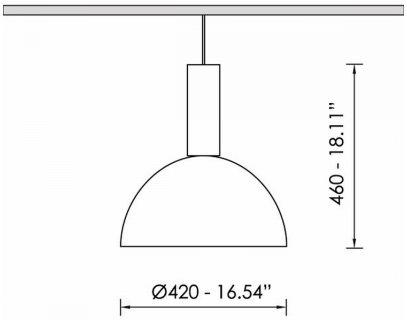
# SILVA 12 P



## Technical drawings




## Product Details

CE LM80 LM79 TM21 REACH Source Type COB LED

### General Information

| | |
|---|---|
| Housing | Aluminium |
| Product code | HB0089CL002ON |
| Product family | SILVA |
| Control Gear | Built-in ECG |
| Options for Dimming Control | On-Off |
| Height | 460 mm |

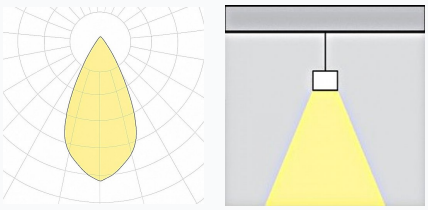
### Electrical data

| | |
|---|---|
| Consumption | 31,1 W |
| Performance | 97.81 lm/W |
| Ripple | 3 |
| Power Factor | 0.96 |
| Nominal Voltage | 230 V |

### Luminaire Output

| | |
|---|---|
| Beam Type | W |
| Beam | 60º |
| Luminous Flux | 3042 lm |
| CRI CCT | 930 |
| Glare Indicator Ugr Longwise Optics | 20 |
| Glare Indicator Ugr Parallel Optics | 19 |

### Light distribution



### Safety characteristics

| | |
|---|---|
| IK | 04 |
| IP | 20 |
| Protection Class | Class I |

### Temperature Operating Conditions

| | |
|---|---|
| Lifetime | >60.000h L80B10@35°C |
| Operating Ambient Temperature | -10...+45°C |
| Operating Humidity Level | 5...95% |