

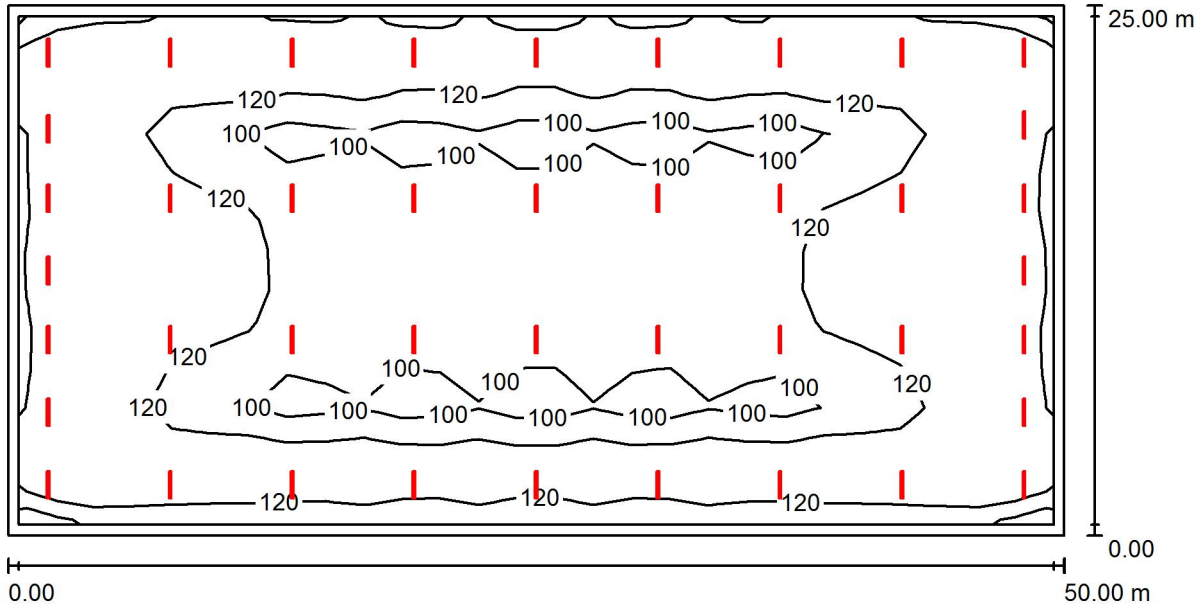
X-RANGE

Cow pens 120lx - Duroxo B
Cow pens 40lx - Duroxo XB

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Cow pens 6m 120lx (B) / Summary



Height of Room: 6.000 m, Maintenance factor: 0.80

Values in Lux, Scale 1:358

| Surface | ρ [%] | E_{av} [lx] | E_{min} [lx] | E_{max} [lx] | u_0 |
|-----------|------------|---------------|----------------|----------------|-------|
| Nutzebene | / | 122 | 84 | 175 | 0.687 |
| Boden | 10 | 119 | 41 | 172 | 0.347 |
| Walls (4) | 10 | 90 | 22 | 269 | / |

Nutzebene:

Height: 0.100 m
 Grid: 27 x 13 Points
 Boundary Zone: 0.500 m

Luminaire Parts List

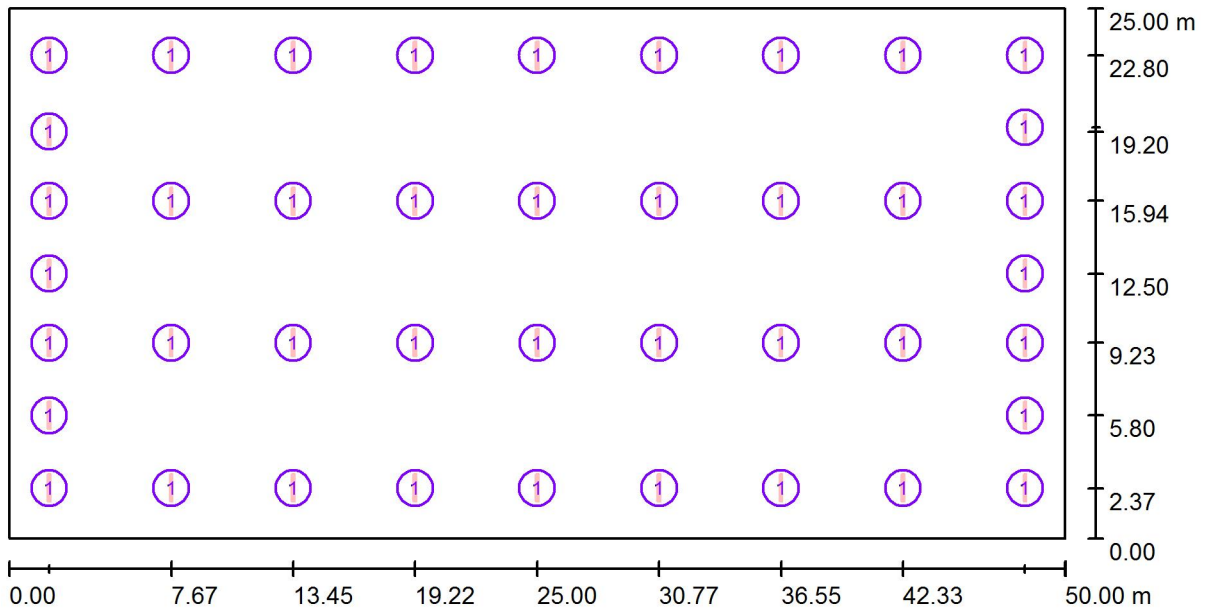
| No. | Pieces | Designation (Correction Factor) | Φ (Luminaire) [lm] | Φ (Lamps) [lm] | P [W] |
|--------|--------|--|-------------------------|---------------------|--------|
| 1 | 42 | TRILUX Duroxo B LED5500-840 ETDD (1.000) | 5500 | 5500 | 38.0 |
| Total: | | | 231003 | Total: 231000 | 1596.0 |

Specific connected load: $1.28 \text{ W/m}^2 = 1.04 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 1250.00 m^2)

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Cow pens 6m 120lx (B) / Luminaires (layout plan)



Scale 1 : 358

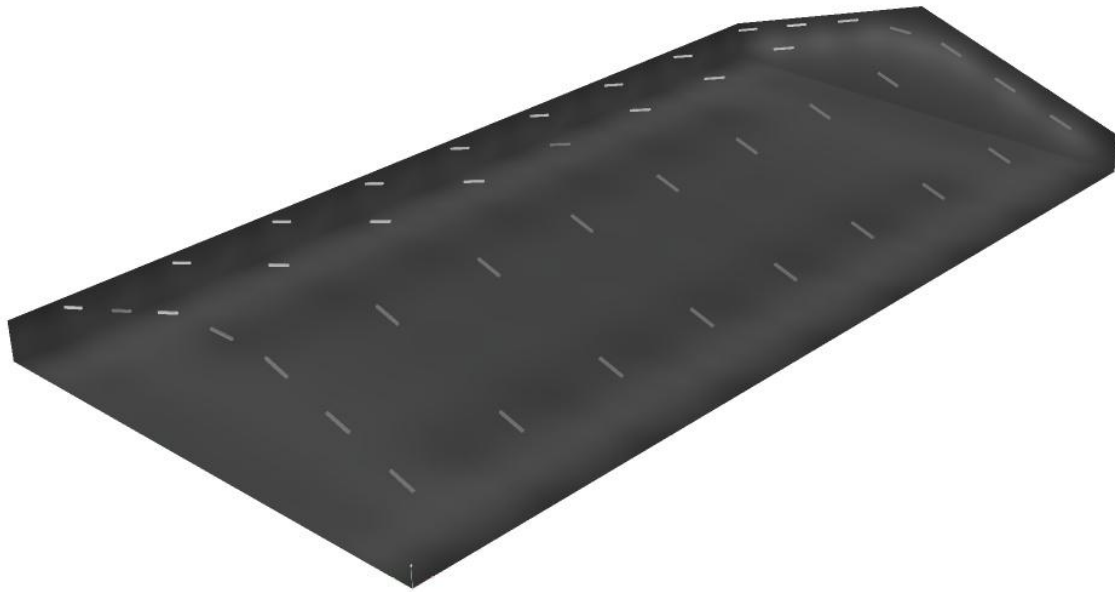
Luminaire Parts List

| No. | Pieces | Designation |
|-----|--------|----------------------------------|
| 1 | 42 | TRILUX Duroxo B LED5500-840 ETDD |

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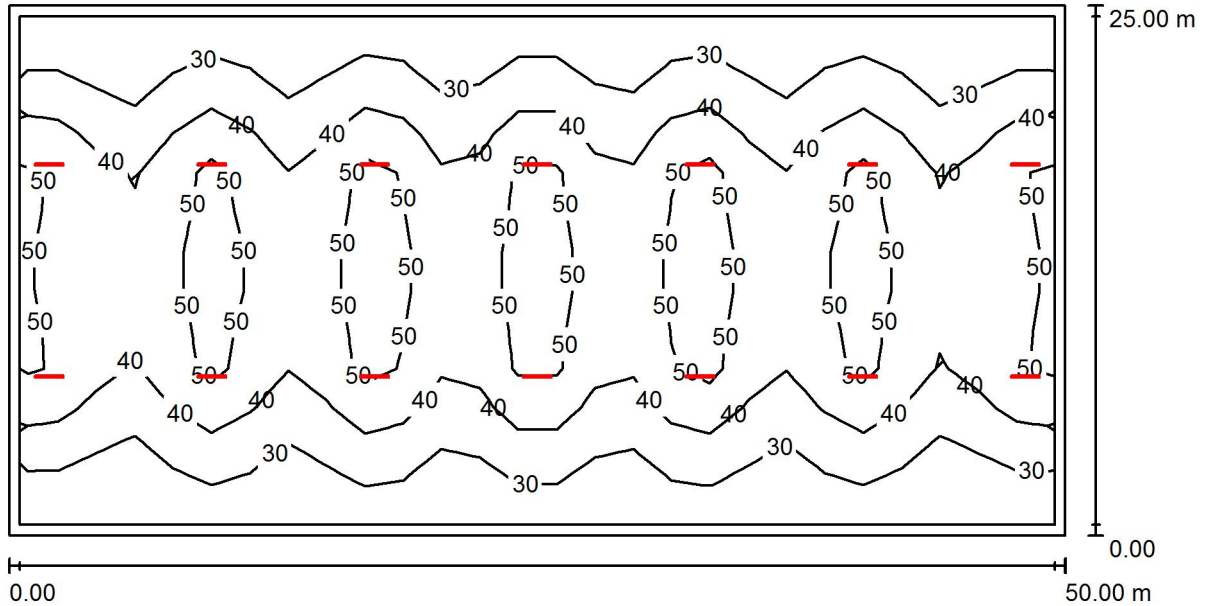
Cow pens 6m 120lx (B) / 3D Rendering



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Cow pens 6m 40lx (XB) / Summary



Height of Room: 6.000 m, Mounting Height: 4.400 m, Maintenance factor: 0.80

Values in Lux, Scale 1:358

| Surface | ρ [%] | E_{av} [lx] | E_{min} [lx] | E_{max} [lx] | u_0 |
|-----------|------------|---------------|----------------|----------------|-------|
| Nutzebene | / | 40 | 23 | 56 | 0.578 |
| Boden | 10 | 38 | 16 | 57 | 0.429 |
| Walls (4) | 10 | 32 | 4.71 | 78 | / |

Nutzebene:

Height: 0.100 m
 Grid: 27 x 13 Points
 Boundary Zone: 0.500 m

Luminaire Parts List

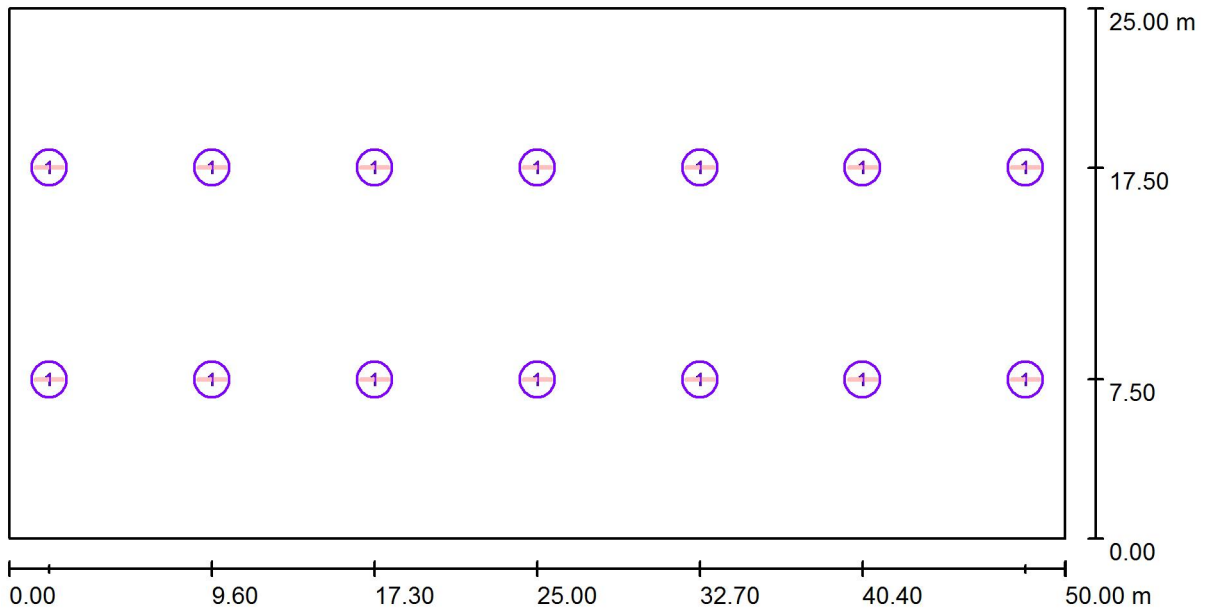
| No. | Pieces | Designation (Correction Factor) | Φ (Luminaire) [lm] | Φ (Lamps) [lm] | P [W] |
|--------|--------|---|-------------------------|---------------------|-------|
| 1 | 14 | TRILUX Duroxo XB LED5500-840 ET (1.000) | 5498 | 5500 | 42.0 |
| Total: | | | 76979 | 77000 | 588.0 |

Specific connected load: $0.47 \text{ W/m}^2 = 1.19 \text{ W/m}^2/100 \text{ lx}$ (Ground area: 1250.00 m^2)

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Cow pens 6m 40lx (XB) / Luminaires (layout plan)



Scale 1 : 358

Luminaire Parts List

| No. | Pieces | Designation |
|-----|--------|---------------------------------|
| 1 | 14 | TRILUX Duroxo XB LED5500-840 ET |

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Cow pens 6m 40lx (XB) / 3D Rendering

