000K CRI80 UGR18 G7  
46216.30 Meson Refit pro 20W 2150lm 3000K CRI80 UGR19 G7  
46216.40 Meson Refit pro 20W 2200lm 4000K CRI80 UGR19 G7  
46218.30 Meson Refit pro 26W 2700lm 3000K CRI80 UGR19 G7  
46218.40 Meson Refit pro 26W 2750lm 4000K CRI80 UGR19 G7

46432.830 Meson refit Pro 8W 1100lm 3000K CRI80 G8  
46433.830 Meson refit Pro 11W 1500lm 3000K CRI80 G8  
46434.830 Meson refit Pro 14W 1800lm 3000K CRI80 G8  
46435.830 Meson refit Pro 15W 1900lm 3000K CRI80 G8  
46436.830 Meson refit Pro 17W 2200lm 3000K CRI80 G8  
46438.830 Meson refit Pro 24W 2800lm 3000K CRI80 G8

46432.840 Meson refit Pro 8W 1100lm 4000K CRI80 G8  
46433.840 Meson refit Pro 11W 1500lm 4000K CRI80 G8  
46434.840 Meson refit Pro 14W 1900lm 4000K CRI80 G8  
46435.840 Meson refit Pro 15W 2000lm 4000K CRI80 G8  
46436.840 Meson refit Pro 17W 2300lm 4000K CRI80 G8  
46438.840 Meson refit Pro 24W 3100lm 4000K CRI80 G8

46432.930 Meson refit Pro 8W 1000lm 3000K CRI90 G8  
46433.930 Meson refit Pro 11W 1300lm 3000K CRI90 G8  
46434.930 Meson refit Pro 14W 1600lm 3000K CRI90 G8  
46435.930 Meson refit Pro 15W 1700lm 3000K CRI90 G8  
46436.930 Meson refit Pro 17W 1900lm 3000K CRI90 G8  
46437.930 Meson refit Pro 19W 2100lm 3000K CRI90 G8  
46438.930 Meson refit Pro 24W 2500lm 3000K CRI90 G8

46432.940 Meson refit Pro 8W 1000lm 4000K CRI90 G8  
46433.940 Meson refit Pro 11W 1400lm 4000K CRI90 G8  
46434.940 Meson refit Pro 14W 1600lm 4000K CRI90 G8  
46435.940 Meson refit Pro 15W 1800lm 4000K CRI90 G8  
46436.940 Meson refit Pro 17W 2000lm 4000K CRI90 G8  
46437.940 Meson refit Pro 19W 2200lm 4000K CRI90 G8  
46438.940 Meson refit Pro 24W 2600lm 4000K CRI90 G8

## LDT / PHOTOMETRICS DOWNLOADS

### LDT / Photometrics downloads

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