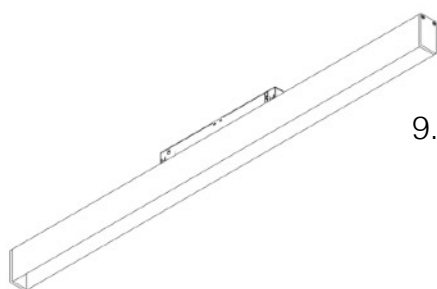


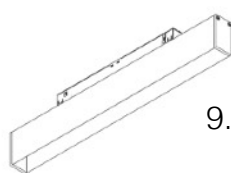


IN-SET

LINES N recessed

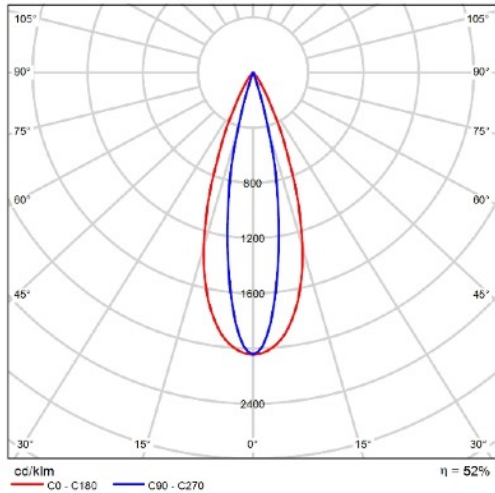


9.T.4061

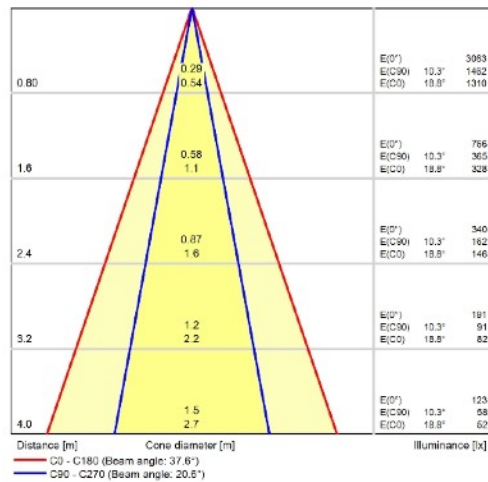


9.T.4031

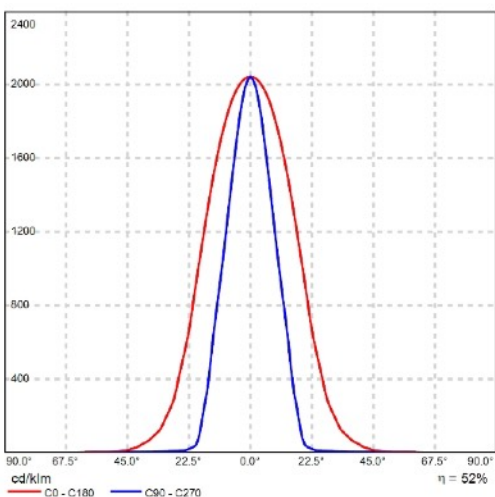
POLAR LDC



CONE DIAGRAM



LINEAR LDC



DESCRIPTION

IN-SET LINES N recessed strip with 59cm and 29cm options.

FIXTURE

housing finish BL black anodised

visor + base finish BL black anodised

IP rating IP20

ELECTRICAL FEATURES

9.T.4031 9.T.4061

Power D DALI (DT6 driver included)

Current V4 constant voltage 48v V4 constant voltage 48v

LIGHT SOURCE (data at 2700°K)

LED Quantity 1 1

Lamp Power (700 mA) 7,7 W 15,4 W

Lamp Power (1000 mA) 11 W 22 W

Lamp Flux (700 mA) 671 lm 1344 lm

Lamp Flux (1000 mA) 960 lm 1920 lm

Luminaire Flux (700 mA) 349 lm 697 lm

Luminaire Flux (1000 mA) 498 lm 996 lm

Efficiency %51,89 %51,89

Luminous Efficacy 45,3 lm/W 45,3 lm/W

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

CRI 97

R09 98

UGR < 13

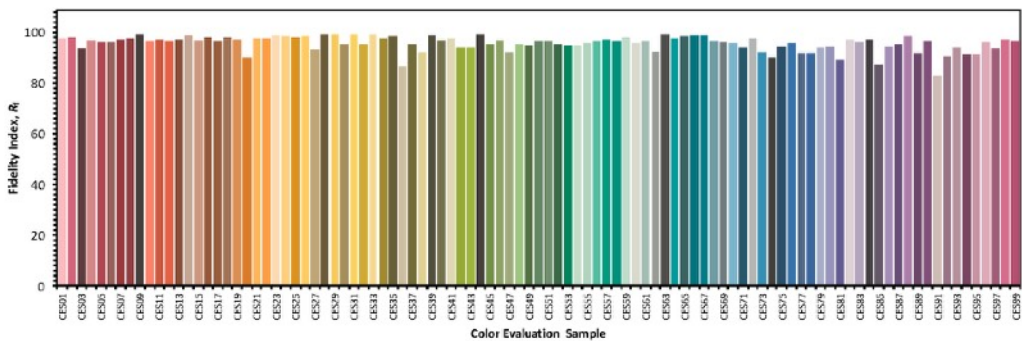
OPTICS

Beam Angle 1 15 degree

UGR VALUES

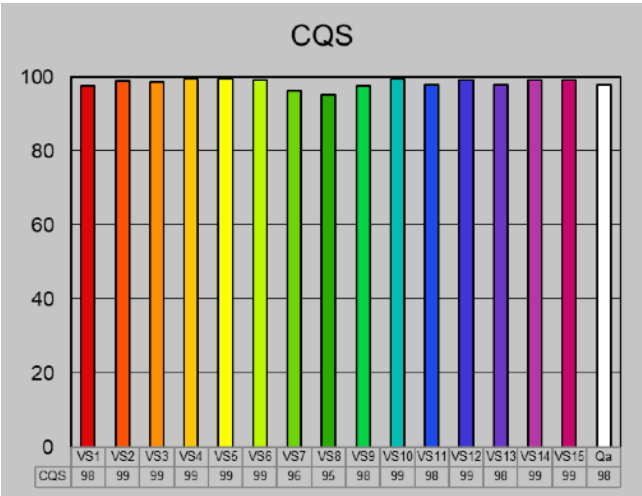
Glare evaluation according to UGR											
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	10.9	11.6	11.1	11.8	12.0	-1.9	-1.1	-1.6	-0.9	-0.7
	3H	10.7	11.4	11.0	11.6	11.9	-2.0	-1.3	-1.7	-1.1	-0.9
	4H	10.7	11.3	11.0	11.6	11.8	-2.1	-1.4	-1.8	-1.2	-0.9
	6H	10.6	11.2	10.9	11.5	11.7	-2.2	-1.6	-1.8	-1.3	-1.0
	8H	10.5	11.1	10.9	11.4	11.7	-2.2	-1.6	-1.9	-1.3	-1.0
	12H	10.5	11.1	10.8	11.4	11.7	-2.2	-1.7	-1.9	-1.4	-1.1
4H	2H	10.7	11.3	11.0	11.6	11.8	-2.1	-1.4	-1.8	-1.2	-0.9
	3H	10.5	11.1	10.8	11.4	11.7	-2.2	-1.7	-1.9	-1.4	-1.1
	4H	10.4	10.9	10.8	11.2	11.6	-2.3	-1.8	-1.9	-1.5	-1.1
	6H	10.3	10.8	10.7	11.1	11.5	-2.4	-2.0	-2.0	-1.6	-1.2
	8H	10.3	10.7	10.7	11.1	11.5	-2.5	-2.1	-2.0	-1.7	-1.3
	12H	10.2	10.6	10.7	11.0	11.4	-2.5	-2.1	-2.1	-1.7	-1.3
8H	4H	10.3	10.7	10.7	11.1	11.5	-2.5	-2.1	-2.0	-1.7	-1.3
	6H	10.2	10.5	10.7	10.9	11.4	-2.5	-2.2	-2.1	-1.8	-1.4
	8H	10.2	10.4	10.6	10.9	11.3	-2.6	-2.3	-2.1	-1.9	-1.4
	12H	10.1	10.3	10.6	10.8	11.3	-2.6	-2.4	-2.1	-1.9	-1.4
12H	4H	10.2	10.6	10.7	11.0	11.4	-2.5	-2.1	-2.1	-1.7	-1.3
	6H	10.2	10.4	10.6	10.9	11.3	-2.6	-2.3	-2.1	-1.9	-1.4
	8H	10.1	10.3	10.6	10.8	11.3	-2.6	-2.4	-2.1	-1.9	-1.4
Variation of the observer position for the luminaire distances S											
S = 1.0H		+6.6 / -16.2					+3.2 / -5.1				
S = 1.5H		+9.4 / -91.0					+5.9 / -78.2				
S = 2.0H		+11.4 / -89.0					+7.9 / -76.2				
Standard table		BK00					BK00				
Correction summand		-9.2					-22.0				
Corrected glare indices referring to 1344lm Total luminous flux											

COLOR FIDELITY BY SAMPLE



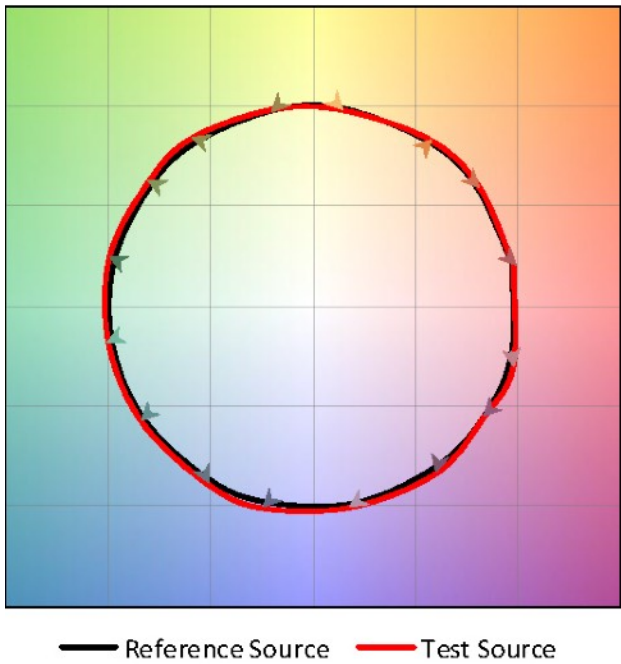
u'	0,2646
v'	0,5261
x	0,4606
y	0,4070
Δuv	-0,0014
R9	98

CQS

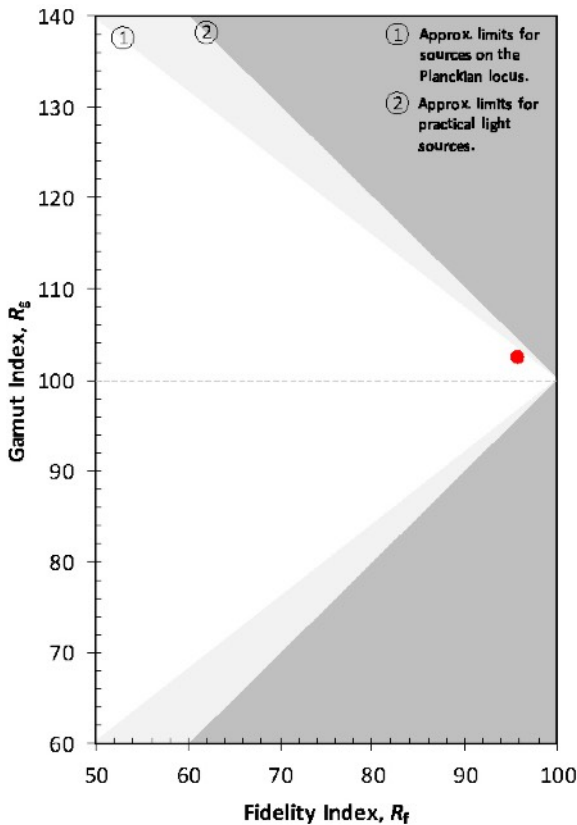


Fi	93
Rg@2700K	103
Rf@2700K	96
CQS	97,9

COLOR VECTOR GRAPHIC



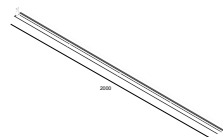
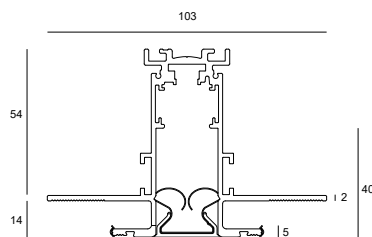
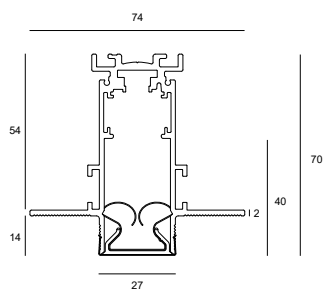
FIDELITY INDEX



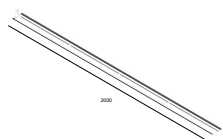
PRODUCT CODES FOR ORDER INFORMATION

			model	beam angle	housing finish	visor/base finish	LED temperature	power	current
			406 IN-SET LINES N Recessed Strip 59 cm 403 IN-SET LINES N Recessed Strip 29 cm	1 15° beam	BL black anodised	BL black anodised	7A 2700°K 3A 3000°K 8A 4000°K	D DALI (driver included)	V4 constant voltage 48v
9	.	T	.		.				

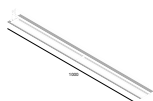
*Black54 reserves the right of discontinuing or replacing products inside this database

**7.T.2020.BL0**

recessed track for dry ceilings 2 meter (48V + dali)

**7.T.1020.BL0**

recessed track for gypsum ceilings 2 meter (48V + dali)

**7.T.1010.BL0**

recessed track for gypsum ceilings 1 meter (48V + dali)

**7.T.0100.BL0**

set of end caps (2p)

**7.T.0110.BL0**

electrical feeder

**7.T.0120.BL0**

electrical coupler

**7.T.0130.BL0**

mechanical coupler (2p)

**7.T.0140.BL0**

hanging set for track (2p)

**7.T.9900**

cutting tool for shortening conductors