

TRIMLESS Armatürler / TRIMLESS Fittings



Minima 160 Caree

Aluminyum Enjeksiyon Malzeme

Elektrostatik Toz Boya

Halogen, retrofit LED ve profesyonel COB LED kullanılabilir

Dikey Ekseninde 30° Yatay ekseninde 350° yönlenebilir

Kolay montaj ve kolay lamba değişimi

Minimal görünüm

Işığın derinde kalması dolayısı ile göz kamaşması minimum düzeydedir

Açılması gerekli olan delik çapı 165x165mm

Alçı tavan yapımı aşamasında macun ve boyadan önce deliklerin açılıp montaj kasnaklarının takılması gereklidir

Renkler: Beyaz, Siyah, Gri, Antrasit

Minima 160 Caree

Die cast aluminium material

Electrostatic paint

Halogen, retrofit and Professional COB LED systems

30° rotation at the vertical axis and 350° tilting at the horizontal axis

Easy mounting and easy lamp replacement

Minimal design

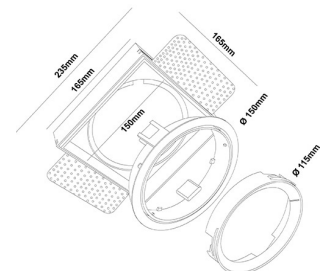
Fitting is anti glare due to deeper installation

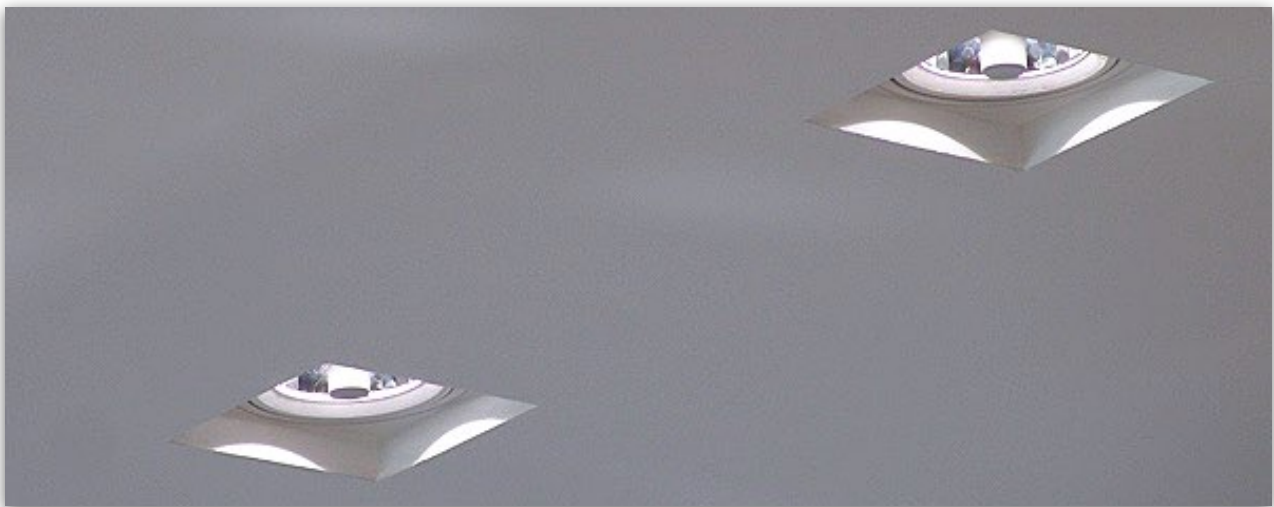
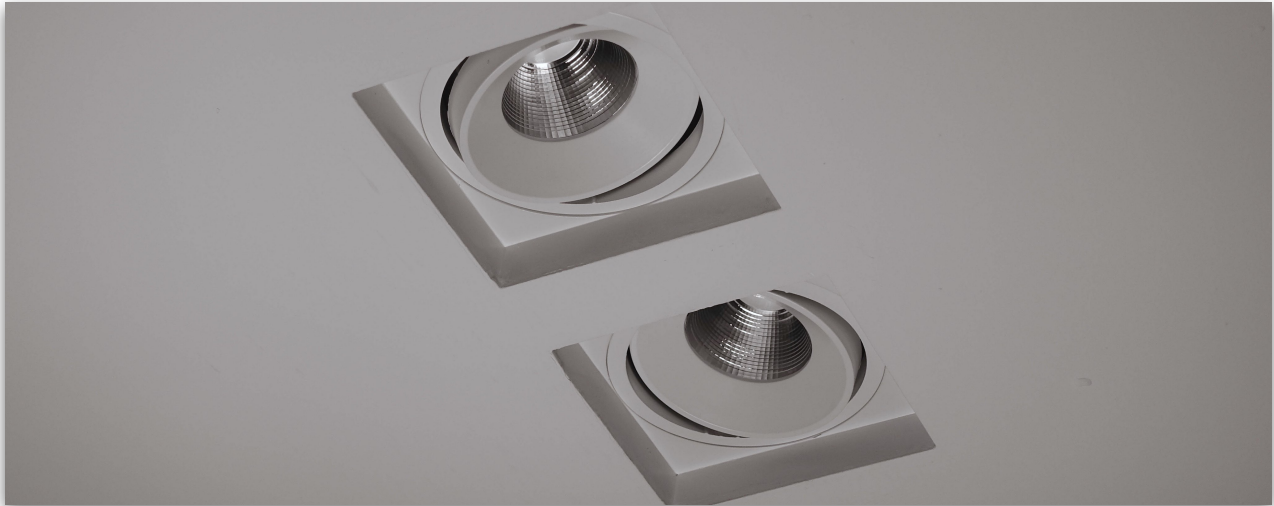
Cutout dimension 165x165mm

Mounting rim should be installed and fixed to the plaster ceiling during the ceiling job

Colors: White, Black, Silver, Anthracite

Delik ölçüsü 165x165mm / Cutout dimension 165x165mm
Max. derinlik 150mm / Max. Depth 150mm





Minima 160 Caree Trimless Halogen Lambalı / *Halogen Lamp*

Kod <i>Reference</i>	Güç tüketimi & Reflektör açısı <i>Power consumption & reflector angle</i>	Lamba tipi <i>Lamp type</i>	Duy <i>Lamp holder</i>
20.400400	12V 75-100W /24°-40°	QR-111	G53

Minima 160 Caree Trimless LED Lambalı / *LED Module*

Kod <i>Reference</i>	Güç tüketimi & Reflektör açısı <i>Power consumption & reflector angle</i>	Lamba tipi <i>Lamp type</i>	Duy <i>Lamp holder</i>
20.400500	230V 25W /24°	QR-111 LED	G53

Minima 160 Caree Trimless COB LED Lambalı / *COB LED Module*

Kod / <i>Reference</i>	Akım ve Güç tüketimi / <i>Current and Power consumption</i>	Lamba Tipi / <i>Lamp Type</i>
20.4006212	350mA / 12W	Professional LED Module
20.4006218	500mA / 18W	Professional LED Module
20.4006226	700mA / 26W	Professional LED Module
20.4006234	900mA / 34W	Professional LED Module
20.4006240	1050mA /40W	Professional LED Module

Minima 160 Caree Trimless LED teknik bilgileri / *LED Technical data*

Güç tüketimi <i>Power consumption</i>	Çalışma akımı <i>Input current</i>	Çalışma gerilimi <i>Input voltage</i>	Işık rengi <i>Color temperature</i>	Lümen değeri <i>Lumen output</i>	Renk geriverimi <i>Color rendering</i>
12W	350mA	36V	2700 K	1526 lm	% 80 CRI
18W	500mA	36V	2700 K	2075 lm	% 80 CRI
26W	700mA	36V	2700 K	2732 lm	% 80 CRI
34W	900mA	36V	2700 K	3310 lm	% 80 CRI
40W	1050mA	36V	2700 K	3695 lm	% 80 CRI
12W	350mA	36V	3000 K	1632 lm	% 80 CRI
18W	500mA	36V	3000 K	2220 lm	% 80 CRI
26W	700mA	36V	3000 K	2924 lm	% 80 CRI
34W	900mA	36V	3000 K	3542 lm	% 80 CRI
40W	1050mA	36V	3000 K	3954 lm	% 80 CRI

Reflektör açılan 22°, 33°, 51° ve 70° / *Reflector angles 22°, 33°, 51° ve 70°*

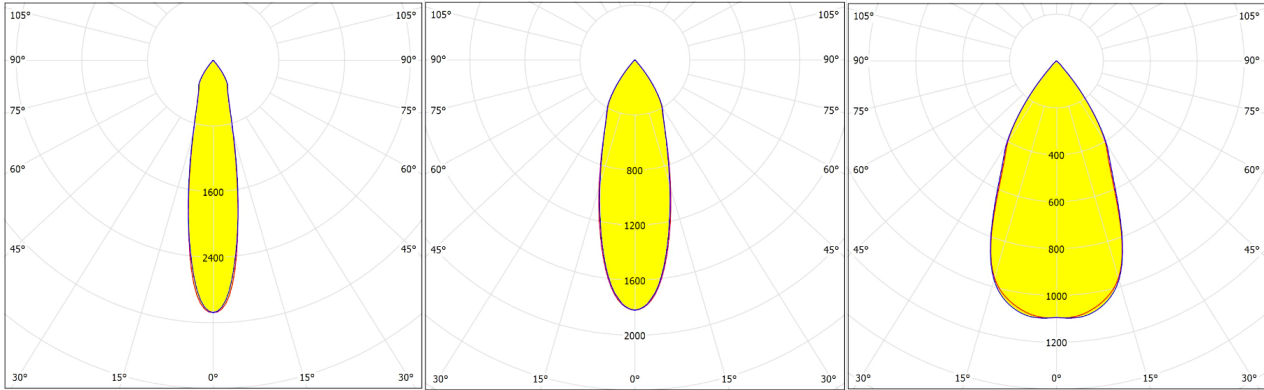
PROFESYONEL COB LED IŞIK DAĞILIM BİLGİLERİ
PROFESSIONAL COB LED LIGHT DISTRIBUTION DATA

CREE COB Polar Eğri Grafiği 350mA 12W 3000K 1633lm / CREE COB Polar Curve 350mA 12W 2700K 1633lm

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood

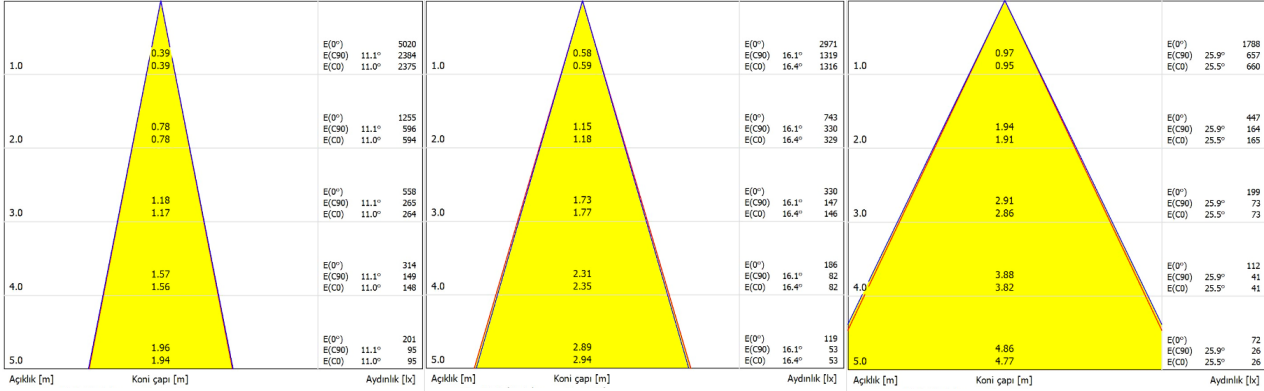


CREE COB Konik Diagram 350mA 12W 3000K 1633lm / CREE COB Cone Diagram 350mA 12W 2700K 1633lm

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood

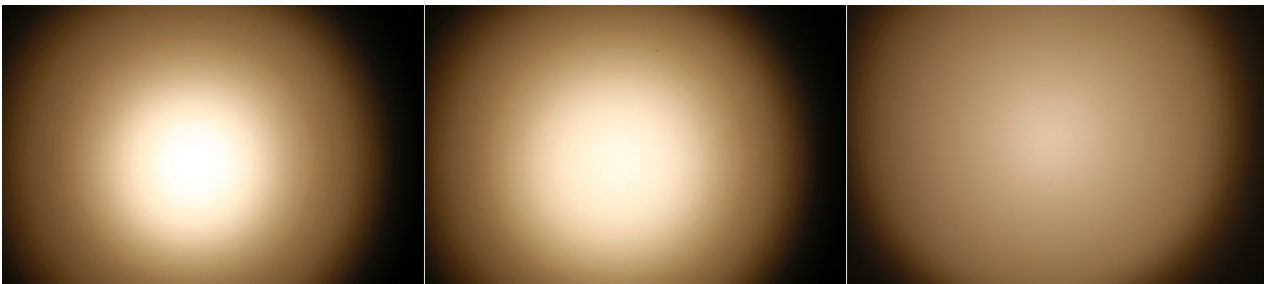


Işık dağılım yansıması/ Light distribution reflection

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood



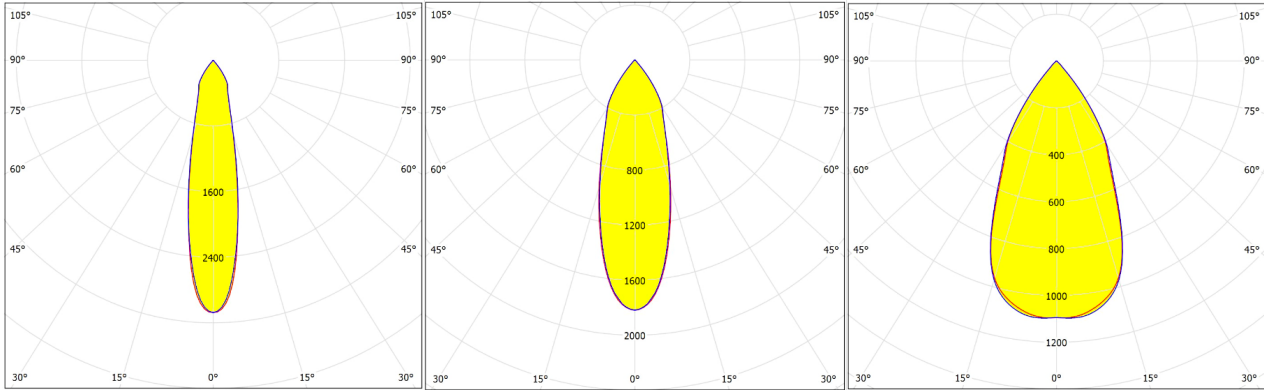
PROFESYONEL COB LED IŞIK DAĞILIM BİLGİLERİ
PROFESSIONAL COB LED LIGHT DISTRIBUTION DATA

CREE COB Polar Eğri Grafiği 500mA 18W 3000K 2220lm / CREE COB Polar Curve 500mA 18W 3000K 2220lm

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood

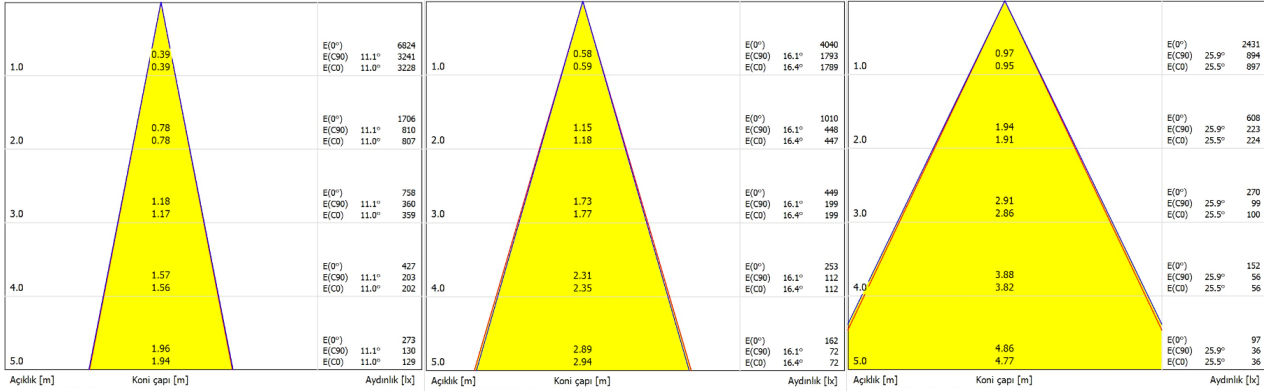


CREE COB Konik Diagram 500mA 18W 3000K 2220lm / CREE COB Cone Diagram 500mA 18W 3000K 2220lm

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood

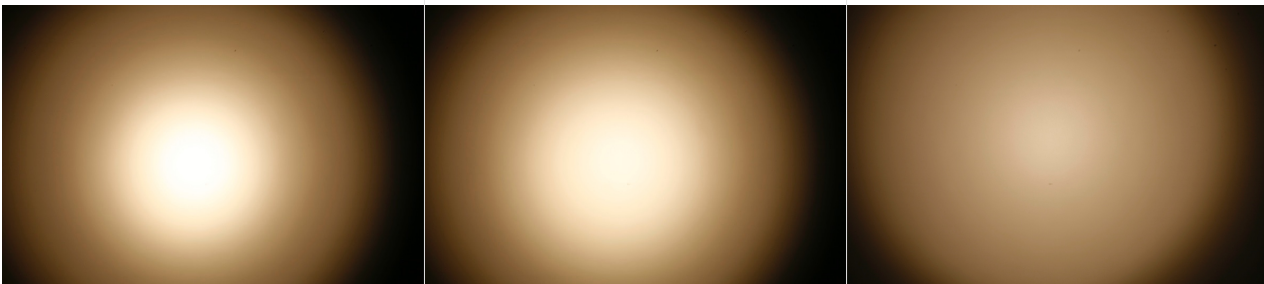


Işık dağılım yansıması/ Light distribution reflection

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood



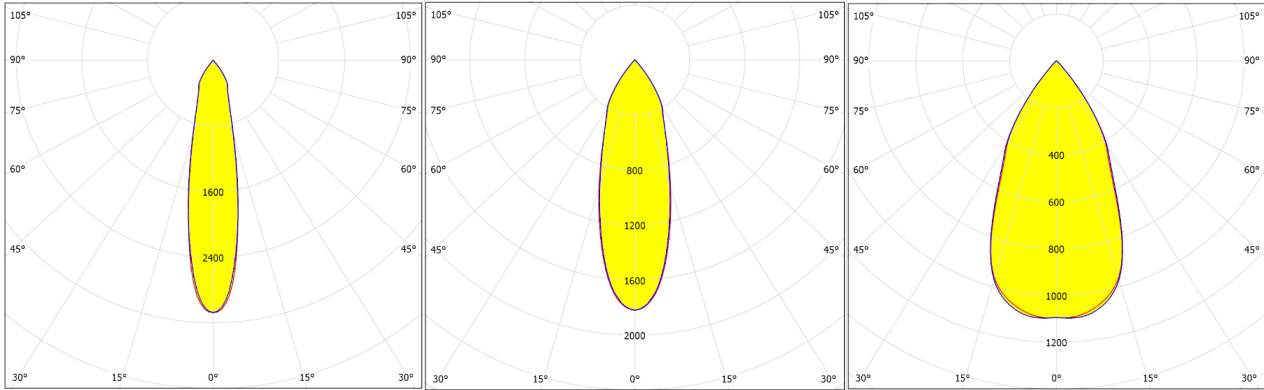
PROFESYONEL COB LED IŞIK DAĞILIM BİLGİLERİ
PROFESSIONAL COB LED LIGHT DISTRIBUTION DATA

CREE COB Polar Eğri Grafiği 700mA 26W 3000K 2924lm / CREE COB Polar Curve 700mA 26W 3000K 2924lm

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood

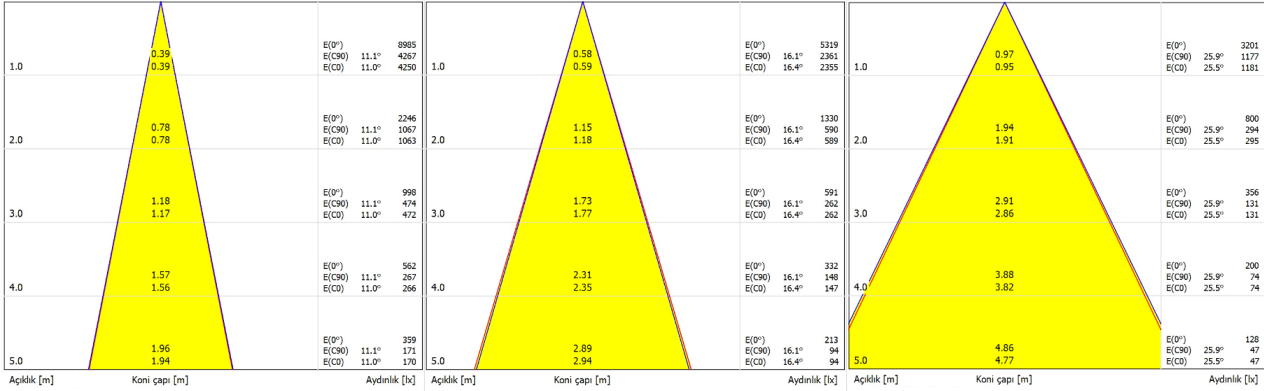


CREE COB Konik Diagram 700mA 26W 3000K 2924lm / CREE COB Cone Diagram 700mA 26W 3000K 2924lm

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood

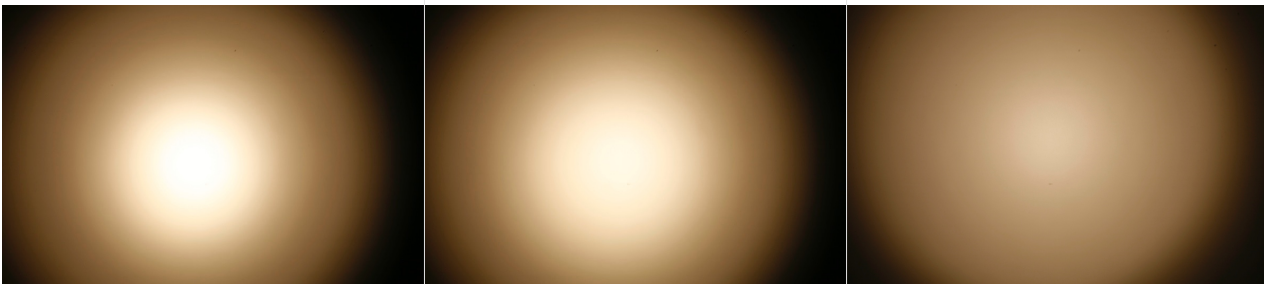


Işık dağılım yansıması/ Light distribution reflection

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood



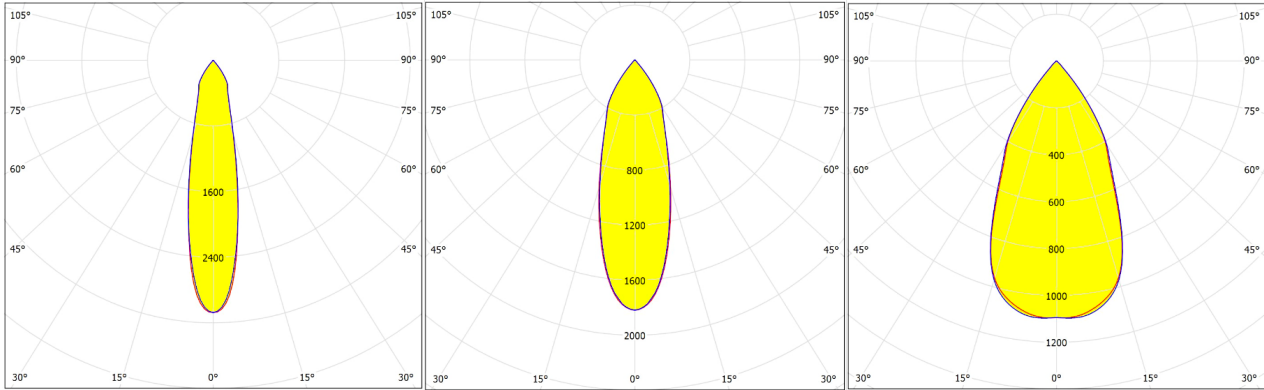
PROFESYONEL COB LED IŞIK DAĞILIM BİLGİLERİ
PROFESSIONAL COB LED LIGHT DISTRIBUTION DATA

CREE COB Polar Eğri Grafiği 900mA 34W 3000K 3542lm / CREE COB Polar Curve 900mA 34W 3000K 3542lm

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood

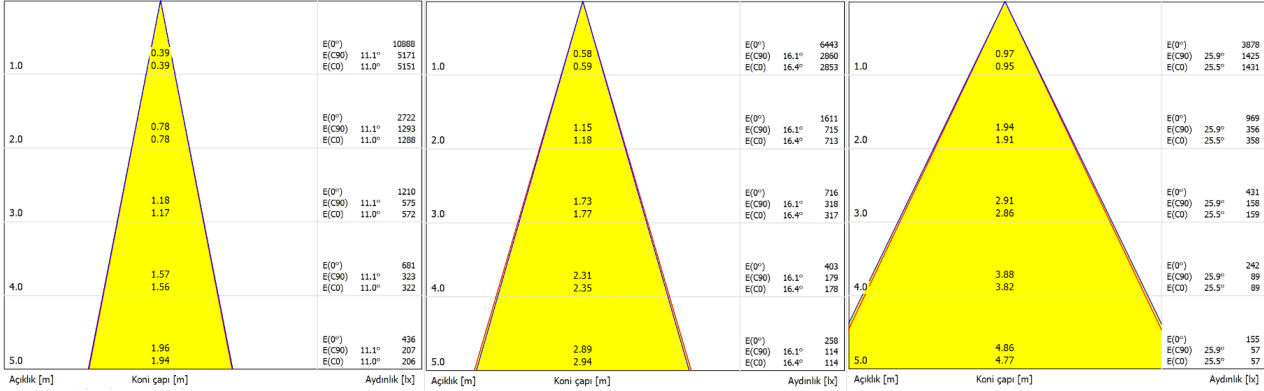


CREE COB Konik Diagram 900mA 34W 3000K 3542lm / CREE COB Cone Diagram 900mA 34W 3000K 3542lm

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood

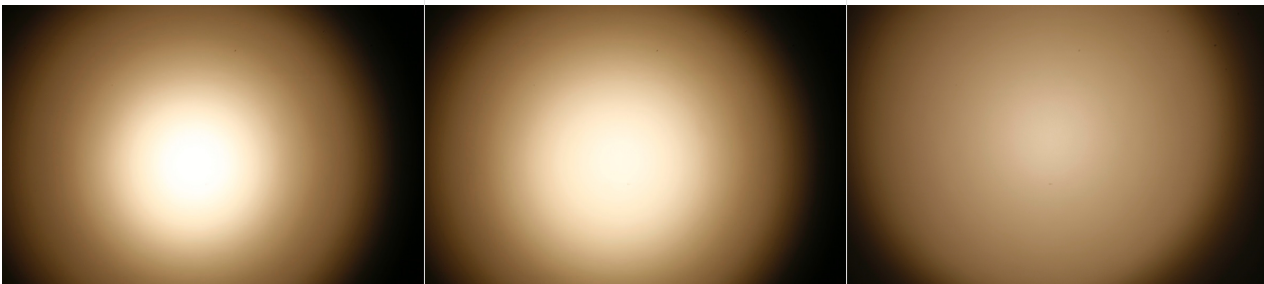


Işık dağılım yansımaları/ Light distribution reflection

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood



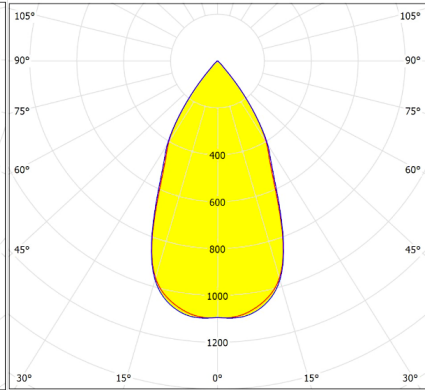
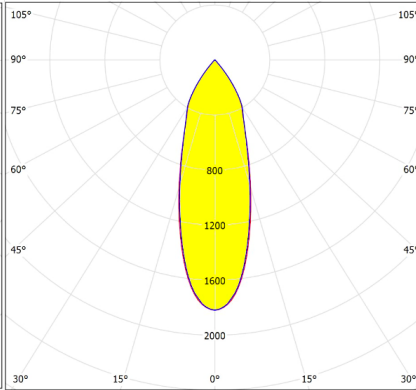
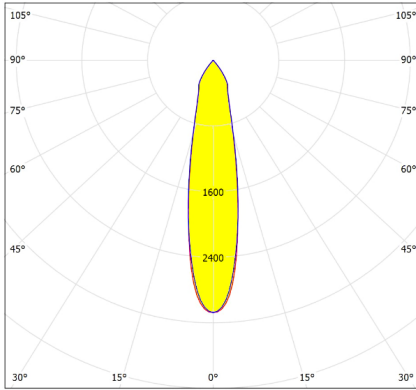
PROFESYONEL COB LED IŞIK DAĞILIM BİLGİLERİ
PROFESSIONAL COB LED LIGHT DISTRIBUTION DATA

CREE COB Polar Eğri Grafiği 1050mA 40W 3000K 3954lm / CREE COB Polar Curve 1050mA 40W 3000K 3954lm

22° dar açı / 22° spot

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51° geniş açı / 51° flood



CREE COB Konik Diagram 1050mA 40W 3000K 3954lm / CREE COB Cone Diagram 1050mA 40W 3000K 3954lm

22° dar açı / 22° spot

33° orta açı / 33° medium

51° geniş açı / 51° flood

1.0	0.39 0.39	E(0°) 12156 E(C90) 11.1° 5772 E(CD) 11.0° 5751
2.0	0.78 0.78	E(0°) 3039 E(C90) 11.1° 1443 E(CD) 11.0° 1438
3.0	1.18 1.17	E(0°) 1251 E(C90) 11.1° 641 E(CD) 11.0° 639
4.0	1.57 1.56	E(0°) 760 E(C90) 11.1° 361 E(CD) 11.0° 359
5.0	1.96 1.94	E(0°) 486 E(C90) 11.1° 231 E(CD) 11.0° 230
Açıklık [m]	Koni çapı [m]	Aydınlık [lx]

1.0	0.58 0.59	E(0°) 7193 E(C90) 16.1° 3193 E(CD) 16.4° 3185
2.0	1.15 1.18	E(0°) 1798 E(C90) 16.1° 798 E(CD) 16.4° 796
3.0	1.73 1.77	E(0°) 799 E(C90) 16.1° 355 E(CD) 16.4° 354
4.0	2.31 2.35	E(0°) 450 E(C90) 16.1° 200 E(CD) 16.4° 199
5.0	2.89 2.94	E(0°) 288 E(C90) 16.1° 130 E(CD) 16.4° 127
Açıklık [m]	Koni çapı [m]	Aydınlık [lx]

1.0	0.97 0.95	E(0°) 4338 E(C90) 25.9° 1591 E(CD) 25.5° 1598
2.0	1.94 1.91	E(0°) 1082 E(C90) 25.9° 398 E(CD) 25.5° 399
3.0	2.91 2.86	E(0°) 481 E(C90) 25.9° 177 E(CD) 25.5° 178
4.0	3.88 3.82	E(0°) 271 E(C90) 25.9° 99 E(CD) 25.5° 100
5.0	4.86 4.77	E(0°) 173 E(C90) 25.9° 64 E(CD) 25.5° 64
Açıklık [m]	Koni çapı [m]	Aydınlık [lx]

Işık dağılım yansımaları/ Light distribution reflection

22° dar açı / 22° spot

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51° geniş açı / 51° flood

