

Lighting module 1120 mm / 1200 mm Cover



Wattage
20W

AC
220-240

PF
>0.9

MacAdam
3

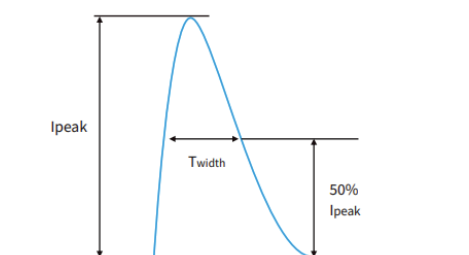
TA°
-25°/+25°

Model:	Ligthing module 1120 mm
Montering:	Integreret i profil
Materiale:	Aluminium
IP:	20
Ra/Kelvin:	Ra90 / 4000K / 3000K
Styring:	Dali 2
IEC62717 (L80B10):	100.000h ved ta 25 grader
Lumen:	2789lm / 2705lm

LED:	2xBXEB
LED driver:	BK-DAL030-B800Ad
Levetid:	100.000h ved ta 25
Startstrøm:	3.55 A / 188 µs
Lækstrøm:	<0.61 mA
Stand-by power:	<0.5W
Flicker-free:	Pst LM: 0.009 SVM: 0.003
Power factor:	>0.90
Wattage:	20W

Surge

Model	Ipeak	Twidth	Condition	Relative number of MCB/pcs														
				B10	B13	B16	B20	B25	C10	C13	C16	C20	C25	D10	D13	D16	D20	D25
BK-DAL030-B0800Ad	3.55A	188us	AC 230V,Full load, Cold start,Ta≤30°C, MCB is not installed side by side	44	57	70	88	110	44	57	70	88	110	44	57	70	88	110
BK-DAL040-B1050Ad	3.75A	190us		33	43	53	66	83	33	43	53	67	83	33	43	53	67	83
BK-DAL050-B1300Ad	4.125A	174us		27	36	44	55	69	27	36	44	55	69	27	36	44	55	69
BK-DAL060-B1650Ad	5.125A	214us		22	28	35	43	54	22	28	35	43	54	22	28	35	43	54
BK-DAL080-B2000Ad	7A	194us		17	22	27	34	43	17	22	27	34	43	17	22	27	34	43



Remarks

- The number of drives mounted under different MCBs in the table is the maximum value. Please do not exceed this number during installation.
- Calculation uses typical values from ABB series S200 as a reference.
- Different brands and models of miniature circuit breakers, the number of drives mounted will be slightly different.
- If the ambient temperature of the MCB installation exceeds 30°C or multiple MCBs are installed side by side, the number of drives mounted will be reduced and the calculation needs to be recalculated.
- Electrician's usually consider Type B for household lighting and Type C for commercial lighting application.

Glare evaluation according to UGR											
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles					Viewing direction parallel				
2H	2H	17.2	18.3	17.5	18.5	18.8	17.2	18.3	17.5	18.5	18.8
2H	3H	18.0	19.0	18.4	19.3	19.6	18.0	19.0	18.4	19.3	19.6
2H	4H	18.3	19.2	18.7	19.6	19.9	18.3	19.2	18.7	19.6	19.9
2H	6H	18.6	19.4	18.9	19.7	20.1	18.6	19.4	18.9	19.7	20.1
2H	8H	18.6	19.4	19.0	19.8	20.1	18.6	19.4	19.0	19.8	20.1
2H	12H	18.7	19.4	19.1	19.8	20.1	18.7	19.4	19.1	19.8	20.1
4H	2H	17.6	18.5	17.9	18.8	19.1	17.6	18.5	17.9	18.8	19.1
4H	3H	18.6	19.3	19.0	19.7	20.0	18.6	19.3	19.0	19.7	20.0
4H	4H	19.0	19.7	19.4	20.0	20.4	19.0	19.7	19.4	20.0	20.4
4H	6H	19.3	19.9	19.8	20.3	20.7	19.3	19.9	19.8	20.3	20.7
4H	8H	19.4	20.0	19.9	20.4	20.8	19.4	20.0	19.9	20.4	20.8
4H	12H	19.5	20.0	20.0	20.4	20.9	19.5	20.0	20.0	20.4	20.9
8H	4H	19.2	19.7	19.6	20.1	20.6	19.2	19.7	19.6	20.1	20.6
8H	6H	19.6	20.0	20.1	20.5	20.9	19.6	20.0	20.1	20.5	20.9
8H	8H	19.7	20.1	20.2	20.6	21.1	19.7	20.1	20.2	20.6	21.1
8H	12H	19.9	20.2	20.4	20.7	21.2	19.9	20.2	20.4	20.7	21.2
12H	4H	19.1	19.6	19.6	20.1	20.5	19.1	19.6	19.6	20.1	20.5
12H	6H	19.6	20.0	20.1	20.4	21.0	19.6	20.0	20.1	20.4	21.0
12H	8H	19.8	20.1	20.3	20.6	21.1	19.8	20.1	20.3	20.6	21.1
Variation of the observer position for the luminaire distance S											
S = 1.0H S = 1.5H S = 2.0H		+0.3 / -0.5 +0.6 / -1.0 +1.4 / -1.4					+0.3 / -0.5 +0.6 / -1.0 +1.4 / -1.4				
Standard table		BK04					BK04				
Correction summand		2.3					2.3				
Corrected glare indices referring to 2789 lm total luminous flux											

