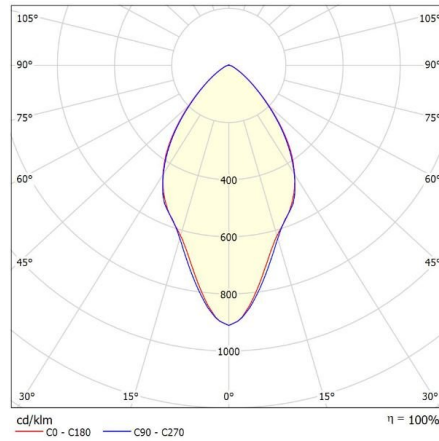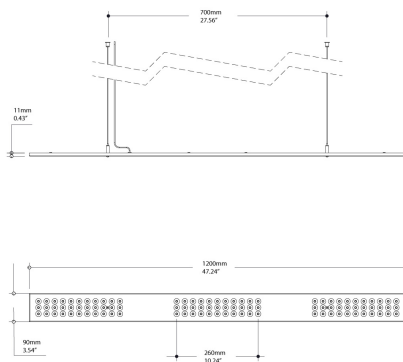# MYOS ESSENTIAL-S MULTIOPTIC®

Myos Essential-S Multioptic is an innovative pendant luminaire with mid power LED-modules using Multioptic® lens technology. The optical system contains of 3 modules of 33 power LEDs each behind a decorative aperture mask facing downwards for effective illumination of the working area.

- Elegant slim design of only 11mm height
- Excellent UGR <19 low-glare light task lighting according to EN-12.464/1 for use in offices
- Available in a decorative matt white or matt black textured coating

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	18.4	19.3	18.6	19.5	19.7	18.3	19.2	18.6	19.5	19.7
	3H	18.5	19.3	18.8	19.6	19.8	18.5	19.3	18.8	19.5	19.8
	4H	18.5	19.3	18.9	19.6	19.9	18.5	19.3	18.8	19.6	19.8
	6H	18.6	19.3	19.0	19.6	19.9	18.6	19.3	18.9	19.6	19.9
	8H	18.7	19.3	19.0	19.7	20.0	18.6	19.3	19.0	19.6	19.9
	12H	18.7	19.3	19.1	19.7	20.0	18.7	19.3	19.0	19.6	20.0
4H	2H	18.3	19.1	18.7	19.4	19.7	18.3	19.1	18.6	19.4	19.6
	3H	18.5	19.2	18.9	19.5	19.8	18.5	19.2	18.9	19.5	19.8
	4H	18.7	19.2	19.1	19.6	19.9	18.7	19.2	19.0	19.6	19.9
	6H	18.8	19.3	19.2	19.7	20.1	18.8	19.3	19.2	19.7	20.1
	8H	18.9	19.3	19.3	19.7	20.2	18.9	19.3	19.3	19.7	20.2
	12H	19.0	19.4	19.4	19.8	20.2	19.0	19.4	19.4	19.8	20.2
8H	4H	18.7	19.1	19.1	19.5	19.9	18.6	19.1	19.1	19.5	19.9
	6H	18.9	19.2	19.3	19.7	20.1	18.9	19.2	19.4	19.7	20.1
	8H	19.0	19.3	19.5	19.8	20.3	19.0	19.3	19.5	19.8	20.3
	12H	19.1	19.4	19.6	19.8	20.4	19.2	19.4	19.7	19.9	20.4
12H	4H	18.6	19.0	19.1	19.4	19.9	18.6	19.0	19.1	19.4	19.9
	6H	18.9	19.2	19.4	19.6	20.1	18.9	19.2	19.4	19.6	20.1
	8H	19.0	19.3	19.5	19.8	20.3	19.0	19.3	19.5	19.8	20.3

Variatie op waarnemerpositie voor lampafstanden 5

S = 1.0H	+1.0 / -1.7	+1.0 / -1.7
S = 1.5H	+2.4 / -2.9	+2.4 / -2.9
S = 2.0H	+4.1 / -3.6	+4.0 / -3.6
Standaardtabel	BK01	BK01
Correctie-opteltal	0.9	0.9

Gecorrigeerde verblindingsindicatie in relatie tot 2625lm Totale lichtstroom

NOTES

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ADDITIONAL INFORMATION

Appliance class	Class-II
Application	Education, Exposure, Hospitality, Municipality, Office, Retail
CIE Flux Code	76 94 99 99 100
Colour consistancy (SDCM)	SDCM = 3
Colour Rendering Index (CRI)	CRI80, CRI90
Colour temperature	3000K, 4000K
Designed	Philip Feenstra, 2013
Driver position	Separate driving position
Emergency lighting	Optional
Energy label	A++
Expected lifetime	L90B50@60.000h (Tq 25 ° C)
Glare (UGR)	<19
Gross weight	4.5KG
Height	11mm
IP-class	IP20 (top) / IP20 (bottom)
Luminaire efficacy	>125lm/W
Material	Steel, Plastic
Number of modules	3
Operational temperature	-20 ° C / + 40 ° C
Optic	Lens
Orientation	Down
Packaging dimensions	Bulk packaging
Power factor	>0.9
Primary connection	GST18i3, GST18i5 pastel blue, On the driver
Shape	Rectangular
Suspension height	3m
Voltage / frequency	220-240V, 50 / 60Hz
Width	90mm

Myos	Version to be determined, 3S 35W 5150lm 4000K CRI80 G7, 3S 16W 2300lm 3000K CRI80 G7, 3S 26W 3650lm 3000K CRI80 G7, 3S 23W 3250lm 3000K CRI80 G7, 3S 35W 4750lm 3000K CRI80 G7, 3S 26W 4000lm 4000K CRI80 G7, 3S 19W 3050lm 4000K CRI80 G7, 3S 23W 3500lm 4000K CRI80 G7, 3S 19W 2800lm 3000K CRI80 G7, 3S 30W 4100lm 3000K CRI80 G7, 3S 16W 2550lm 4000K CRI80 G7, 3S 30W 4450lm 4000K CRI80 G7
Product colour	Matt white, Matte Black
Way of mounting	Suspension
Length	1200mm, 1500mm
Lighting control	Optional
Photobiological safety	IEC 62471: RG1 (low risk)