



METRONOME-S BLACK

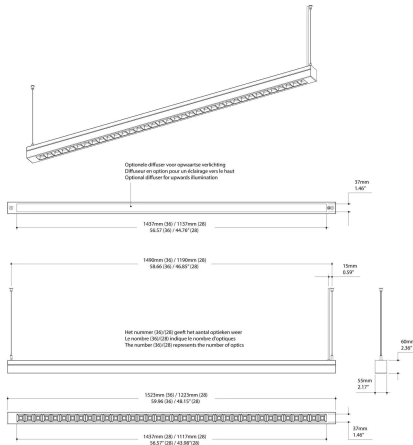
Metronome-S black is a linear LED pendant luminaire equipped with 36 or 28 lenses, recessed behind a grid-shaped louver. The optics are located at the bottom by default, and versions with direct and indirect lighting (UP/DOWN) are also available. A choice can be made between < 19 optics (standard) and < 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

Categories: [Pendant luminaires](#)



PRODUCT IMAGES



Glare Evaluation According to UGR

		p Ceiling					p Walls					p Floor				
		70	70	50	50	30	70	70	50	50	30	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	15.9	16.6	16.2	16.8	17.0	15.2	15.9	15.5	16.1	16.3	15.8	16.5	16.1	16.7	16.9
	3H	15.8	16.5	16.1	16.7	16.9	15.1	15.7	15.4	15.9	16.2	15.7	16.4	16.0	16.6	16.8
	4H	15.8	16.4	16.1	16.6	16.9	15.1	15.7	15.4	15.9	16.2	15.7	16.4	16.0	16.6	16.8
	6H	15.7	16.3	16.0	16.5	16.8	15.0	15.5	15.3	15.8	16.1	15.6	16.3	15.9	16.5	16.7
	8H	15.7	16.2	16.0	16.5	16.8	15.0	15.5	15.3	15.8	16.1	15.6	16.3	15.9	16.5	16.7
4H	2H	15.8	16.3	16.1	16.6	16.9	15.1	15.6	15.4	15.9	16.1	15.7	16.4	16.0	16.6	16.8
	3H	15.7	16.2	16.0	16.5	16.8	15.0	15.5	15.3	15.8	16.1	15.6	16.3	15.9	16.5	16.7
	4H	15.6	16.0	16.0	16.4	16.7	14.9	15.4	15.3	15.7	16.0	15.5	16.2	15.8	16.4	16.6
	6H	15.6	15.9	16.0	16.3	16.7	14.9	15.2	15.3	15.6	16.0	15.5	16.2	15.8	16.4	16.6
	8H	15.5	15.8	15.9	16.2	16.6	14.8	15.1	15.3	15.5	15.9	15.4	16.1	15.7	16.3	16.5
8H	2H	15.5	15.8	15.9	16.2	16.6	14.8	15.1	15.3	15.5	15.9	15.4	16.1	15.7	16.3	16.5
	3H	15.4	15.6	15.9	16.1	16.5	14.7	14.9	15.2	15.4	15.8	15.3	16.0	15.6	16.2	16.4
	4H	15.4	15.5	15.9	16.0	16.5	14.7	14.8	15.2	15.3	15.8	15.3	16.0	15.6	16.2	16.4
	6H	15.4	15.5	15.9	16.0	16.5	14.7	14.8	15.2	15.3	15.8	15.3	16.0	15.6	16.2	16.4
	8H	15.4	15.5	15.9	16.0	16.5	14.7	14.8	15.2	15.3	15.8	15.3	16.0	15.6	16.2	16.4
12H	2H	15.5	15.8	15.9	16.2	16.6	14.8	15.1	15.2	15.5	15.9	15.4	16.1	15.7	16.3	16.5
	3H	15.4	15.6	15.9	16.1	16.5	14.7	14.9	15.2	15.4	15.8	15.3	16.0	15.6	16.2	16.4
	4H	15.4	15.5	15.9	16.0	16.5	14.7	14.8	15.2	15.3	15.8	15.3	16.0	15.6	16.2	16.4
	6H	15.4	15.5	15.9	16.0	16.5	14.7	14.8	15.2	15.3	15.8	15.3	16.0	15.6	16.2	16.4
	8H	15.4	15.5	15.9	16.0	16.5	14.7	14.8	15.2	15.3	15.8	15.3	16.0	15.6	16.2	16.4

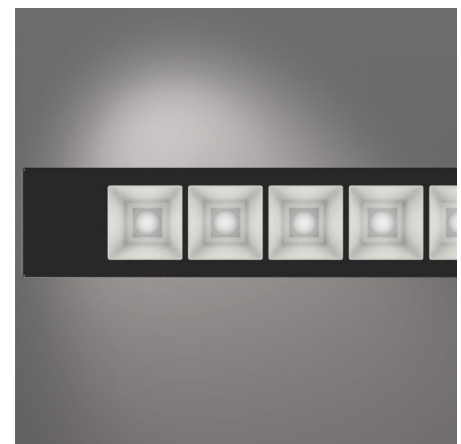
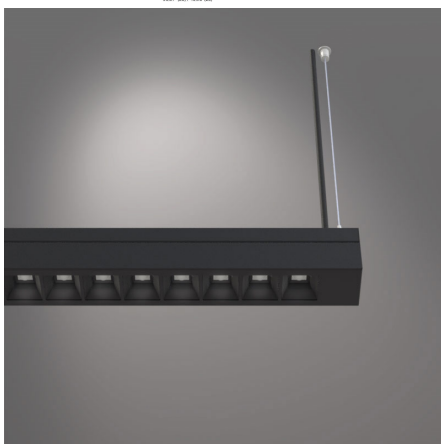
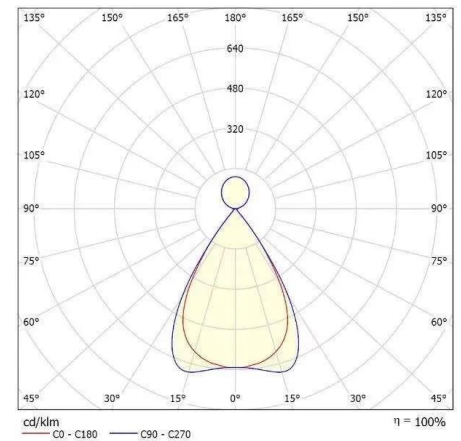
Variation of the observer position for the luminaires distances S:

S	+5.6 / -8.4	+5.2 / -7.9
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 Correction Summand

Correction Summand	BK00	BK00
Correction Summand	-2.7	-3.4

Corrected Glare Indices referring to 422lm Total Luminous Flux



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NOTES

ADDITIONAL INFORMATION

Air extraction	N/A
Armaturefficiëntie	>140lm/W
Bevestiging	pendant
Breedte	50mm
CIE Flux code	93 100 100 100 100
Driver positie	Integrated
Energielabel	A++
Family	Metronome
Photobiological safety	IEC 62471: RG1 (low risc)
Glare (UGR)	<19
IP-class	IP20 (upwards)/IP40 (downwards)
Isolatieklasse	Class II, Class-I
Kleurconsistentie (SDCM)	SDCM=3
Kleurtemperatuur	Tunable White, 2700K, 3000K, 3500K, 4000K
Color Rendering Index (CRI)	CRI90, CRI80
Light control	1-10V dimming, Casambi dimming, DALI dimming, Optional
Luchtafzuiging	n.v.t.
Material	Acrylic, Steel
Emergency lighting	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
Ambient temperature	-20°C / +40°C
Optics	Lens en louver
Oriëntatie	Down, Up+Down
Packaging dimensions	Bulk packaging
Powerfactor	>9
Primaire aansluitingen	On request, Kabel, On the driver
Productkleur	On request
Producttoepassing	Education, Hospitality, Office, Public spaces
Self-adhesive dust cover	Optional
Verpakkingsafmetingen	Bulkverpakking
Verwachte levensduur	L90B50@60,000h (Tq 25°C)

Voltage / frequentie	220-240V, 50 / 60Hz
Shape	Rectangular
Zelfklevende stofkap	Optioneel

PHOTOMETRIC DATA

12.830 Metronome-S 28 15W 2100lm 3000K CRI80 UGR16 G7
 12.830 Metronome-S 28 17W 2450lm 3000K CRI80 UGR16 G7
 12.830 Metronome-S 28 20W 2800lm 3000K CRI80 UGR16 G7
 12.830 Metronome-S 28 22W 3150lm 3000K CRI80 UGR16 G7
 12.830 Metronome-S 28 26W 3700lm 3000K CRI80 UGR16 G7
 12.840 Metronome-S 28 15W 2200lm 4000K CRI80 UGR16 G7
 12.840 Metronome-S 28 17W 2600lm 4000K CRI80 UGR16 G7
 12.840 Metronome-S 28 20W 2950lm 4000K CRI80 UGR16 G7
 12.840 Metronome-S 28 22W 3300lm 4000K CRI80 UGR16 G7
 12.840 Metronome-S 28 26W 3850lm 4000K CRI80 UGR16 G7

12.830 Metronome-S 28 15W 2250lm 3000K CRI80 UGR19 G7
 12.830 Metronome-S 28 17W 2600lm 3000K CRI80 UGR19 G7
 12.830 Metronome-S 28 20W 3000lm 3000K CRI80 UGR19 G7
 12.830 Metronome-S 28 22W 3350lm 3000K CRI80 UGR19 G7
 12.830 Metronome-S 28 26W 3950lm 3000K CRI80 UGR19 G7
 12.840 Metronome-S 28 15W 2350lm 4000K CRI80 UGR19 G7
 12.840 Metronome-S 28 17W 2750lm 4000K CRI80 UGR19 G7
 12.840 Metronome-S 28 20W 3150lm 4000K CRI80 UGR19 G7
 12.840 Metronome-S 28 22W 3550lm 4000K CRI80 UGR19 G7
 12.840 Metronome-S 28 26W 4150lm 4000K CRI80 UGR19 G7

12.830 Metronome-S 36 17W 2350lm 3000K CRI80 UGR16 G7
 12.830 Metronome-S 36 19W 2750lm 3000K CRI80 UGR16 G7
 12.830 Metronome-S 36 22W 3150lm 3000K CRI80 UGR16 G7
 12.830 Metronome-S 36 25W 3550lm 3000K CRI80 UGR16 G7
 12.830 Metronome-S 36 29W 4150lm 3000K CRI80 UGR16 G7
 12.840 Metronome-S 36 17W 2500lm 4000K CRI80 UGR16 G7
 12.840 Metronome-S 36 19W 2900lm 4000K CRI80 UGR16 G7
 12.840 Metronome-S 36 22W 3300lm 4000K CRI80 UGR16 G7
 12.840 Metronome-S 36 25W 3750lm 4000K CRI80 UGR16 G7
 12.840 Metronome-S 36 29W 4350lm 4000K CRI80 UGR16 G7

12.830 Metronome-S 36 17W 2550lm 3000K CRI80 UGR19 G7
 12.830 Metronome-S 36 19W 2950lm 3000K CRI80 UGR19 G7
 12.830 Metronome-S 36 22W 3350lm 3000K CRI80 UGR19 G7
 12.830 Metronome-S 36 25W 3800lm 3000K CRI80 UGR19 G7
 12.830 Metronome-S 36 29W 4400lm 3000K CRI80 UGR19 G7
 12.840 Metronome-S 36 17W 2650lm 4000K CRI80 UGR19 G7
 12.840 Metronome-S 36 19W 3100lm 4000K CRI80 UGR19 G7

12.840 Metronome-S 36 22W 3550lm 4000K CRI80 UGR19 G7

12.840 Metronome-S 36 25W 4000lm 4000K CRI80 UGR19 G7

12.840 Metronome-S 36 29W 4650lm 4000K CRI80 UGR19 G7

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