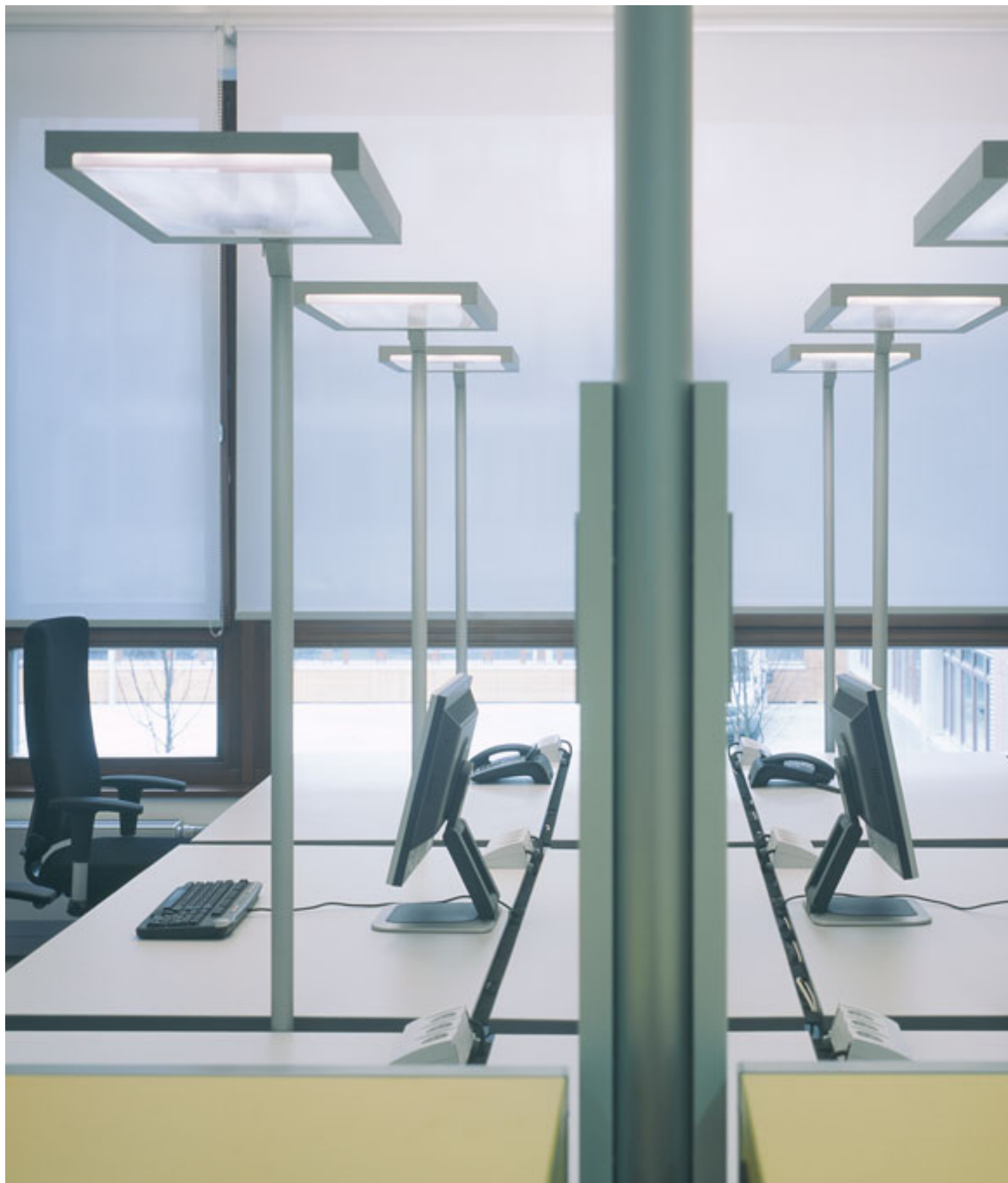


The background features several large, overlapping, light gray curved lines that sweep across the page, creating a sense of motion and depth. These lines are positioned in the upper left, middle, and lower right areas.

Chapter 1

Floorstanding Luminaires

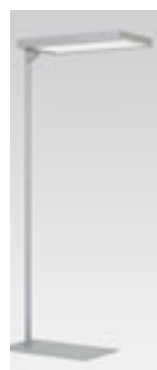
siteco





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Floorstanding Luminaires



Futurel® 5MS

Page 1.2





Futurel® 5MS

The Floorstanding Luminaires of the Futurel® 5MS family unite clear, striking forms with the patented ELDACon® light control system. This creates a homogenous distribution of light upon the working plane with a high, glare-free direct component. The balanced contrast creates a pleasant atmosphere and illumination that satisfies current standards for DSE workstations.

The luminaires of the Futurel® 5MS family adapt ideally both technically and optically to modern office environments with their quality of light and high quality design.



Electrics

Luminaires wired ready for connection, construction sets with electrical plug connection | with black connection cable (L = 2.5 m), with shockproof plug | with ECG (with ON/OFF switch on luminaire head) or with ECG dimming (with ON/OFF switch and ambience and presence detector) | further electrical equipment on request

Lighting Technology

ELDACon® technology: absolutely glare-free lighting control with highly precise microprismatic structures | ELDACon®, direct/indirect distribution, CAT(L ≤ 1000cd/m²)

- + Glare-free direct component with use of transparent ELDACon® microprismatic technology
- + Glare value UGR < 16
- + Timeless, purist design
- + Rotatable luminaire head
- + Two-step switching
- + Uniform design of luminaire family: as floorstanding luminaires, wall or suspended luminaires (Quadrature®)



Futurel® 5MS wall luminaire: see chapter 4

Housing Technology

Luminaire head housing of extruded aluminium with diecast aluminium support arm, metallic grey (RAL 9006) | ELDACon® of PMMA | end cap with translucent fringe, can be colour-accentuated | modular construction with mechanical and electrical plug technology | luminaire components packed separately: luminaire head / support column / baseplate



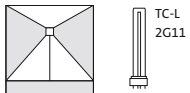
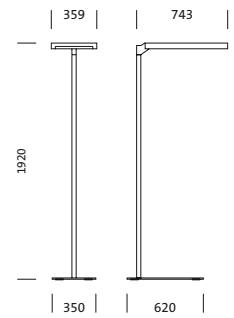
Futurel® 5MS | with ELDACON®

Futurel® 5MS floorstanding uplight | with ELDACON®, direct/indirect distribution, CAT(L≤ 1000cd/m²) | with ECG and two ON/OFF switches | extruded aluminium luminaire head with translucent plastic decor element, can be colour accentuated, diecast mounting bracket, metallic grey (RAL 9006)

Protection rating: IP20

Insulation class: I

(incl. colour foils for accenting: (orange | red | mocca | blue | green)



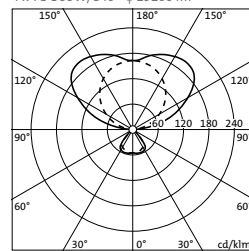
Lamps	Socket	Wt. (kg)	ECG Order No.
direct/indirect distribution			
3xTC-L 55W	2G11	26.0	5MS42673UL0
3xTC-L 80W	2G11	26.0	5MS42678VL0
4xTC-L 55W	2G11	26.0	5MS42674UL0
4xTC-L 80W	2G11	26.0	5MS42679VL0

- large luminaire head (3- or 4-lamp): Lx Bx H= 675 x 359 x 44mm
- luminaires in unassembled condition

5MS42674UL0

4 x TC-L 55W/840 φ 19200 lm

η_{lm} 81.3% φ_u 13% φ_o 87%

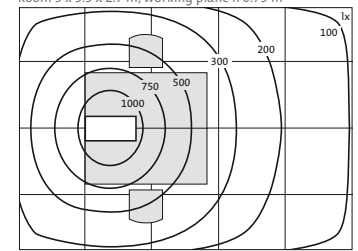


Luminance values (cd/sq. m)

	C 0/180	C 90/270
L ₈₀	589	599
L ₇₀	713	647
L ₆₅	672	918

Office with double workstation

Room 5 x 3.5 x 2.7 m, working plane h 0.75 m

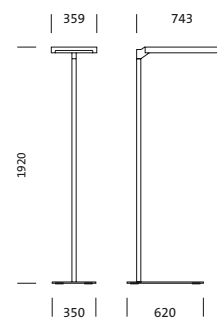


Reflection grade 80/50/30, maintenance factor 0.8
Em room 496 lx Em table 781 lx



Futurel® 5MS | with ELDAICON® | direct component separately switchable

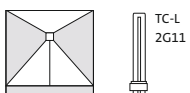
Futurel® 5MS floorstanding uplight | with ELDAICON®, direct/indirect distribution, CAT(Ls 1000cd/m²) | with ECG and two ON/OFF switches for separately switchable direct beam component | extruded aluminium luminaire head with translucent plastic decor element, can be colour accentuated, diecast mounting bracket, metallic grey (RAL 9006)



Protection rating: IP20

Insulation class: I

(incl. colour foils for accenting: (orange | red | mocca | blue | green)



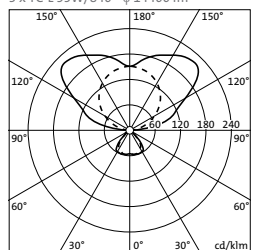
Lamps	Socket	Wt. (kg)	ECG Order No.
3xTC-L 55W	2G11	25.9	5MS42673US0

- large luminaire head (3-lamp): Lx Bx H= 675 x 359 x 44mm
- luminaires in unassembled condition

5MS42673US0

3 x TC-L 55W/840 φ 14400 lm

η_{lm} 85.1% φ_u 14% φ_o 86%



Luminaire values (cd/sq. m)

	C 0/180	C 90/270
L ₈₀	664	751
L ₇₀	900	719
L ₆₅	538	990



Futurel® 5MS | with ELDAICON® | with multi-sensor

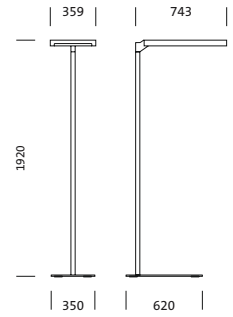
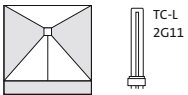
Futurel® 5MS floorstanding uplight | with ELDAICON®, direct/indirect distribution, CAT(L≤ 1000cd/m²) | ECG dimming, one ON/OFF switch, ambience and presence detector; extruded aluminium luminaire head with translucent plastic decor element, can be colour accentuated, diecast mounting bracket, metallic grey (RAL 9006)

Protection rating: IP20

Insulation class: I

(incl. colour foils for accenting: (orange | red | mocca | blue | green)

Ambience and presence sensor: Dim Multi 3, fixed



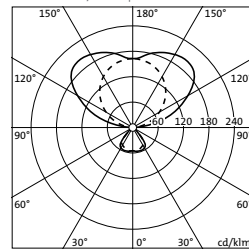
Lamps	Socket	Wt. (kg)	ECG(1..10V) Order No.
3xTC-L 55W	2G11	26.0	5MS42663UL0D
4xTC-L 55W	2G11	26.0	5MS42664UL0D

- large luminaire head (3-lamp or 4-lamp): Lx Bx H= 675 x 359 x 44mm
- luminaires in unassembled condition

5MS42664UL0D

4 x TC-L 55W/840 φ 19200 lm

ηus 81.3% φu 13% φo 87%

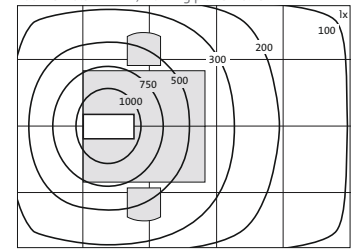


Luminance values (cd/sq. m)

	C 0/180	C 90/270
L80	589	599
L70	713	647
L65	672	918

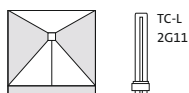
Office with double workstation

Room 5 x 3.5 x 2.7 m, working plane h 0.75 m



Reflection grade 80/50/30, maintenance factor 0.8
Em room 480 lx Em table 739 lx





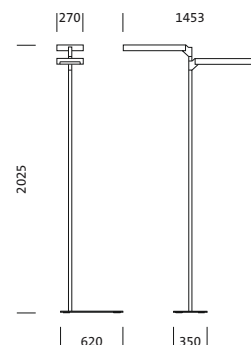
Futurel® 5MS | with ELDAICON® | with two luminaire heads

Futurel® 5MS floorstanding uplight with two luminaire heads | with ELDAICON®, direct/indirect distribution, CAT(L_s 1000cd/m²) | with ECG and one ON/OFF switch per luminaire head; extruded aluminium luminaire heads with translucent plastic decor elements, can be colour accentuated, diecast mounting brackets, metallic grey (RAL 9006)

Protection rating: IP20

Insulation class: I

(incl. colour foils for accenting: (orange | red | mocca | blue | green)



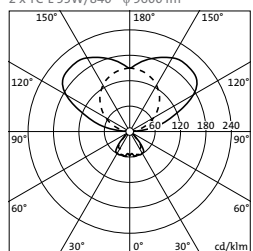
Lamps	Socket	Lamps 2	Socket 2	Wt. (kg)	ECG Order No.
direct/indirect distribution					
2xTC-L 55W	2G11	2xTC-L 55W	2G11	28.3	5MS42672UK0
2xTC-L 80W	2G11	2xTC-L 80W	2G11	28.3	5MS42677VK0

- small luminaire head (2-lamp): Lx Bx H= 675 x 270 x 44mm
- luminaires in unassembled condition

5MS42672UK0

2 x TC-L 55W/840 φ 9600 lm

η_{lm} 83.8% φ_u 14% φ_o 86%

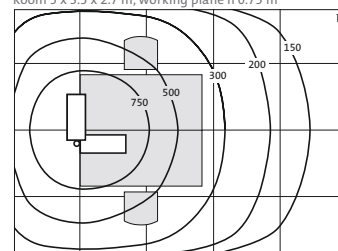


Luminance values (cd/sq. m)

	C 0/180	C 90/270
L ₈₀	560	606
L ₇₀	758	643
L ₆₅	448	981

Office with double workstation

Room 5 x 3.5 x 2.7 m, working plane h 0.75 m



Reflection grade 80/50/30, maintenance factor 0.8
Em room 471 lx Em table 661 lx



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