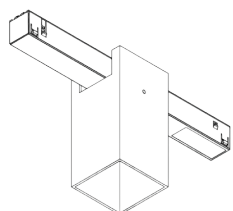


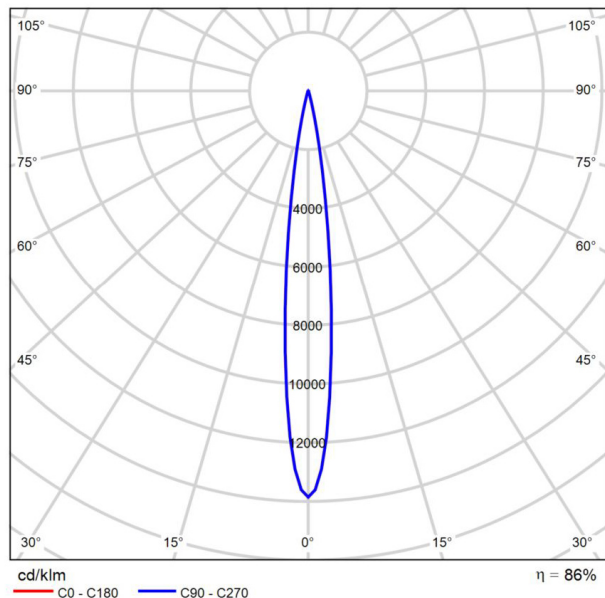
FOCUS

FOCUS LM lighting module

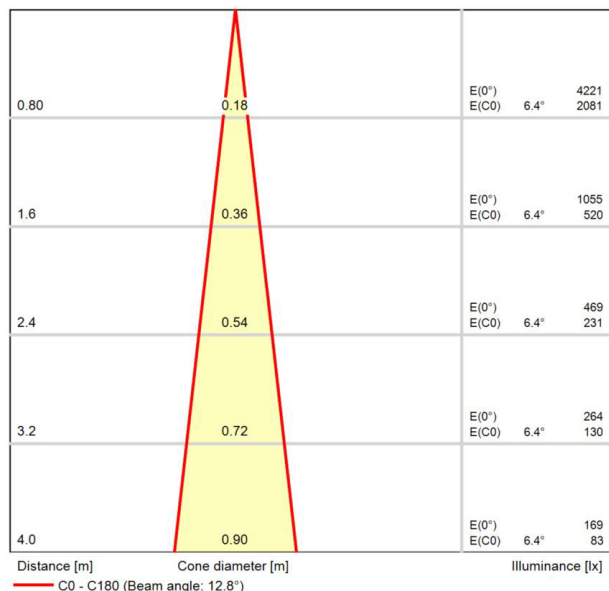


9F.1001
9F.1001.E6.BL

POLAR LDC



CONE DIAGRAM



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

LIGHT SOURCE (data at 3000°K)

LED Quantity 1

Power (700 mA) 2,10 W

Power (1000 mA) 3,18 W

Source Flux (700 mA) 212 lm

Source Flux (1000 mA) 288 lm

Luminaire Flux (700 mA) 171,46 lm

Luminaire Flux (1000 mA) 233,05 lm

Source Efficacy (700 mA) 101,07 lm/W

Source Efficacy (1000 mA) 90,65 lm/W

Luminaire Efficacy (700 mA) 81,74 lm/W

Luminaire Efficacy (1000 mA) 73,35 lm/W

Optical Efficiency (700 mA) %80,88

Optical Efficiency (1000 mA) %80,92

CRI 97

R09 94

UGR < 10

OPTICS

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

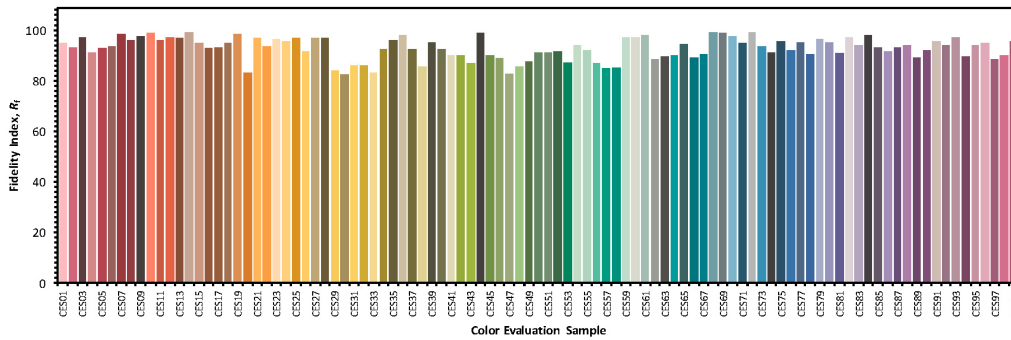
*Black54 reserves the right of discontinuing or replacing products inside this database

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											

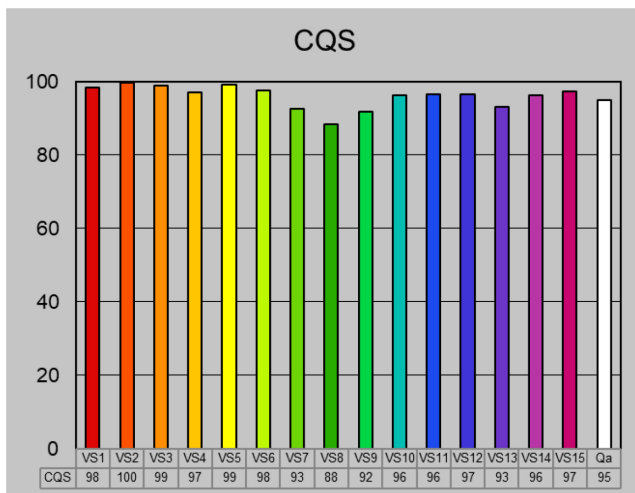
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COLOR FIDELITY BY SAMPLE



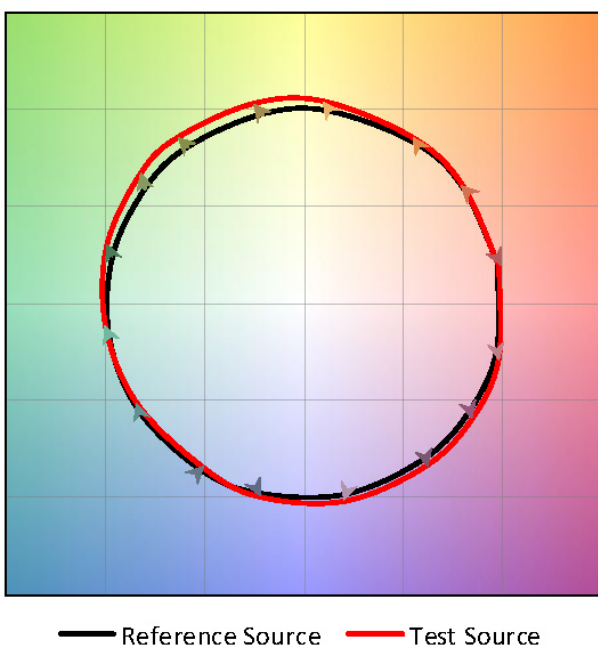
u'	0,2628
v'	0,5254
x	0,4574
y	0,4134
Δuv	-0,0014
R9	94

CQS

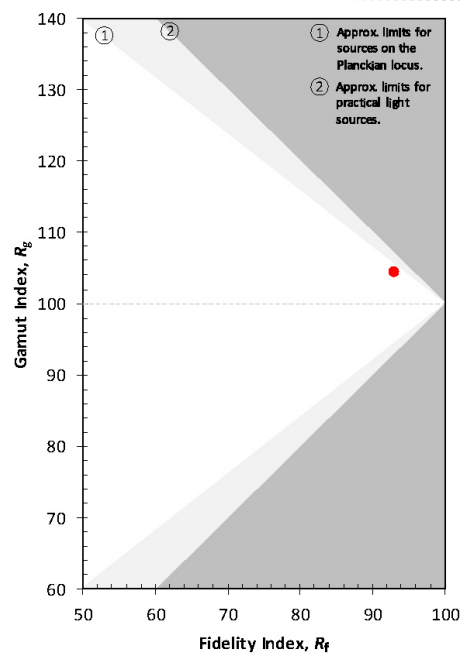


Rg@3000K	105
Rf@3000K	93

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	.	.				

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7.F.3010

Surface mounted track 1m.



7.F.3020

Surface mounted track 2m.



7.F.0130.BL

mechanical coupler (2 pieces)



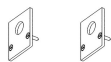
7.F.0140.BL

hanging set for track (2 pieces)



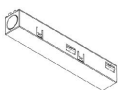
7.F.0141.BL

hanging set with mechanical coupler



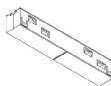
7.F.3100.BL

end caps (2 p)



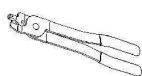
7.T.0110.BL

FOCUS electrical feeder



7.T.0120.BL

FOCUS electrical coupler



7.T.9900.BL

cutting tool for electrical conductors