

# BETO sensor direct / indirect

free standing U-shape

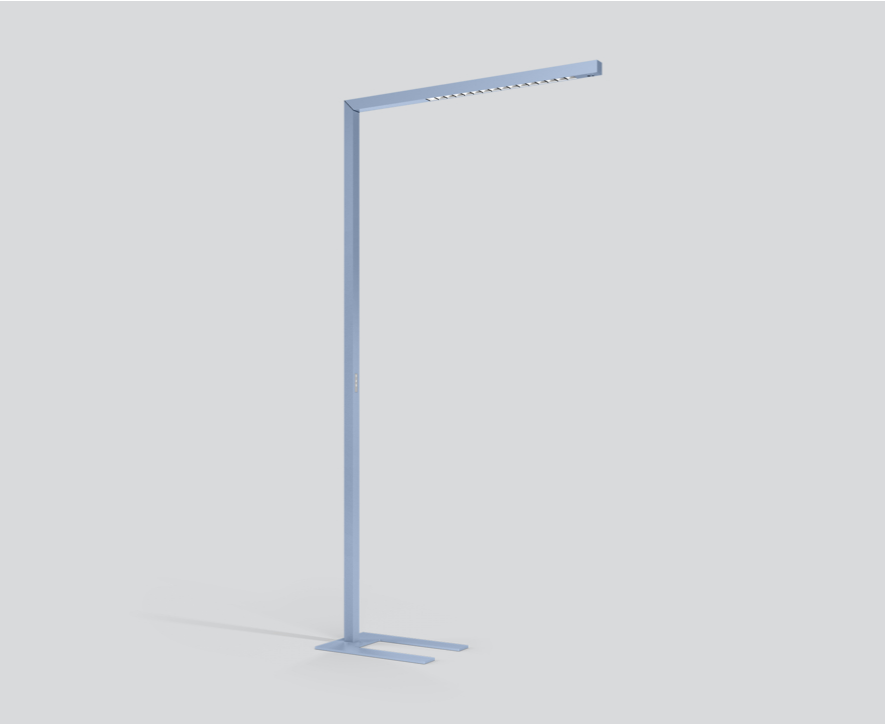
074-694467XR



Project / Type

Notes

Count / Date



## General

Floor , Standing  
special colours  
Reflector chrome  
IP20  
indirect 5710 lm  
direct 2030 lm  
total 7740 lm

## LED

4000 K  
CRI  $\geq 80$   
L90 / 50000 h  
initial MacAdam  $\leq 3$  SDCM  
MR 0.72  
MDER 0.65

## Optical

Reflector  
asymmetric  
UGR  $\leq 13$   
PstLM  $\leq 1.0$ <sup>1</sup>  
SVM  $\leq 0.4$ <sup>1</sup>

## Electrical

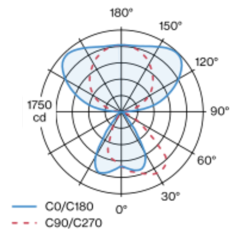
stand alone ESSENTIAL sensor  
brightness & presence  
220-240 V  
system 51 W  
system 152 lm/W<sup>2</sup>  
PC1

## Physical

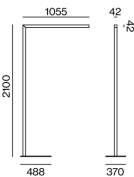
U-shape  
length 1055 mm  
width 42 mm  
height 2100 mm

<sup>1</sup> Value of containing product at full load (undimmed)  
<sup>2</sup> incl. consideration of optical losses, internal control unit losses  
& operating device efficiency

## Light distribution



## Product drawing



## Installation instructions



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## Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.92	0.9
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF <sup>a</sup>	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF <sup>a</sup>	Luminaire Maintenance Factor	LSF	Lamp Survival Factor

<sup>a</sup> According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

## Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	13
B13	17
B16	21
B20	26
C10	21
C13	28
C16	35
C20	43

