



METRONOME-S BLACK

Metronome-S black is a linear LED pendant luminaire equipped with 36 or 28 lenses, recessed behind a grid-shaped louver. The optics are located at the bottom by default, and versions with direct and indirect lighting (UP/DOWN) are also available. A choice can be made between < optics (standard) and <16

- Architectural appearance with 36 or 28 optics
- Choice between UGR< 19 and UGR< 16 optics
- Louver finish white or black
- Versions with direct and indirect lighting (UP/DOWN) are available

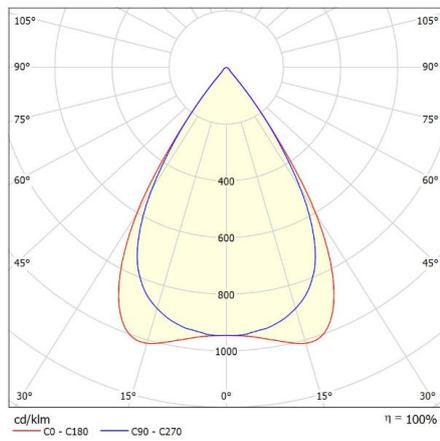
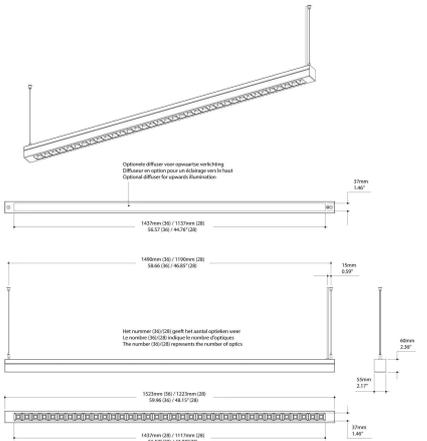
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Categories: [Pendant luminaires](#)



PRODUCT IMAGES



Glare Evaluation According to UGR

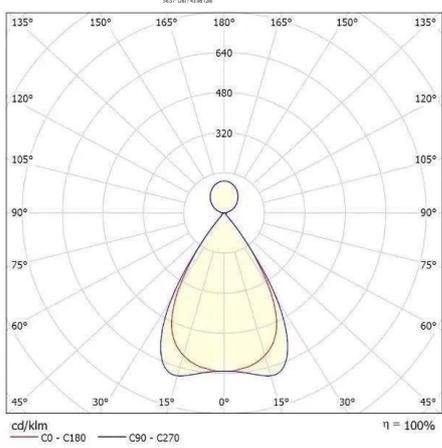
p. Ceiling		70	70	50	50	30	70	70	50	50	30
p. Walls		50	30	50	30	30	50	30	50	30	30
p. Floor		20	20	20	20	20	20	20	20	20	20
Room Size	Viewing direction at right angles	Viewing direction parallel									
X	Y	to long axis					to long axis				
2H	2H	15.9	16.6	16.2	16.8	17.0	15.2	15.9	15.5	16.1	16.3
	3H	15.8	16.5	16.1	16.7	16.9	15.1	15.7	15.4	16.0	16.2
	4H	15.8	16.4	16.1	16.6	16.9	15.1	15.7	15.4	15.9	16.2
	6H	15.7	16.3	16.0	16.5	16.8	15.0	15.5	15.3	15.8	16.1
4H	8H	15.7	16.2	16.0	16.5	16.8	14.9	15.5	15.3	15.8	16.1
	12H	15.7	16.1	16.0	16.4	16.7	14.9	15.4	15.3	15.7	16.0
	2H	15.8	16.3	16.1	16.6	16.9	15.1	15.6	15.4	15.9	16.1
	3H	15.7	16.2	16.0	16.5	16.8	15.0	15.5	15.3	15.8	16.1
8H	4H	15.6	16.0	16.0	16.4	16.7	14.9	15.4	15.3	15.7	16.0
	6H	15.6	15.9	16.0	16.3	16.7	14.9	15.2	15.3	15.6	16.0
	8H	15.5	15.8	15.9	16.2	16.6	14.8	15.1	15.3	15.5	15.9
	12H	15.5	15.8	15.9	16.2	16.6	14.8	15.1	15.2	15.5	15.9
12H	4H	15.5	15.8	15.9	16.2	16.6	14.8	15.1	15.3	15.5	15.9
	6H	15.5	15.7	15.9	16.1	16.6	14.8	15.0	15.2	15.4	15.9
	8H	15.4	15.6	15.9	16.1	16.5	14.7	14.9	15.2	15.4	15.8
	12H	15.4	15.3	15.9	16.0	16.5	14.7	14.8	15.2	15.3	15.8

Variation of the observer position for the luminaire distances S:

S = 1.0H	+5.6 / -8.4	+5.2 / -7.9
S = 1.5H	+8.4 / -9.2	+7.9 / -8.8
S = 2.0H	+10.4 / -10.5	+9.9 / -9.7

Standard table BK00
Correction Summand -2.7
BK00 -3.4

Corrected Glare indices referring to 4232lm Total Luminous Flux



f-waardering volgens UGR

p. Plafond		70	70	50	50	30	70	70	50	50	30
p. Muren		50	30	50	30	30	50	30	50	30	30
p. Vloer		20	20	20	20	20	20	20	20	20	20
Ruimteafmeting	Perspectief diens	Perspectief langs									
X	Y	to.v. lampen					to.v. lampen				
2H	2H	16.7	17.4	16.9	17.6	17.8	16.0	16.7	16.2	16.8	17.0
	3H	16.6	17.2	16.9	17.5	17.7	15.9	16.5	16.2	16.7	17.0
	4H	16.5	17.1	16.9	17.4	17.6	15.8	16.4	16.1	16.7	16.9
	6H	16.5	17.0	16.8	17.3	17.6	15.8	16.3	16.1	16.6	16.9
4H	8H	16.4	17.0	16.8	17.2	17.5	15.7	16.3	16.1	16.5	16.8
	12H	16.4	16.9	16.8	17.2	17.5	15.7	16.2	16.1	16.5	16.8
	2H	16.5	17.1	16.8	17.4	17.6	15.8	16.4	16.1	16.6	16.9
	3H	16.4	16.9	16.8	17.2	17.5	15.7	16.2	16.1	16.5	16.8
8H	4H	16.4	16.8	16.8	17.1	17.5	15.7	16.1	16.1	16.4	16.8
	6H	16.3	16.7	16.7	17.0	17.4	15.6	16.0	16.0	16.3	16.7
	8H	16.3	16.6	16.7	17.0	17.4	15.6	15.9	16.0	16.3	16.7
	12H	16.3	16.5	16.7	16.9	17.3	15.6	15.8	16.0	16.2	16.7
12H	4H	16.3	16.6	16.7	17.0	17.4	15.6	15.9	16.0	16.3	16.7
	6H	16.2	16.5	16.7	16.9	17.3	15.5	15.8	16.0	16.2	16.6
	8H	16.2	16.4	16.6	16.8	17.3	15.5	15.7	16.0	16.1	16.6
	12H	16.1	16.3	16.6	16.8	17.2	15.5	15.6	15.9	16.1	16.6

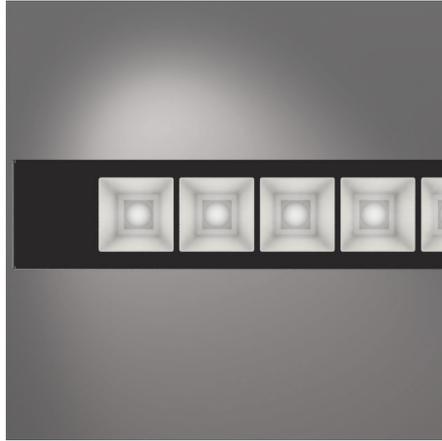
Variatie op waarmen positie voor lampafstanden S:

S = 1.0H	+5.6 / -8.4	+5.2 / -7.9
S = 1.5H	+8.4 / -9.2	+7.9 / -8.8
S = 2.0H	+10.4 / -10.5	+9.9 / -9.7

Standardtabel BK00
Correctie-optelval -1.9
BK00 -2.6

Gecorrigeerde verlichtingsdichtheid in relatie tot 4096lm Totale lichtstroom





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NOTES

ADDITIONAL INFORMATION

Producttoepassing	Education, Hospitality, Office, Public spaces
Shape	Rectangular
Energielabel	A++
Glare (UGR)	<19
Kleurtemperatuur	Tunable White, 2700K
Voltage / frequency	220-240V, 50 / 60Hz
Verwachte levensduur	L90B50@60,000h (Tq 25°C)
Color Rendering Index (CRI)	CRI90, CRI80
IP-class	IP20 (upwards)/IP40 (downwards)
Light control	1-10V dimming, Casambi dimming, DALI dimming
Emergency lighting	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
Primaire aansluitingen	GST18i5 pastelblauw, Kabel
Productkleur	On request
Isolatieklasse	Class II, Class-I
Self-adhesive dust cover	Optional
Spot bundle (FWHM)	
Air extraction	N/A
Family	Metronome
Armatuurefficiëntie	>140lm/W
Bevestiging	Pendant
Optics	Lens en louver
Material	Steel
Length	
Breedte	50mm
Packaging dimensions	Bulk packaging
CIE Flux code	96 99 100 100 100
Powerfactor	>0.9
Driver positie	Integrated
Ambient temperature	-20°C / +40°C
Kleurconsistentie (SDCM)	SDCM=3

Oriëntatie

Down, Up+Down

Photobiological safety

IEC 62471: RG1 (low risc)

Hoogte

