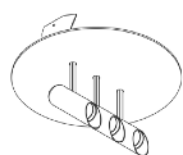
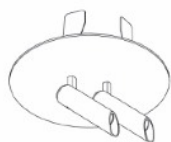


OFF-SET

ESSm



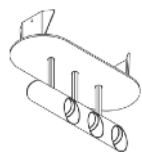
9.N.1015



9.N.1415



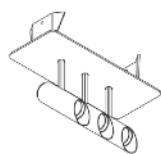
9.P.1001



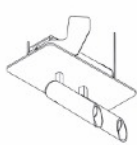
9.N.1035



9.N.1435

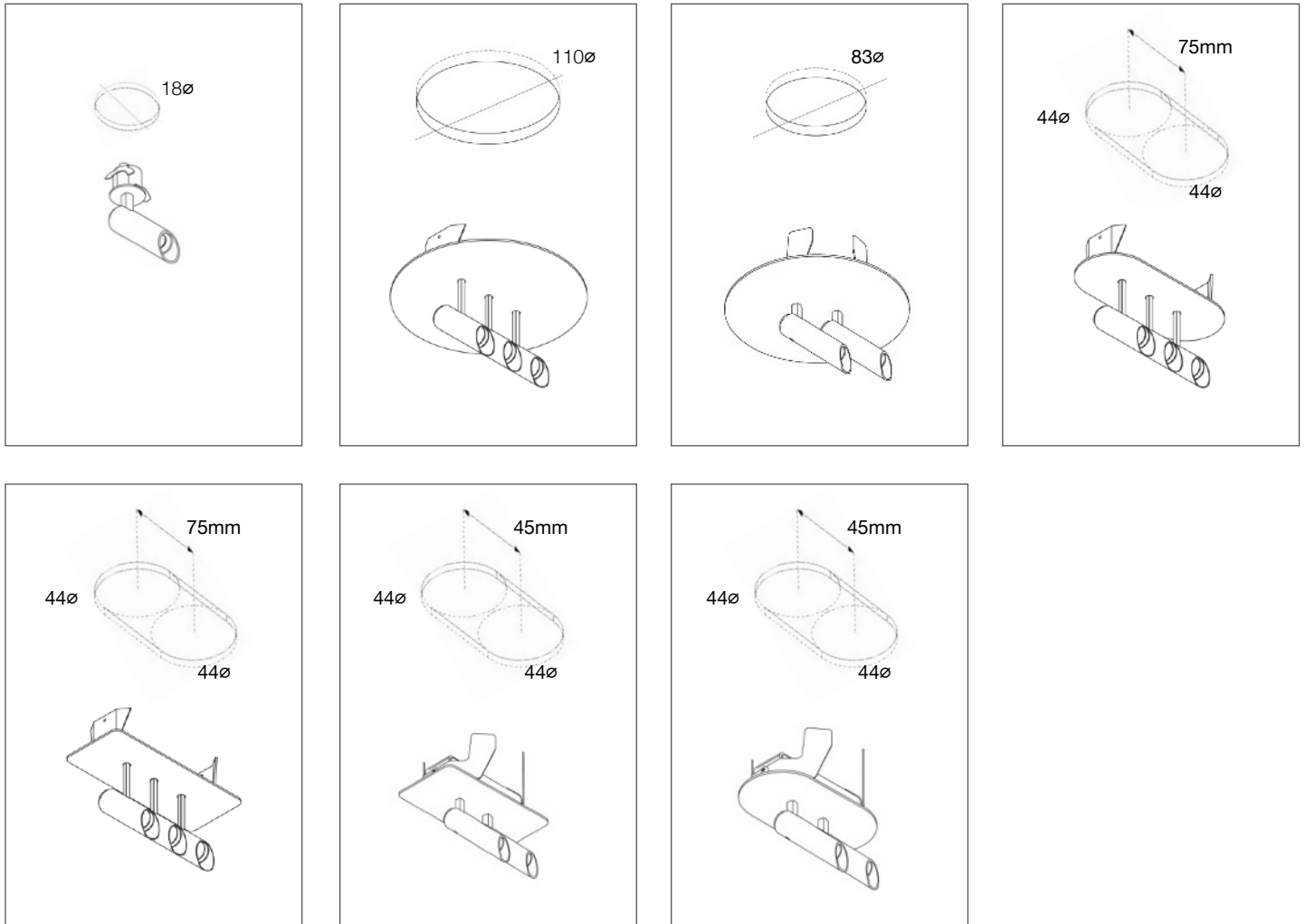


9.N.1025

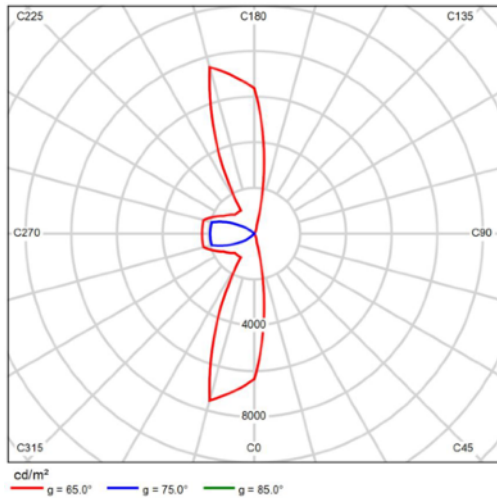


9.N.1425

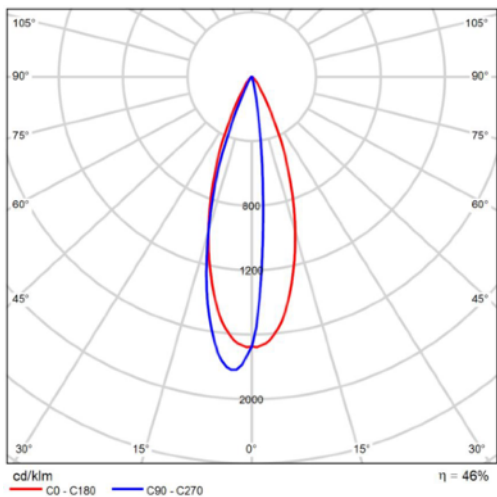
CUTTING DIAMETERS AND MOUNTING



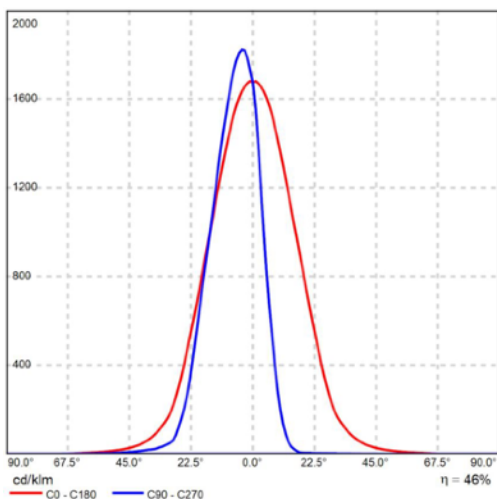
LUMINANCE DIAGRAM



POLAR LDC



LINEAR LDC



DESCRIPTION

OFF-SET with ESSm

FIXTURE

Housing Finish	WH white RAL9010 powder coated
Visor	BL black anodised
Base Finish	GO gold anodised
	GM gun metal anodised
	SI matte silver anodised
	BR bronze anodised

IP Rating	IP20
------------------	------

ELECTRICAL FEATURES

9.N.1001	9.N.2301	9.N.2301
	9.N.2201	9.N.2201
	9.N.2331	9.N.2331
	9.N.2231	9.N.2231
	9.N.2321	9.N.2321
	9.N.2221	9.N.2221

Power	E dimmable (driver excluded)
--------------	------------------------------

Current	C7	V2	V2
----------------	----	----	----

LIGHT SOURCE

LED Quantity	1	2	3
---------------------	---	---	---

Lamp Power	2,2 W	4,4 W	6,6 W
Lamp Flux (700 mA)	195 lm	390 lm	585 lm
Luminaire Flux	148 lm	296 lm	444 lm
Efficiency	%75,98	%75,98	%75,98
Luminous Efficacy	67 lm/W	67 lm/W	67 lm/W
LED Temperature	7A 2700°K 3A 3000°K 8A 4000°K		

CRI	97
------------	----

R09	94
------------	----

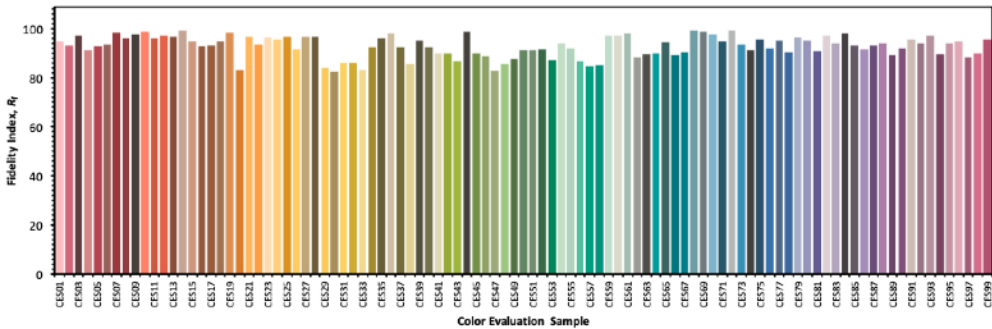
UGR	< 24
------------	------

OPTICS

Beam Angle	1 15 degree beam
-------------------	------------------

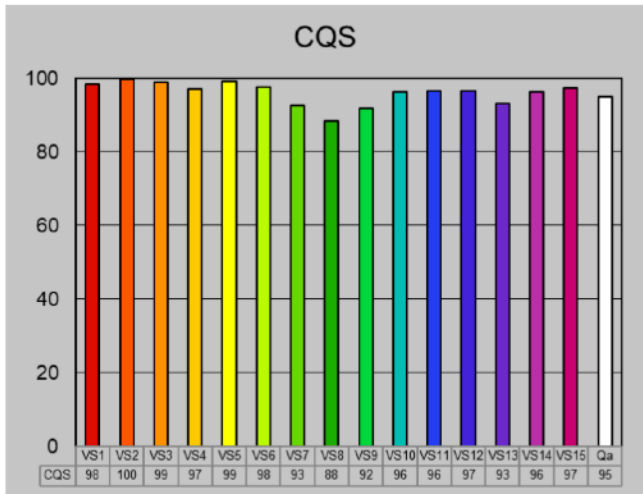
*Black54 reserves the right of discontinuing or replacing products inside this database

COLOR FIDELITY BY SAMPLE



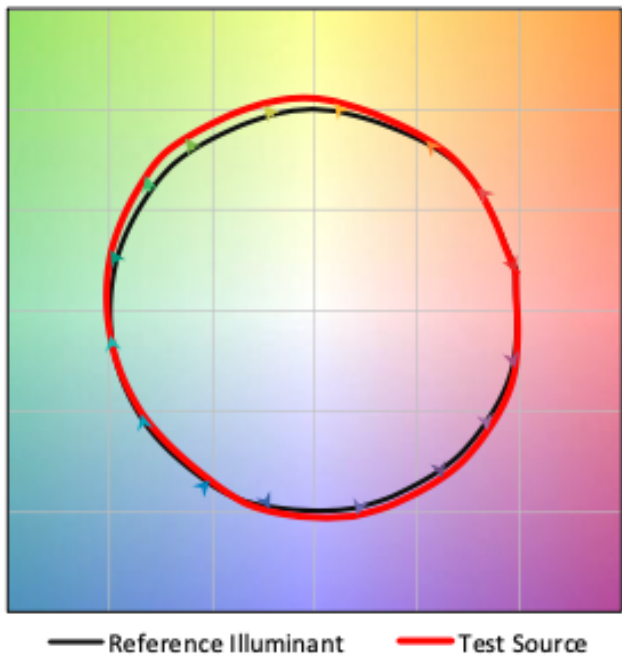
u'	0,2628
v'	0,5254
x	0,4574
y	0,4064
Δuv	*0,0014
R9	94

CQS

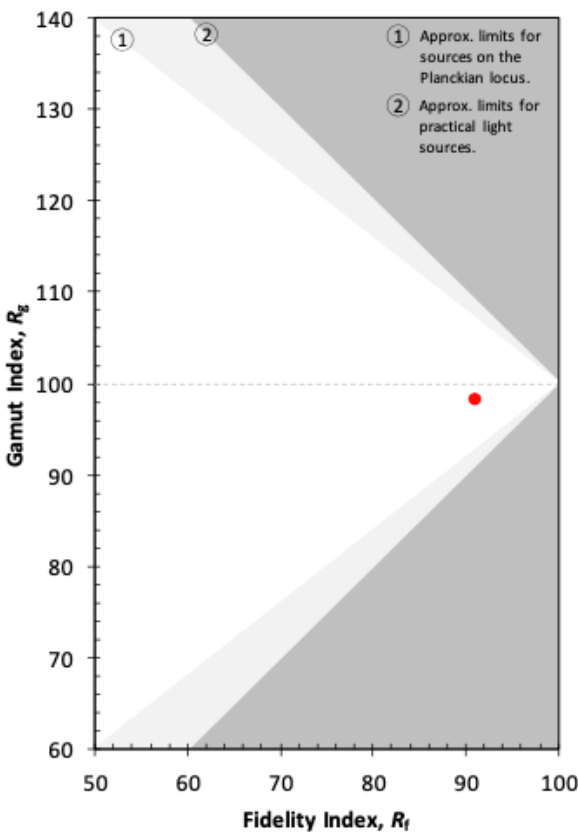


Rg@2700K	91
Rf@2700K	98

COLOR VECTOR GRAPHIC



FIDELITY INDEX



PRODUCT CODES FOR ORDER INFORMATION-1

				model	beam angle	housing + visor finish	LED temperature	power	current
				100 OFF-SET 1 ESSm on small recess	1 15 degree beam	WH white RAL9010 powder coated BL black anodised GO gold anodised GM gun metal anodised SI matte silver anodised BR bronze anodised	7 2700°K 3 3000°K 8 4000°K	E dimmable (driver excluded)	C7 constant current 700mA
9	.	T	.						

PRODUCT CODES FOR ORDER INFORMATION

				model	beam angle	housing + visor finish	LED temperature	power	current
				220 OFF-SET 2 ESSm on rounded recess 230 OFF-SET 3 ESSm on rounded recess 222 OFF-SET 2 ESSm on rectangular recess 223 OFF-SET 2 ESSm on long rounded recess 232 OFF-SET 3 ESSm on rectangular recess 233 OFF-SET 3 ESSm on long rounded recess	1 15 degree beam	WH white RAL9010 powder coated BL black anodised GO gold anodised GM gun metal anodised SI matte silver anodised BR bronze anodised	7 2700°K 3 3000°K 8 4000°K	E dimmable (driver excluded)	V2 constant voltage 24v
9	.	T	.						

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



7.P.7000 DCDC converter 700mA/24V dc