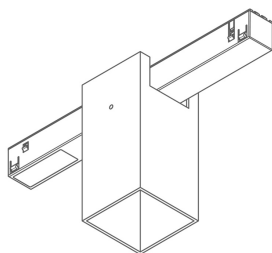


FOCUS

FOCUS LM lighting module



9.F.1001



DESCRIPTION

FOCUS LM lighting module

FIXTURE

Housing Finish BL black anodised

Visor + Base Finish BL black anodised

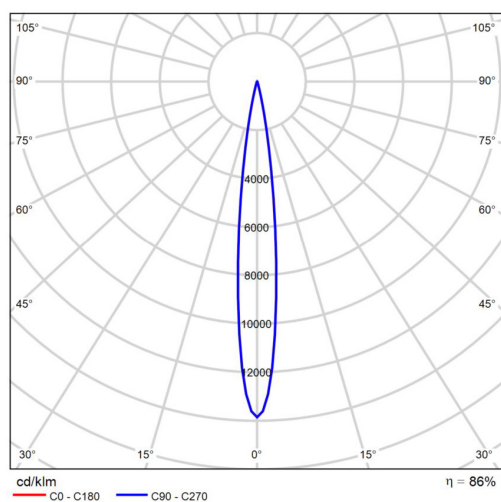
IP Rating IP20

ELECTRICAL FEATURES

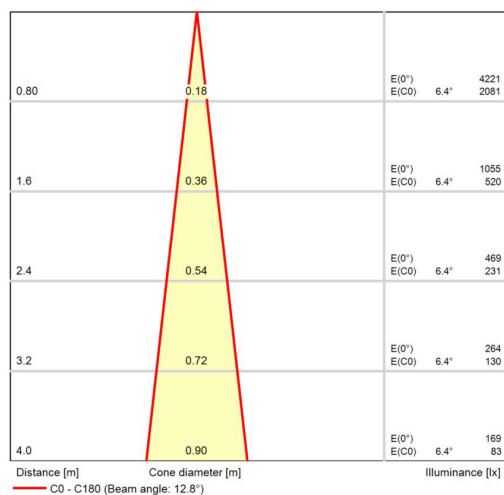
Power D DALI (driver included, **DT6** for single colors, **DT8** for TW-tunable white)

Current V4 constant voltage 48v

POLAR LDC



CONE DIAGRAM



LIGHT SOURCE

LED Quantity 1

Lamp Power 2.1 W

Lamp Flux (700 mA) 195 lm

Lamp Flux (1000 mA) 266 lm

Luminaire Flux 167 lm

Efficiency %85,81

Luminous Efficacy 79,3 lm/W

LED Temperature
7A 2700°K
3A 3000°K
8A 4000°K

CRI 97

R09 94

UGR ≤ 10

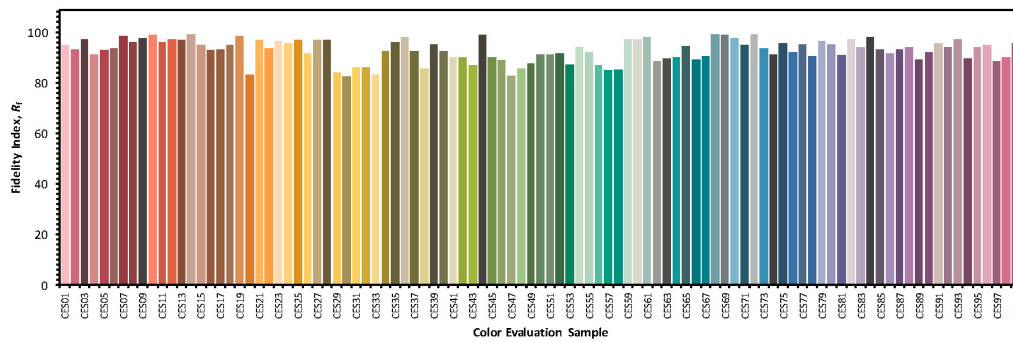
OPTICS

Beam Angle
1 15°
6 zoom option (10° to 35°)

UGR VALUES

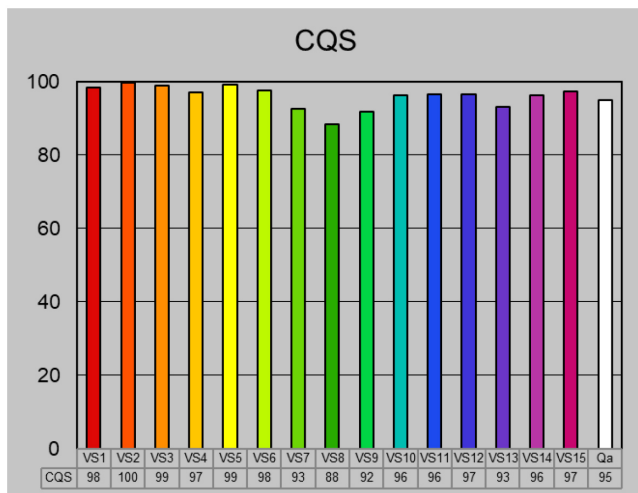
Glare evaluation according to UGR											
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	-9.8	-9.1	-9.6	-8.9	-8.7	-9.8	-9.1	-9.6	-8.9	-8.7
	3H	-10.0	-9.3	-9.7	-9.1	-8.8	-10.0	-9.3	-9.7	-9.1	-8.8
	4H	-10.1	-9.4	-9.8	-9.2	-8.9	-10.1	-9.4	-9.8	-9.2	-8.9
	6H	-10.1	-9.5	-9.8	-9.3	-9.0	-10.1	-9.5	-9.8	-9.3	-9.0
	8H	-10.2	-9.6	-9.8	-9.3	-9.0	-10.2	-9.6	-9.8	-9.3	-9.0
	12H	-10.2	-9.7	-9.9	-9.4	-9.1	-10.2	-9.7	-9.9	-9.4	-9.1
4H	2H	-10.1	-9.4	-9.8	-9.2	-8.9	-10.1	-9.4	-9.8	-9.2	-8.9
	3H	-10.2	-9.7	-9.9	-9.4	-9.0	-10.2	-9.7	-9.9	-9.4	-9.0
	4H	-10.3	-9.8	-9.9	-9.5	-9.1	-10.3	-9.8	-9.9	-9.5	-9.1
	6H	-10.4	-10.0	-10.0	-9.6	-9.2	-10.4	-10.0	-10.0	-9.6	-9.2
	8H	-10.4	-10.0	-10.0	-9.6	-9.2	-10.4	-10.0	-10.0	-9.6	-9.2
	12H	-10.5	-10.1	-10.0	-9.7	-9.3	-10.5	-10.1	-10.0	-9.7	-9.3
8H	4H	-10.4	-10.0	-10.0	-9.6	-9.2	-10.4	-10.0	-10.0	-9.6	-9.2
	6H	-10.5	-10.2	-10.1	-9.8	-9.3	-10.5	-10.2	-10.1	-9.8	-9.3
	8H	-10.6	-10.3	-10.1	-9.8	-9.4	-10.6	-10.3	-10.1	-9.8	-9.4
	12H	-10.6	-10.4	-10.1	-9.9	-9.4	-10.6	-10.4	-10.1	-9.9	-9.4
12H	4H	-10.5	-10.1	-10.0	-9.7	-9.3	-10.5	-10.1	-10.0	-9.7	-9.3
	6H	-10.6	-10.3	-10.1	-9.8	-9.4	-10.6	-10.3	-10.1	-9.8	-9.4
	8H	-10.6	-10.4	-10.1	-9.9	-9.4	-10.6	-10.4	-10.1	-9.9	-9.4
Variation of the observer position for the luminaire distances S											
S = 1.0H		+7.1 / -80.7					+7.1 / -80.7				
S = 1.5H		+10.0 / -77.8					+10.0 / -77.8				
S = 2.0H		+12.0 / -75.8					+12.0 / -75.8				
Standard table		BK00					BK00				
Correction summand		-29.0					-29.0				
Corrected glare indices referring to 195lm Total luminous flux											

COLOR FIDELITY BY SAMPLE



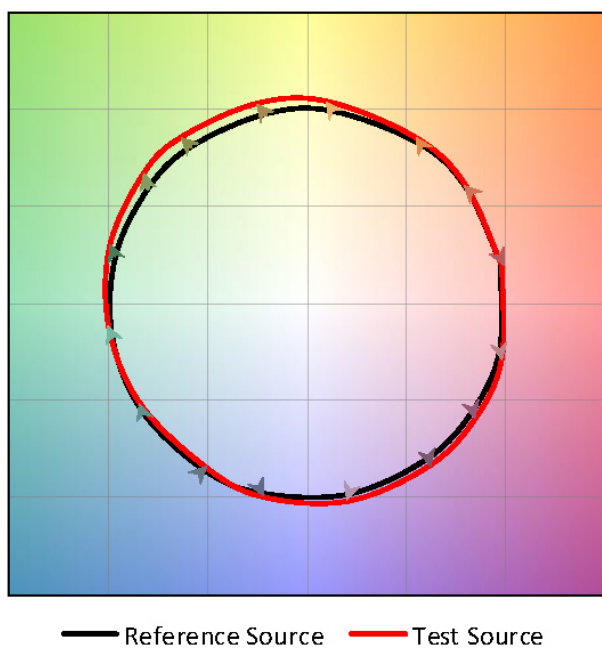
u'	0,2628
v'	0,5254
x	0,4574
y	0,4134
Δuv	-0,0014
R9	94

CQS

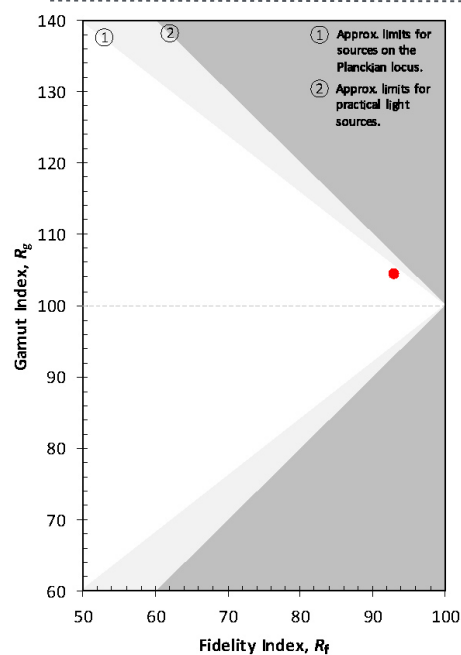


Fi	93
Rg@2700K	105
Rf@2700K	93
CQS	97,9

COLOR VECTOR GRAPHIC



FIDELITY INDEX



PRODUCT CODES FOR ORDER INFORMATION

				model	beam angle	housing finish	visor/base finish	LED temperature	power	current
				100 FOCUS LM lighting module	1 15° beam 6 zoom option (10° to 35°)	BL black anodised	—	7A 2700°K 3A 3000°K 8A 4000°K E tunable white 2200°K to 3500°K E+6 tunable white 2200°K to 3500°K, with zoom function.	D DALI (driver included)	V4 constant voltage 48v
9	.	F	.			.				

*Black54 reserves the right of discontinuing or replacing products inside this database



7.F.3010

Surface mounted track 1m.



7.F.3020

Surface mounted track 2m.



7.F.0130.BL

mechanical coupler (2 pieces)



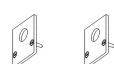
7.F.0140.BL

hanging set for track (2 pieces)



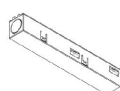
7.F.0141.BL

hanging set with mechanical coupler



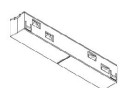
7.F.3100.BL

end caps (2 p)



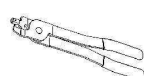
7.T.0110.BL

FOCUS electrical feeder



7.T.0120.BL

FOCUS electrical coupler



7.T.9900.BL

cutting tool for electrical conductors