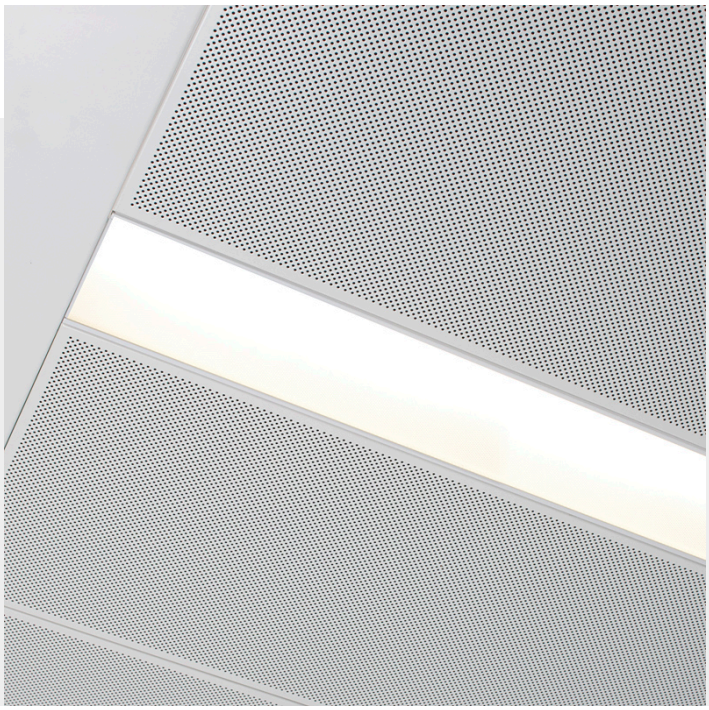


STRATOS-K 100

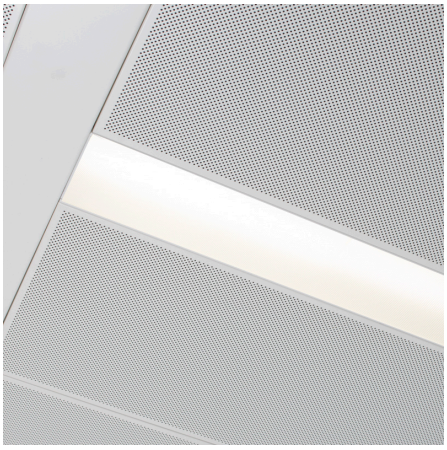
Stratos-K 100 is a linear LED luminaire designed for use in climate ceilings with visible grid systems. The luminaire is shielded by a microprismatic lens (with a UGR<19 for office applications according to NEN-EN 12.464/1).

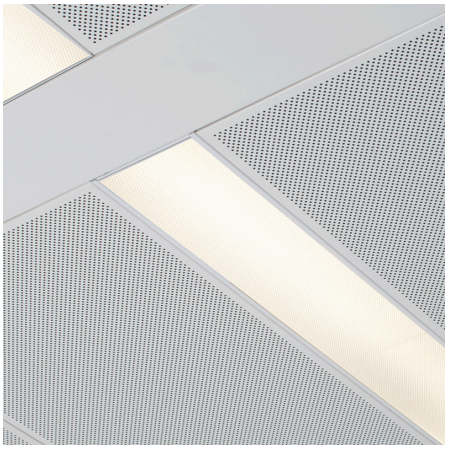
- Powder-coated aluminum construction
- Equipped with a prismatic lens (UGR<19)
- Tunable white or melanopic lighting versions available
- C-hook mounting enables easy installation
- Suitable for use in offices, schools, care centers and other public facilities.

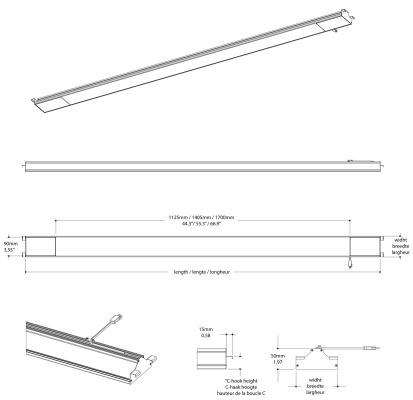
Downloads
Photometrics Stratos-K 100
Create your own product, download the PDF specification sheet or add to the quotation:

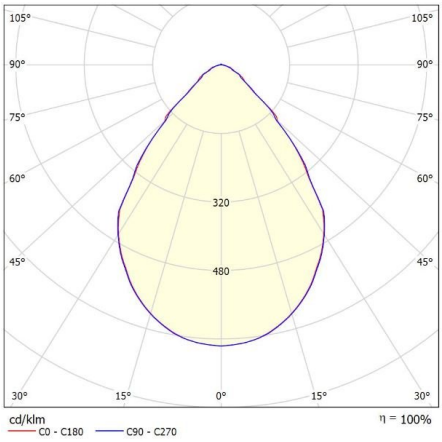
Categories: Climate ceiling fixtures

PRODUCT IMAGES





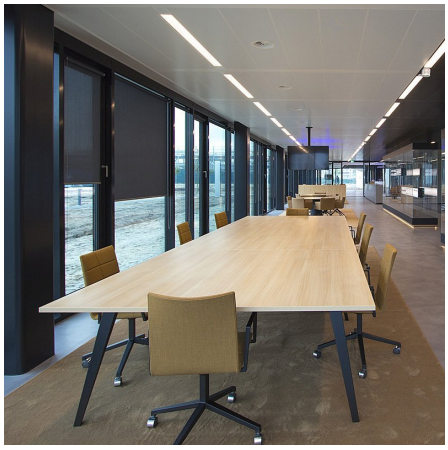


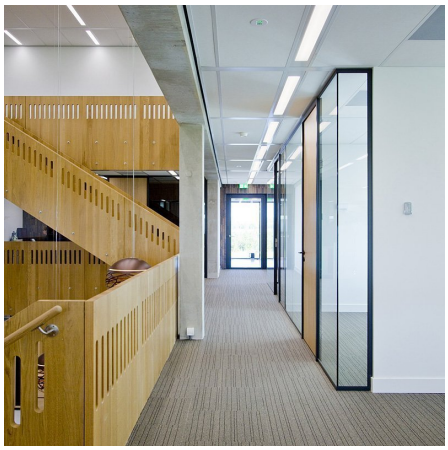


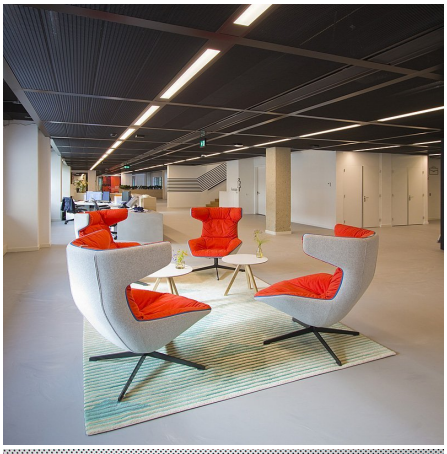
f-waardering volgens UGR

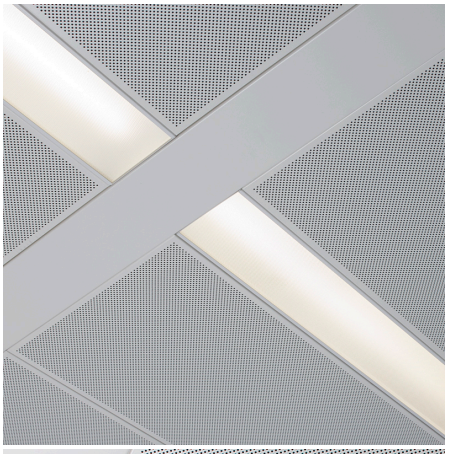
ρ Plafond	70	70	50	50	30	70	70	50	50	30
ρ Muren	50	30	50	30	30	50	30	50	30	30
ρ Vloer	20	20	20	20	20	20	20	20	20	20
Ruimteafmeting X / Y	Perspectief dwars t.o.v. lampenas					Perspectief langs t.o.v. lampenas				
2H / 2H	17.4	18.4	17.7	18.6	18.8	17.4	18.3	17.7	18.6	18.8
3H	17.8	18.6	18.1	18.9	19.1	17.7	18.6	18.0	18.8	19.1
4H	17.9	18.7	18.3	19.0	19.3	17.9	18.7	18.3	19.0	19.3
6H	18.1	18.8	18.4	19.1	19.4	18.0	18.8	18.4	19.1	19.4
8H	18.1	18.8	18.4	19.1	19.4	18.1	18.7	18.4	19.1	19.4
12H	18.1	18.8	18.5	19.1	19.4	18.1	18.7	18.4	19.1	19.4
4H / 2H	17.5	18.3	17.8	18.5	18.8	17.4	18.2	17.8	18.5	18.8
3H	17.9	18.6	18.3	18.9	19.3	17.9	18.6	18.3	18.9	19.2
4H	18.2	18.8	18.6	19.2	19.5	18.2	18.8	18.6	19.1	19.5
6H	18.4	18.9	18.8	19.3	19.7	18.4	18.9	18.8	19.3	19.7
8H	18.5	18.9	18.9	19.3	19.7	18.5	18.9	18.9	19.3	19.7
12H	18.5	18.9	19.0	19.4	19.8	18.5	18.9	19.0	19.3	19.8
8H / 4H	18.3	18.7	18.7	19.1	19.5	18.3	18.7	18.7	19.1	19.5
6H	18.5	18.9	19.0	19.3	19.8	18.5	18.9	19.0	19.3	19.8
8H	18.6	18.9	19.1	19.4	19.9	18.6	18.9	19.1	19.3	19.8
12H	18.7	19.0	19.2	19.4	20.0	18.7	18.9	19.2	19.4	19.9
12H / 4H	18.3	18.7	18.7	19.1	19.5	18.3	18.7	18.7	19.1	19.5
6H	18.5	18.8	19.0	19.3	19.8	18.5	18.8	19.0	19.3	19.7
8H	18.6	18.9	19.1	19.3	19.9	18.6	18.8	19.1	19.3	19.8
Variatie op waarnemerpositie voor lampafstanden S										
S = 1.0H	+1.2 / -1.7					+1.1 / -1.6				
S = 1.5H	+2.3 / -2.1					+2.4 / -1.9				
S = 2.0H	+3.8 / -2.8					+3.9 / -2.9				
Standaardtabel	BK02					BK02				
Correctie-opteltal	0.6					0.6				

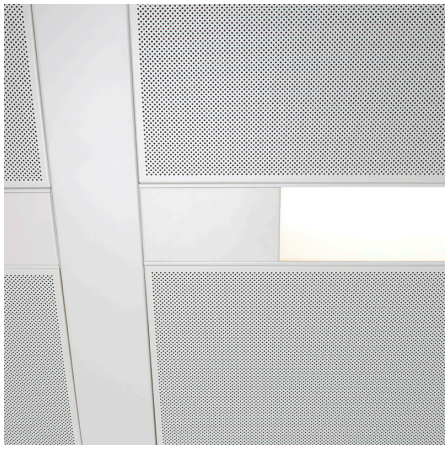
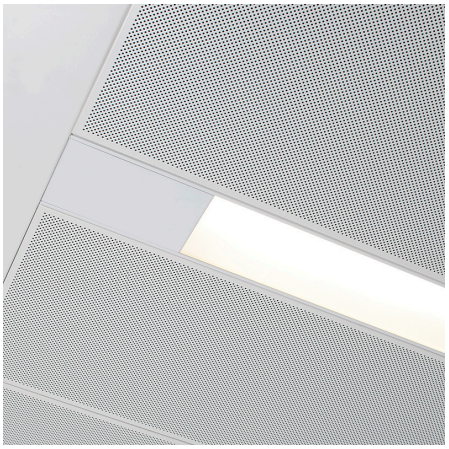
Gecorrigeerde verblindingsindicatie in relatie tot 3790lm Totale lichtstroom









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NOTES

ADDITIONAL INFORMATION

Driver position	Attached to the fixture, Loose driver
Width	92mm
CIE Flux code	
Energy Rating	
Product Glare (UGR)	
Hight	
Color temperature	Tunable White, 2700K
Lengte	1720mm
Voltage / frequency	
Expected lifespan	L90B50@60,000h (Tq 25°C)
Primary connections	GST18i3, GST18i5 pastelblauw, Kabel, On the driver
Color Rendering Index (CRI)	CRI80, CRI90
Material	Acrylic, Aluminum, Polycarbonate, Steel
Product Color	On request, RAL9010 mat, RAL9010 mat structuur, RAL9011 mat, RAL9011 mat structuur, RAL9016 mat, RAL9016 mat structuur
Lighting control	1-10V dimming, Casambi dimming, DALI dimming, Optional
Emergency lighting	1 hour emergency power, Optional, Optional 1 hour autonomy self-test
Application	Education, Hospitality, Office, Public spaces
Insulation Class	Class II
Self-adhesive dust cover	No
Spot bundle (FWHM)	
Luminaire efficacy	>140lm/W
Air extraction	Optional
Product family	Stratos
Kleurconsistentie (SDCM)	SDCM=3
IP Rating	IP20 (upwards)/IP40 (downwards)
Ambient temperature	-20°C / +40°C
Optics	Microprismatic lens, Opalen diffusor
Oriëntatie	Down
Power factor	>0.9

Shape	Rectangular
Product Confirmation	Recessed
Packaging dimensions	Bulk packaging
Photobiological safety	IEC 62471: RG1 (low risc)