



2004

## **Çelik Dizayn,**

çağdaş çizgisi ve özgün tavrı ile dekoratif ve teknik aydınlatma alanında hizmet veren bir firmadır.

1979 yılında kalıp imalatı ile başladığı üretim hayatına 1987 yılında teknik aydınlatma alanında uzmanlaşarak devam eden firma, 1998 yılında dekoratif aydınlatma alanına girmiştir. Çelik Dizayn, bu tarihten itibaren kendi tasarımları ile portföyünü geliştirerek yeni ürünlerini ulusal ve uluslararası pazara sunmaya başlamış ve imalatçı bir firma olmanın bir adım ötesine geçmiştir. Bu yaklaşımı ile yeni bir çizgide ilerleyen Çelik Dizayn, 2004 yılında Avrupa Komisyonu tarafından düzenlenen Lights of the Future isimli yarışmada Aslı Kıyak İngin Tasarımı "Dalga" ile finale kalmıştır.

Çelik Dizayn, portföy ürünleri dışında müşterilerinin özel ihtiyaç ve taleplerine, tasarım ve üretim kapasitesi ile çözümler sunabilmektedir.

## **Çelik Dizayn,**

*is a Turkish Manufacturer Lighting Company at both indoor technical and decoratives lines.*

*Company has founded in 1979 as a mould manufacturer company. After 1987 company has focused at technical lines. At 1998 company enlarged his product line with wide variety of decoratif indoor items. Since than company starts to design its own luminaries and sale national and international markets. As a result of this design concept and new line at 2004 The Company became as a finalist of the competition Lights of the Future 2004, wich is organised by European Comission.*

*Çelik Dizayn is also capable to design and produce speicial products for special request of his customers with his design and production capacity.*



BOMBELİ CAM / Bended Glass

## DALGA / Wave

DALGA FORMLU BOMBELİ VE DÜZ CAMLI ARMATÜR  
Wall and Ceiling Luminaries with Glass

TASARIM / Design ASLI KIYAK İNGİN

1x24W TC-L 2G11

2x40W B35 E14

220V

BOMBELİ - DÜZ CAM / Bended - Flat Glass

31

KUMLANMA  
Safin

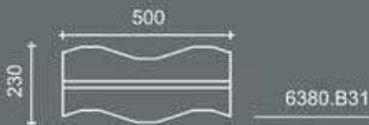
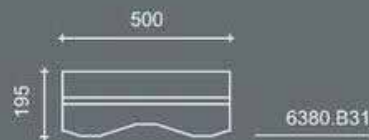
DKP. SAC / Steel Sheet

15

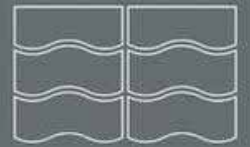
BEYAZ  
White

IP20

⚡



Dalga'nın mekan içinde kullanım alternatifleri

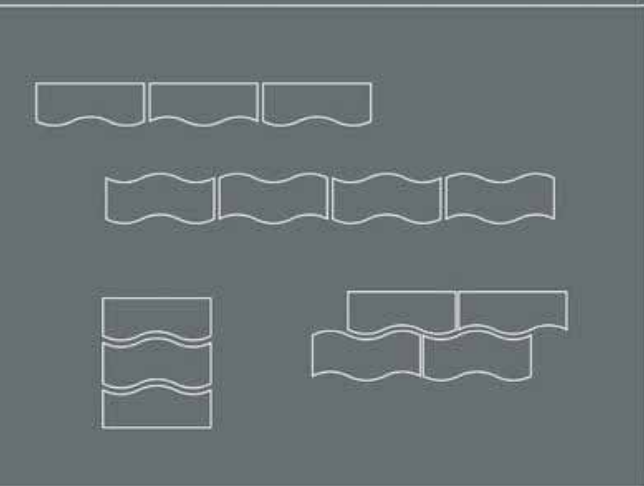




Atölye Mozaik - Suadiye



DÜZ CAM / Flat Glass





3350.M45P01

## TOTEM

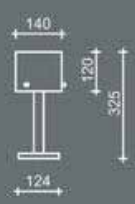
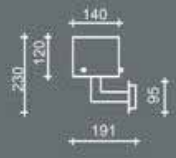
MINI OPAL CAM TAKIM  
Mini Opal Glass Series

TASARIM / Design ASLI KIYAK İNGİN

	1x40W	P45	E14
	220V		
	OPAL CAM / Opal Glass		
	 32 MAT BEYAZ Mat White	 M45 MAVİ SEKER Blue Sugar	 S45 SARI SEKER Yellow Sugar
	 Y45 YEŞİL SEKER Green Sugar		
	PİRİNÇ / Brass		
	 01 KROM Chrome	 05 MAT KROM Mat Chestnut	 20 MAT GRİ Mat Grey

IP20





8762.92Z20



7761.92Z20



## MEŞALE

AHŞAP MEŞALE TAKIM  
Wooden Torch Series

TASARIM / Design | ASLI KIYAK INGIN

1x60W A60 E27

220V

ABAJUR KAĞIDI / Lampshade Paper

90

LAHİNGE SAKI  
Lacquer Yellow

94

SERBA  
Sierra

DKP SAC / Sheet Steel

20

MAT GRİ  
Mat Grey

17

SİYAH  
Black

AHŞAP / Wood

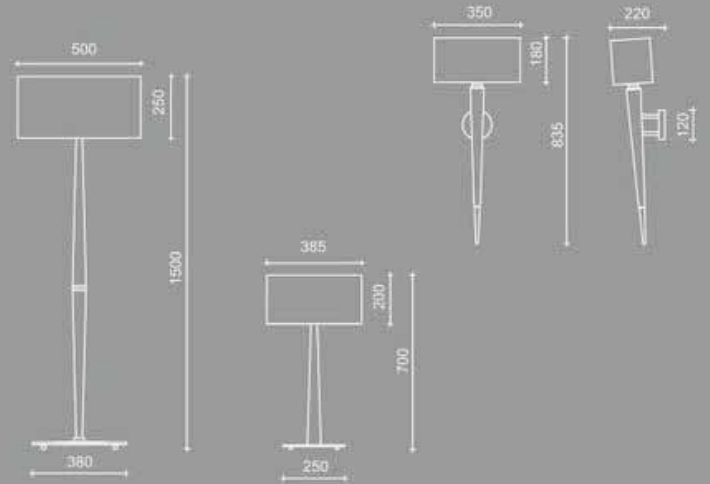
70

MEHİR  
Walnut

75

CEYİZ  
Walnut

IP20





6761.92Z20



6330.92Z20





Gloria Jeans Coffees - Bebek


3721.32G01




## HALKA

KROM HALKALI OPAL CAM TAKIM  
Opal Glass Series With Chrome Ring

TASARIM / Design ÇELİK DİZAYN- HAKAN KIRAN MİMARLIK

37171  1x100W G95 E27

 1x40W B35 E14

 220V

ÇELİK / Steel

ALÜMİNYUM / Aluminium

01



KROM  
Chrome

08



MAT ELİKSAL  
Mat Anodized

OPAL CAM/ Opal Glass

32



MAT BEYAZ  
Mat White

IP20

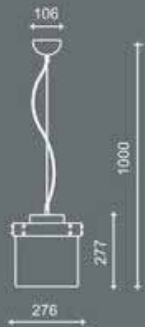




6721.32G08



3717.32G01





8491.071FF15



Flokser - İMÇ Showroom

## FENER

FENER TAKIM  
Torchie Series

TASARIM / Design ASLI KIYAK İNGİN

	1x40W	P45	E14
	1x40W	R50	E14
	220V		

PİRİNÇ/ Brass		DKP SAC/ Sheet Steel - ALÜ./ Alu.		
05	15	01	07	15
KROM Mat Chrome	BEYAZ White	KROM Chrome	ELOKSAL Anodized	BEYAZ White
DKP SAC/ Sheet Steel				
17				
SİYAH Black				

IP20





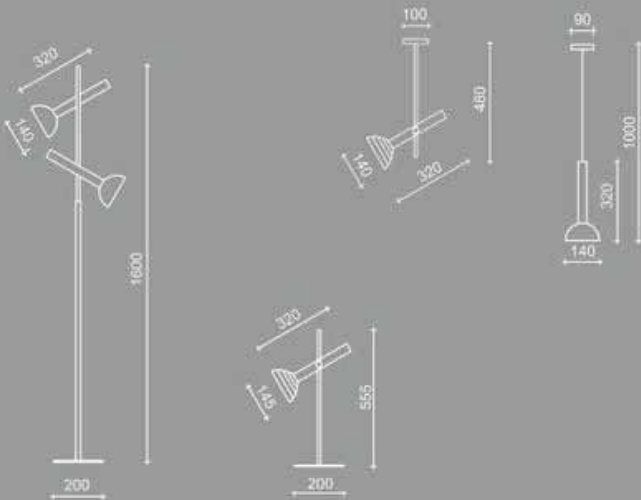
3490.15F05



2491.07F05



7490.07F05



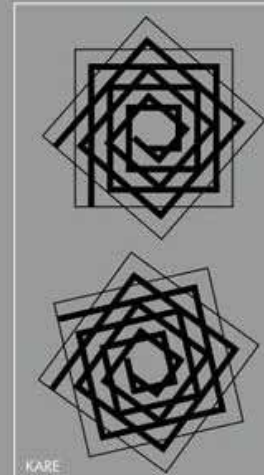
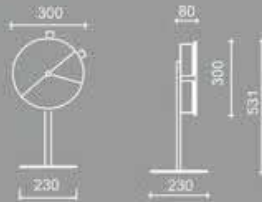


## DÖNDÜR

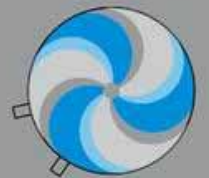
HAREKETLİ AKRİLİK ARMATÜR  
Lamp Series with Rotaveler Disks

TASARIM / Design ASLI KIYAK İNGİN

○	1x22W	T26C	G10q
~	220V	36W Balast (+)	
	AKRİLİK / Acrylic		
	97		
	ŞEPAF Clear		
	DKP SAC / Sheet Steel		
	20		
	MAT GRİ Mat Grey		



KARE



RÜZGAR GÜLÜ



ÇİÇEK

FARKLI DÖNDÜR SEÇENEKLERİ / Different Döndür Alternatives



7905

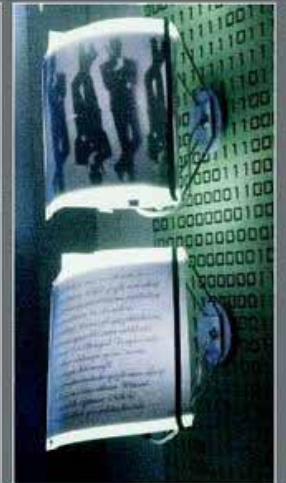
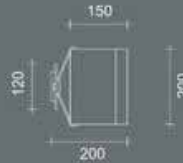
6905

## VESAİRE / Etc.

DEĞİŞTİRİLEBİLİR GÖRSELLİ APLİK VE MASA LAMBASI  
Desk Lamp and Aplique With Changable Image

TASARIM / Design BARIŞ MULLUK - KUNTER ŞEKERCİOĞLU

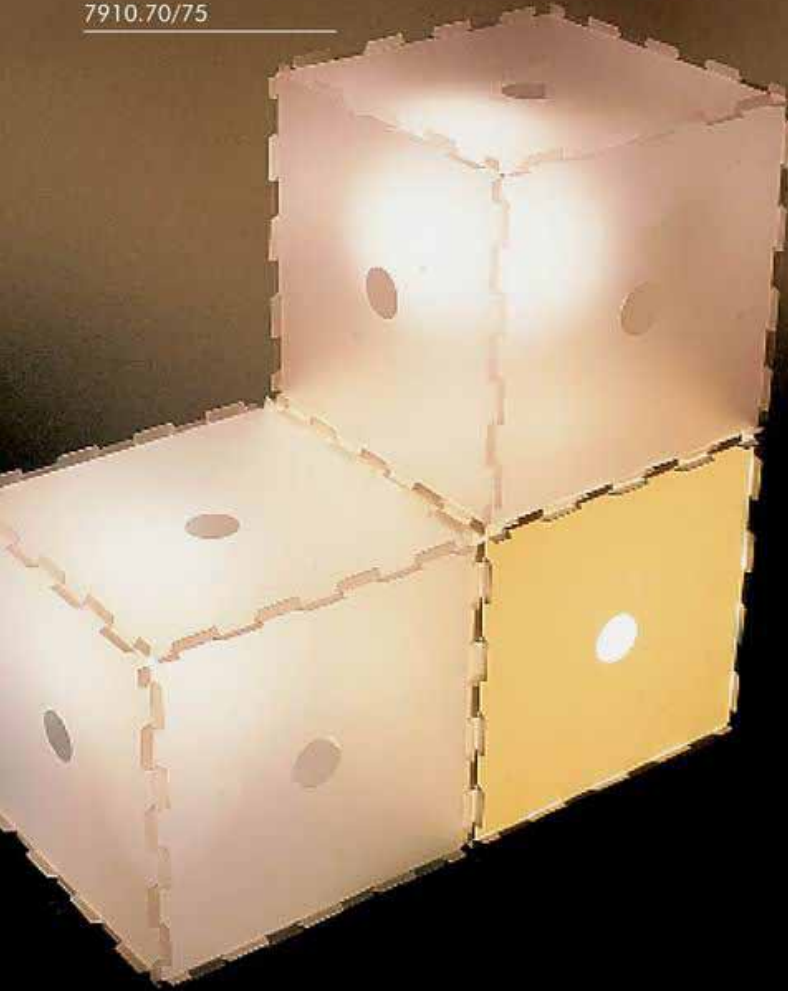
	1x40W	B35	E14
	220V		
	AKRİLİK / Acrylic		PP/ Polypropylen
	98 SİS BEVAZI Sis	70 PP BUZLU PP Isp	98 SİS BEVAZI Sis
	ÇELİK TEL/ Steel Wire		
	05 MAT KROM Mat Chrome	20 MAT GRİ Mat Gray	



IP20



7910.70/75



PP KÜP  
3910.70



## PP SERİSİ

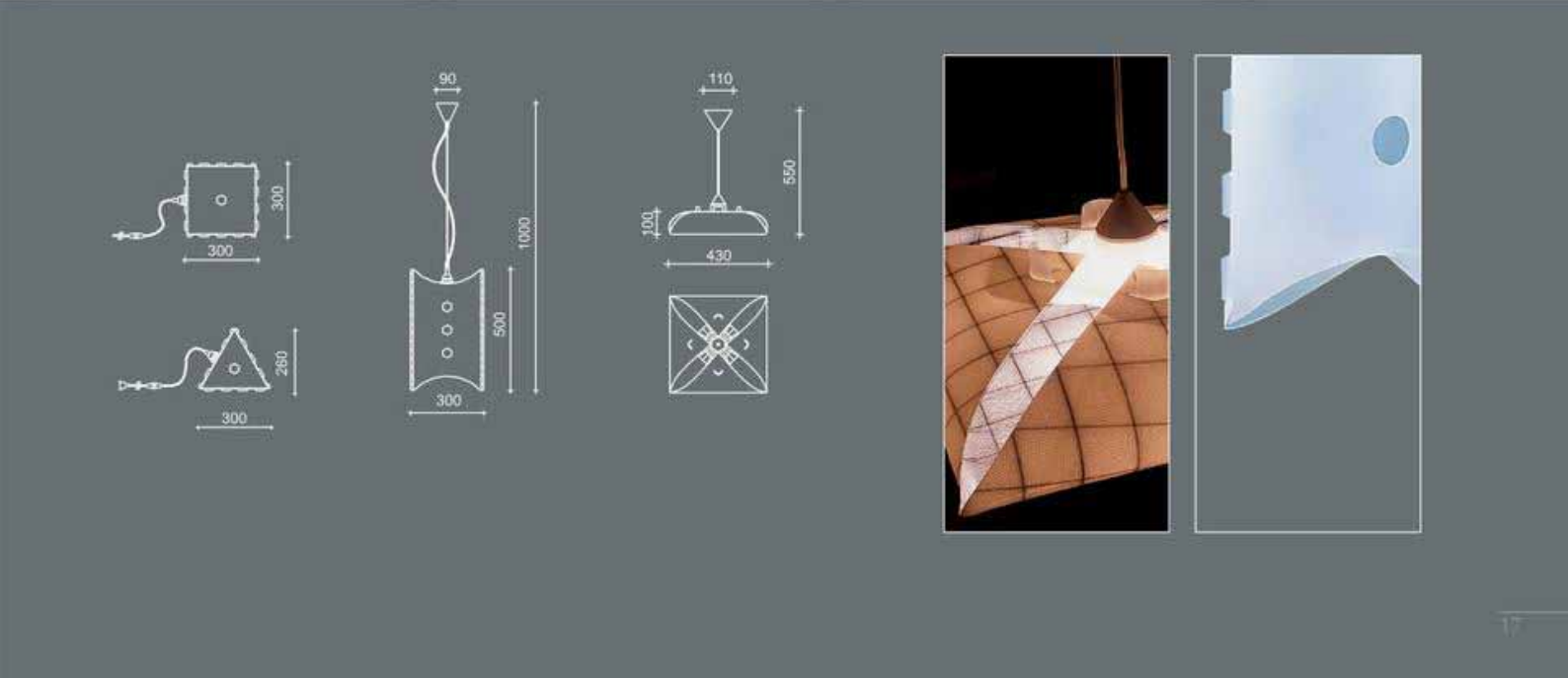
PP KÜP, MEKİK, ÜÇGEN VE BOHÇA / BEYAZ  
PP Cube, Shuttle, Triangle and Bundle / White

TASARIM/Design Aykut Erdoğan

(39.13)		1x40W	P45	E14
		1x60W	A60	E27
		220V		
		POLİPROPİLEN / Polypropylen		
		75	70	
		PP BEYAZ PP White	PP BÜZÜLÜ PP Ice	

IP20









8712.62V01



6704.62T01



7705.62V05

## SİLİNDİR

ÇELİK TUL SİLİNDİR TAKIM  
Cylinder Series

	1x60W	A60	E27
(B712)	1x60W	G95	E27
	220V		

ABAJUR KAĞIDI / Lampshade Paper

60	62	89
DEĞİRLİ ALU Perforated Alu	ÇELİK TUL Steel Web	BEYAZ PVC White PVC

PIRİNÇ / Brass

01	05	20
KROM Chrome	MAT KROM Mat Chrome	MAT GRİ Mat Grey

IP20





8743.99K20



6740.99K20



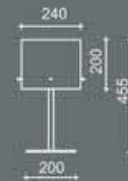
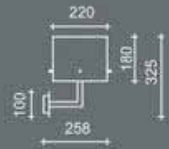
7743.99K20

## KARE PLEKSİ

KARE PLEKSİLİ TAKIM  
Acrylic Square Series

	1x75W	A60	E27
	220V		
	AKRİLİK / Acrylic		
	98	99	
	SİĞ BEYAZI S4	BEYAZ White	
	DKP SAÇ / Sheet Steel		
	20		
	MAT GRİ Mat Gray		

IP20





8729.85K75

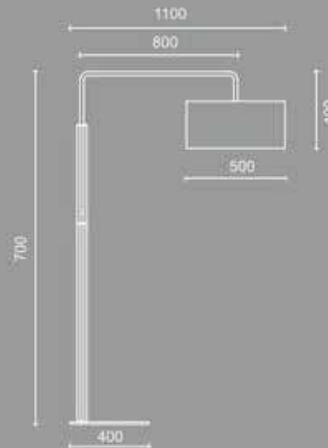


7729.85K75

## AHŞAP KONSOL

AHŞAP KONSOL AYAKLI VE MASA LAMBASI  
Wooden Console Stand and Table Lamp

	1x100W	G95	E27
	220V		
	ABAJUR KAĞIDI / Lampshade Paper		
	85	89	
			
	SIYAH PVC Black PVC	BELAZ PVC White PVC	
	AHŞAP / Wood	DKP SAC / Sheet Steel	
	75	20	
			
	CEVIZ Walnut	MAT GR Mat Gray	
IP20			





8772.94K20



6771.94K20



8770.90AL70



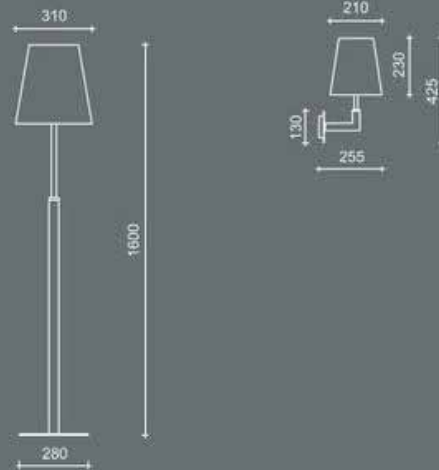
6771.90AL70

## KARE KONİK

KARE KONİK ŞAPKALI TAKIM/ SIERRA  
Square Cone Series

	1x60W	A60	E27
	220V		
	ABAJUR KAĞIDI / Lampshade Paper		
	89	90	94
	BEYAZ PVC White PVC	LAMİNE SARİ Laminé Yellow	SIERRA Sierra
	DKP SAC / Sheet Steel		AHŞAP / Wood
	20	70	75
	MAT GRİ Mat Gray	WENÇE Wenge	CEVİZ Walnut

IP20





6770.94C20



6770.94CC20



6770.94C20

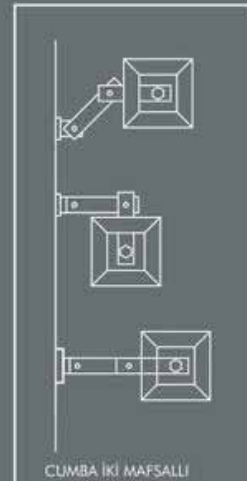
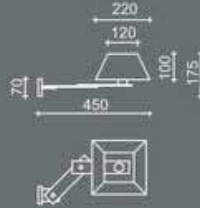
## CUMBA

TEK VE İKİ MAFSALLI APLİK İLE MASA LAMBASI  
Double Arm and Single Arm Adjustable Aplique And Table Lamp

TASARIM / Design ASLI KIYAK İNGİN

	1x40W	P45	E14
	220V		
	ABAJUR KAĞIDI / Lampshade Paper		
	80	94	
	KUMMAŞ Fabric	SERRE Sierra	
	DKP SAC / Sheet Steel		
	20		
	MAT GRİ Mat Grey		

IP20





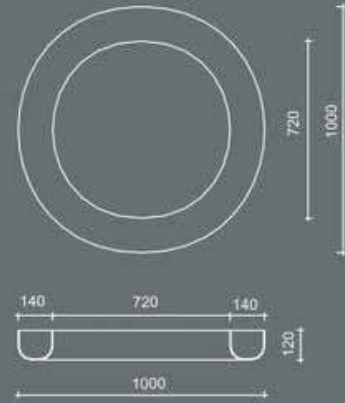
4815.99

## SİMİT

Ø 100 cm AKRİLİK SİMİT TAVAN LAMBASI / BEYAZ  
Ø 100 cm Acrylic Donut Ceiling Lamp / White

	11x11W	TC-S	G23
	11x20W	B35	E14
	220V	11x11W	Balast (+)
	AKRİLİK / Acrylic		
	99		
	BEYAZ AKRİLİK White Acrylic		
	DKP SAC / Sheet Steel		
	15		
	BEYAZ White		

IP20







3600.07C

MİĞFER

MİĞFER METAL SARKIT / ELOKSAL KAPLAMA  
Helmet Metal Pendant / Anodized

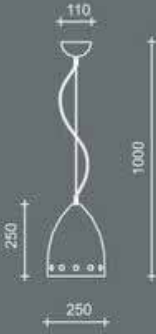
	1x60W	A60	E27
	220V		

ALÜMİNYUM / Aluminium

	
07	20
PARLAK ELOKSAL Anodized	MAT GRİ Mat Gray



IP20



3460.20A

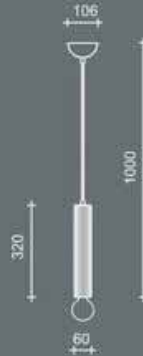
ÜNLEM

ÜNLEM SARKIT/MAT GRİ  
EXCL: Pendant / Mat Gray

	60W	G95	E27
	220V		

ALÜMİNYUM PROFİL / Aluminium Profile

	
20	07
MAT GRİ Mat Gray	PARLAK ELOKSAL Anodized



IP20







Proje Dizayn - Cihangir Ofisi



3550.07C

MERMİ

METAL MERMİ SARKIT/ ELOKSAL KAPLAMA  
Metal Bullet Pendant / Anodized

	1x60W	R63	E27
	220V		
	ALÜMİNYUM / Aluminium		
	07	20	
	PARLAK ELOKSAL Anodized	MAT GRİ Mat Grey	

IP20





### 3321.38N

KONİK CAM SARKIT / YEŞİL  
Cone Glass Pendant / Yellow

	1x60W	A60	E27
	220V		

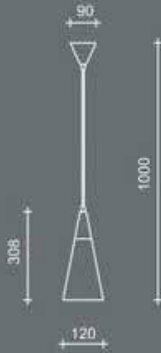
DKP SAC / Sheet Steel



CAM/ Glass



IP20



### 3535.07D

ÇAN

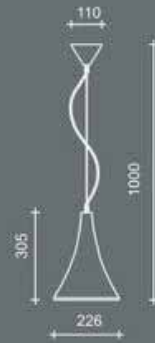
METAL ÇAN SARKIT / BEYAZ  
Metal Bell Pendant / White

	1x60W	P63	E27
	220V		

ALÜMİNYUM / Aluminium



IP20





### 3530.07D

DAR KONİK METAL SARKIT / ELOKSAL KAPLAMA  
Narrow Cone Metal Pendant / Anodized

	1x60W	R63	E27
	220V		
	ALÜMİNYUM / Aluminium		
			
	PARLAK ELOKSAL Anodized	MAT GRİ Mat Gray	

IP20 

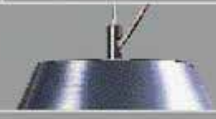


### 3520.07C

GENİŞ KONİK METAL SARKIT / ELOKSAL KAPLAMA  
Wide Cone Metal Pendant / Anodized

	1x60W	G95	E27
	220V		
	ALÜMİNYUM / Aluminium		
			
	PARLAK ELOKSAL Anodized	MAT GRİ Mat Gray	

IP20 





3570.07C

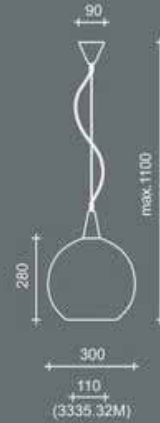
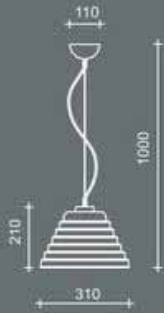
ZİGGURAT

KADEMELİ METAL SARKIT / ELOKSAL KAPLAMA  
Multi Step Metal Pendant / Anodized

	1x60W	G95	E27
	220V		
	ALÜMİNYUM / Aluminium		
	07	20	
	PANKA ELOKSAL Anodized	MAT GRİ Mat Gray	



IP20



3334.32M 3335.32M

GLOP CAM SARKIT/ BEYAZ  
Globe Glass Pendant / White

	1x60W	A60	E27
	220V		
	DKP SAC / Sheet Steel		
	01	05	20
	KROM Chrome	MAT KROM Mat Chrome	MAT GRİ Mat Gray
	CAM/ Glass		
	32	36	
	MAT BEYAZ Mat White	MAT SARİ Mat Yellow	

IP20





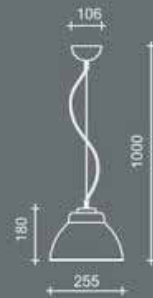
Mayana Fastfood- İkitelli



### 3510.07C

YUVARLAK METAL SARKIT / ELOKSAL KAPLAMA  
Round Metal Pendant / Anodized

	1x60W	G95	E27
	220V		
	ALÜMİNYUM / Aluminium		
	07	20	
			
	PARLAK ELOKSAL Anodized	MAT GRİ Mat Grey	



IP20





79



### 3365.36T2 3361.39T2

İKİLİ MİNİ CAM SARKIT / SARI  
Mini Double Glass Pendant / Yellow

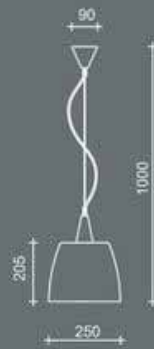
	2x20W/12V	QT12	G4
	12V	50W/12 Transformatör (+)	
DKP SAC / Sheet Steel			



CAM / Glass



IP20



### 3330.36M

YASSI CAM SARKIT / SARI  
Flat Glass Pendant / Yellow

	1x60W	A60	E27
	220V		
DKP SAC / Sheet Steel			

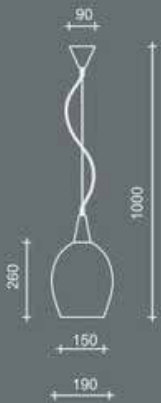


CAM / Glass



IP20





### 3337.36M

CAM SARKIT / SARI  
Glass Pendant / Yellow

	1x60W	A60	E27
	220V		
	DKP SAC / Sheet Steel		
	01  Krom Chrome	05  Mat Krom Mat Chrome	20  Mat Gri Mat Grey
	CAM/ Glass		
	32  Mat Beyaz Mat White	36  Mat Sari Mat Yellow	

IP20



### 3323.32M

CAM SARKIT/ BEYAZ  
Glass Pendant / White

	1x60W	A60	E27
	220V		
	DKP SAC / Sheet Steel		
	01  Krom Chrome	05  Mat Krom Mat Chrome	20  Mat Gri Mat Grey
	OPAL CAM / Opal Glass		
	32  Mat Beyaz Mat White	36  Mat Sari Mat Yellow	

IP20



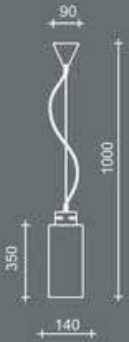


### 3705.32CB05

CAM SARKIT / BEYAZ  
Glass Pendant / White

	1 x 60W	A60	E27
	220V		
			
	MAT BROWN Mat Chrome	MAT GRAY Mat Gray	
	CAM/ Glass		
			
	MAT BEYAZ Mat White		

IP20







### 3722.32CB05

MINI CAM SARKIT / BEYAZ  
Mini Glass Pendant / White



	1x40W	B35	E14
	220V		
	DKP SAC / Sheet Steel		
	05	20	
	MAT KROM Mat Chrome	MAT GRİ Mat Gray	
	CAM/ Glass		
	32		
	MAT BEYAZ Mat White		

IP20



### 3780.89J

### SPIRAL

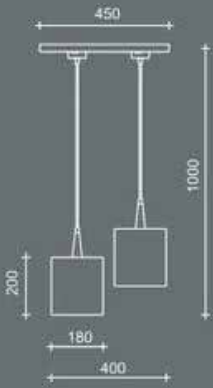
SPIRAL SARKIT / BEYAZ PVC  
Spiral Pendant / White PVC



	1x40W	B35	E14
	220V		
	DKP SAC / Sheet Steel		
	01	20	
	KROM Chrome	MAT GRİ Mat Gray	
	ABAJUR KAGIDI/ Lampshade Paper		
	62	89	90
	CELIK TUL Steel Wdg	BEYAZ PVC White PVC	LAMBE SARİ Lemon Yellow

IP20







3736.89R2

İKİLİ KÜP SARKIT/ BEYAZ PVC  
Double Cube Pendant / White PVC

	2x60W	A60	E27
	220V		

ELEKTRO RAY / Track

	20
	RAY GRİ Mat Grey

ABAJUR KAĞIDI / Lampshade Paper

	59		89
	KİRCİLLİ KAĞIT Recycle Paper		BEYAZ PVC White PVC

IP20 





3465.01

KROM BORU SARKIT  
Chrome Pipe Pendant



1x50W PAR16 GU10



220V



PIRINÇ / Brass



01



05



06

KROM

MAT KROM

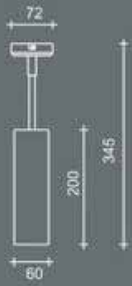
MAT ALTIN

Chrome

Mat Chrome

Mat Gold

IP20



3610.07C



3630.07D



3617.07C



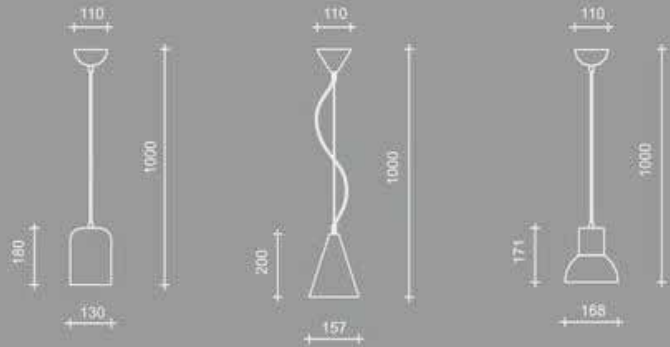
MİNİ METAL SARKITLAR / ELOKSAL KAPLAMA

Mini Metal Pendants / Anodized

	1x60W	A60	E27
	220V		
	ALÜMİNYUM / Aluminium		
	07	20	
	PARLAK ELOKSAL Anodized	MAT GRİ Mat Grey	



IP20



3555.07C



3635.20A



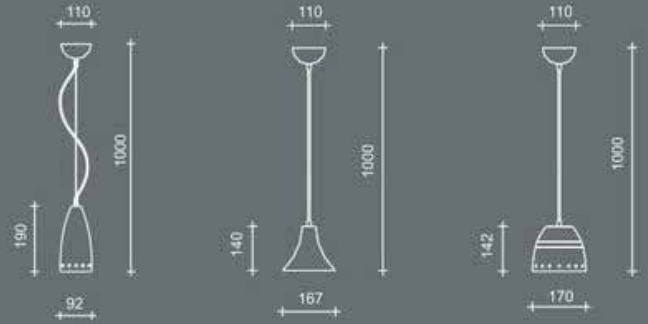
3620.07C

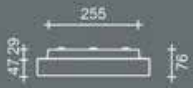


MINİ METAL SARKITLAR  
Mini Metal Pendants

	1x60W	A60	E27
	1x40W	R50	E14
	220V		
	ALÜMİNYUM / Aluminium		
	07	20	
	PARLAK ELOKSAL Anodized	MAT GRİ Mat Grey	

IP20





4811.20

4810.20

BOMBELİ VE DÜZ CAMLI TAVAN LAMBASI / MAT GRİ  
Ceiling Lamp with Glass / Mat Gray

	1x60W	A60	E27
	2x18W	TC-D	G24d-2 (+)
	220V		

ALÜMİNYUM / Aluminium

15	20	21
BEYAZ White	MAT GRİ Mat Gray	Bİ Beige

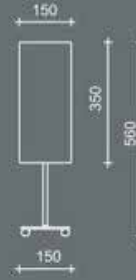
CAM/ Glass

31
BULBARKA Satin Glass

IP20



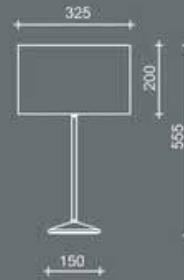
İstanbul Bilgi Üniversitesi - Dolapdere Kampüsü



7705.89K01

SİLİNDİR MASA LAMBASI / BEYAZ PVC- KROM  
Cylinder Desk Lamp / White PVC - Chrome

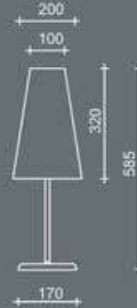
	1x60W	A60	E27
	220V		
ABAJUR KAĞIDI / Lampshade Paper			
	89	54	60
BEYAZ PVC White PVC	BEYAZ ELİYAF White Flax	DELİKLİ ALÜ. Perforated Al.	
PİRİNÇ / Brass			
KROM Chrome	MAT KROM Mat Chrome	MAT GRİ Mat Gray	
IP20			



7754.60V05 MEKİK MASA

MEKİK MASA LAMBASI / DELİKLİ ALÜ. - MAT KROM  
Mekik Desk Lamp / Perfore Alü. Mat Chrome

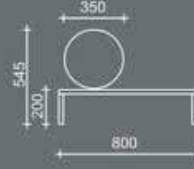
	1x60W	A60	E27
	220V		
ABAJUR KAĞIDI / Lampshade Paper			
	60	62	89
DELİKLİ ALÜ. Perforated Alü.	CEBİKTİL Snork Web	BEYAZ PVC White PVC	
PİRİNÇ / Brass			
KROM Chrome	MAT KROM Mat Chrome	MAT GRİ Mat Gray	
IP20			



7775.59D06

KONİK MASA LAMBASI / KIRÇILLI BEYAZ - MAT ALTIN  
Cone Desk Lamp / Recycle Paper - Mat Gold

	1x60W	A60	E27
	220V		
ABAJUR KAĞIDI / Lampshade Paper			
	59	90	
KIRÇILLI BEYAZ Recycle Paper	LAMİNE SARIL Lamine Yellow		
PİRİNÇ / Brass			
KROM Chrome	MAT KROM Mat Chrome	MAT ALTIN Mat Gold	
IP20			



## 7334.35G70 GLOBE

SEHPALI GLOP LAMBA / BENEKLİ BEYAZ - WENGE  
Globe Desk Lamp / Speckled White - Wenge

TASARIM/Design | ASLI KIYAK İNGİN

1x23W TC-EL E27

220V

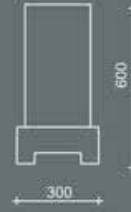
OPAL CAM / Opal Glass



AHŞAP / Wood



IP20



## 7721.32B19 MUM

YER LAMBASI / BEYAZ - GRİ LAKE  
Floor Lamp / White - Gray Lockered

TASARIM/Design | ASLI KIYAK İNGİN

1x75W G95 E27

220V

CAM / Glass



AHŞAP / Wood



IP20



## 7220.32SP01

SPİRAL KOLLU MAŞA LAMBASI / KROM  
Desk Lamp / Chrome

2x20W QT9 G4

12V 50W Elektronik Transformator (+)

CAM / Glass



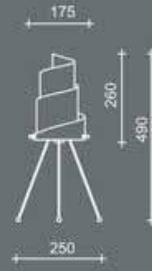
DKP SAC / Steel Sheet



IP20



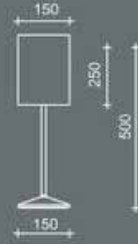




## 7780.62M01

SPIRAL MASA LAMBASI / ÇELİK TÜL - KROM  
Spiral Desk Lamp / Steel Web - Chrome

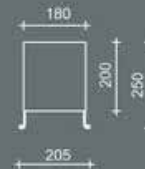
	1x40W	B35	E14	
	220V			
	ABAJUR KAĞIDI / Lampshade paper			
	59	62	89	90
	KIRILLI BEYAZ Recycle Paper	ÇELİK TÜL Steel Web	BEYAZ PVC White Pvc	LAMBE SARİ Lamine Yellow
	PİRİNÇ / Brass			
	01			
	KROM Chrome			
IP20				



## 7732.60V05

DIKDÖRTGEN MASA LAMBASI / DELİKLİ ALÜ.  
Square Desk Lamp / Perforated Alu.

	1x60W	A60	E27	
	220V			
	ABAJUR KAĞIDI / Lampshade paper			
	60	89	90	
	DELİKLİ ALÜ. Perforated Alu.	BEYAZ PVC White Pvc	LAMBE SARİ Lamine Yellow	
	PİRİNÇ / Brass			
	01	05	20	
	KROM Chrome	KUYU KROM Mat Chrome	MAT GRİ Mat Gray	
IP20				



## 7736.89

KÜP

KÜP MASA LAMBASI / BEYAZ PVC - MAT GRİ  
Cube Desk Lamp / White PVC - Mat Gray

	1x60W	A60	E27	
	220V			
	PVC / PVC			
	59	89		
	KIRILLI BEYAZ Recycle Paper	BEYAZ PVC White Pvc		
IP20				



7330.37

YASSI CAMLI MASA LAMBASI / MAVİ - MEŞE  
Glass Desk Lamp / Blue - Oak

1x60W A60 E27

220V

CAM/ Glass



AHŞAP / Wood



PIRİNÇ / Brass



IP20



6335.32

GLOP MASA LAMBASI / BEYAZ CAM - KROM GÖVDE  
Globe Desk Lamp / White Glass - Chrome Body

1x60W A60 E27

220V

CAM/ Glass



PIRİNÇ / Brass



IP20



6355.30D01

ÇİZGİLİ CAMLI MASA LAMBASI / ŞEFFAF  
Desk Lamp with Clear Glass / Transparent

1x40W P45 E14

220V

CAM/ Glass



DKP SAC / Sheet Steel



IP20





## 8712.89R05

SİLİNDİR ŞAPKALI AYAKLI LAMBA/ BEYAZ PVC - MAT KROM  
 Cylinder Stand Lamp / White PVC - Mat Chrome

	1x75W	A60	E27
	220V		

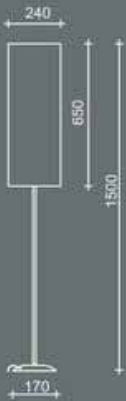
ABAJUR KAĞIDI / Lampshade Paper

60 	62 	89 	90 
DEKÜRALI Perforated Alu	CELİK TÖZ Steel Web	BEYAZ PVC White PVC	LAMİNE SAR Lamine Yellow

PIRİNÇ / Brass

01 	04 	05 	20 
KROM Chrome	MAT NİKEL Mat Nickel	MAT KROM Mat Chrome	MAT GRİ Mat Gray

IP20



## 8720.89G01

SİLİNDİR LAMBA / BEYAZ PVC  
 Cylinder Stand Lamp / White PVC

	1x36W	T26	G13
	220	36W Balast (+)	

ABAJUR KAĞIDI / Lampshade Paper

59 	89 	90 
KIRICALI BEYAZ White PVC	BEYAZ PVC White PVC	LAMİNE SAR Lamine Yellow

IP20





8750.89G01

KARE KOLON LAMBA / BEYAZ PVC  
Square Colon Stand Lamp / White PVC

	1x36W	T26	G13
	220	36W Balast (+)	
	ABAJUR KAĞIDI / Lampshade Paper		
	59	60	89
	KACILI BEYAZ White Recycle	DELIRI ALU Perforated Alu	BEYAZ PVC White PVC

IP20





### 8756.89V20

DAR MEKİK AYAKLI LAMBA / BEYAZ PVC - MAT GRİ  
Narrow Mekik Stand Lamp / White PVC - Mat Gray



1x60W A60 E27



220V

ABAJUR KAĞIDI / Lampshade Paper



60 62 89  
DELİKLİ ALÜ. ÇELİKÜ TUL. BEYAZ PVC  
Perforated Alu. Sheet Web. White PVC

PIRİNÇ / Brass - DKP SAC / Sheet Steel



01 05 20  
KROM MAT KROM MAT GRİ  
Chrome Mat Chrome Mat Gray

IP20



### 8721.39L20

KONSOL CAMLI LAMBA / MAVİ  
Stand Lamp with Glass / Blue



2x60W A60 E27



220V

CAM / Glass



32 36 39  
MAT BEYAZ MAT SAR. KOPU MAVİ  
Mat White Mat Yellow Dark Blue

DKP SAC / Sheet Steel



20  
MAT GRİ  
Mat Gray

IP20





### 8715.92S75

AHŞAP AYAKLI LAMBA / SARI KAĞIT - KOYU CEVİZ  
Wood Stand Lamp / Yellow Paper - Dark Walnut

~	220V	36W	Bolast
💡	2x75W	A60	E27

ABAJUR KAĞIDI / Lampshade Paper

89 90

BEYAZ PVC / White PVC  
LAMİNE SARİ / Laminé Yellow

AHŞAP / Wood

70 75

WEHİR / Wenge  
CEVİZ / Walnut

IP20



### 8745.89K20

KARE ŞAPKALI AYAKLI LAMBA / BEYAZ PVC - MAT GRİ  
Square Stand Lamp / White PVC - Mat Gray

💡	2x75W	A60	E27
~	220V		

ABAJUR KAĞIDI / Lampshade Paper

89 90

BEYAZ PVC / White PVC  
LAMİNE SARİ / Laminé Yellow

DKP SAC / Sheet Steel

20

MAT GRİ / Mat Gray



IP20





## 8725.60M20 LAMBADER

HALOJEN LAMBADER / PERFORE ALÜ. -MAT GRİ  
Halogen Lambader / Perforated Alu. - Mat Gray

↔	1x300W	QT-DE	R7s
~	220V		
	PERFORE ALÜ / Perforated Alu.		
	60		
			
	ALUMINYUM Aluminum		
	DKP SAC / Sheet Steel		
	20		
			
	MAT GRİ Mat Gray		

IP20



## 3713M.54 MULTIPLICITY

ÇOKLU SARKIT / BEYAZ ELYAF  
Multiple Pendant / White Lampshade Paper

TASARIM/Design	ASLI KIYAK İNGİN		
	4x40W	P45	E27
~	220V		
	ABAJUR KAĞIDI / Lampshade Paper		
	54	89	
			
	BEYAZ ELYAF White Paper	BEYAZ PVC White PVC	

IP20





## 4810.20

DÜZ CAMLI APLIK / MAT GRİ  
WallLamp with Flat Glass / Mat Gray

	2x18W	TC-D	G24d-2 (+)
	220V		
	ALÜMİNYUM / Aluminium		
	15	20	21
BEYAZ White	MAT GRİ Mat Gray	BELİ Beige	
	CAM/ Glass		
	31 KİLİMLİ Tempered Glass		

IP20

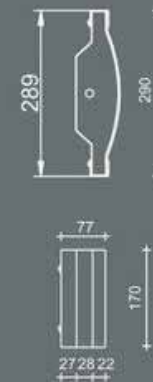


## 4811.20

BOMBELİ CAMLI APLIK / MAT GRİ  
WallLamp with Bended Glass / Mat Gray

	1x60W	A60	E27
	2x18W	TC-D	G24d-2 (+)
	220V		
	ALÜMİNYUM / Aluminium		
	15	20	21
BEYAZ White	MAT GRİ Mat Gray	BELİ Beige	
	CAM/ Glass		
	31 KİLİMLİ Tempered Glass		

IP20



## 6820.99K01

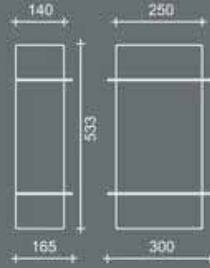
PLEKSİLİ KAPI NUMARASI / KROM  
Door Number / Chrome

	1x10W	TC-D	G24d-2 (+)
	220V		
	AKRİLİK/ Acrylic		
	99		
BEYAZ White			
	DKP Sac / Steel Sheet		
	01	15	
KROM Chrome	BEYAZ White		

IP20







## 6742.90K20

PVC APLİK / Sarı  
WallLamp with PVC / Yellow

2x40W B35 E14

220V

ABAJUR KAĞIDI/ Lampshade Paper

89 90

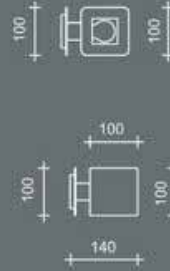
BEYAZ PVC LAMİNE SARİ  
White PVC Lamine Yellow

DKP SAC / Sheet Steel

15 20

BEYAZ MAT GRİ  
White Mat Gray

IP20



## 6730.89K05

PVC APLİK / Beyaz  
WallLamp with PVC / White

1x40W P45 E14

220V

ABAJUR KAĞIDI/ Lampshade Paper

89 90

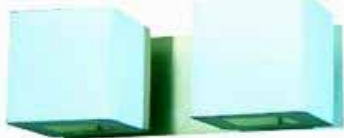
BEYAZ PVC LAMİNE SARİ  
White PVC Lamine Yellow

DKP SAC / Sheet Steel

15 20

BEYAZ MAT GRİ  
White Mat Gray

IP20



## 6730.89K05-2

PVC APLİK / Beyaz  
WallLamp with PVC / White

1x40W P45 E14

220V

ABAJUR KAĞIDI/ Lampshade Paper

89 90

BEYAZ PVC LAMİNE SARİ  
White PVC Lamine Yellow

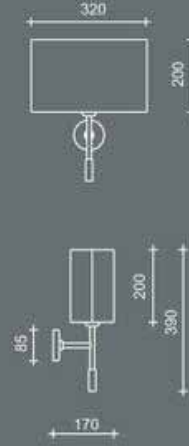
DKP SAC / Sheet Steel

15 20

BEYAZ MAT GRİ  
White Mat Gray

IP20





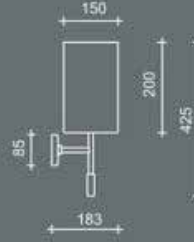
6754.60T01

MEKİK

T KOL MEKİK APLİK / PERFORE ALÜ. - KROM  
T Arm Aplique / Perforated Alu. - Chrome

	1x60W	A60	E27
	220V		
ABAJUR KAĞIDI/ Lampshade Paper			
	60 DELİKLİ ALÜ. Perforated Alu.	62 CEKİKTÜL Steel Web	89 BEYAZ PVC White PVC
PİRİNÇ / Brass			
	01 KROM Chrome	05 MAT KROM Mat Chrome	20 MAT GRİ Mat Gray

IP20

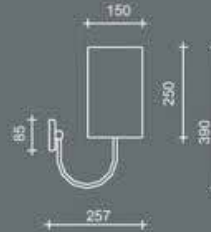


6704.89T01

T KOL SİLİNDİR APLİK / BEYAZ PVC - KROM  
T Arm Cylinder Aplique / White PVC - Chrome

	1x60W	A60	E27	
	220V			
ABAJUR KAĞIDI/ Lampshade Paper				
	60 DELİKLİ ALÜ. Perforated Alu.	62 CEKİKTÜL Steel Web	89 BEYAZ PVC White PVC	90 LAMBE SARİ Lamona Yellow
PİRİNÇ / Brass				
	01 KROM Chrome	05 MAT KROM Mat Chrome	20 MAT GRİ Mat Gray	

IP20



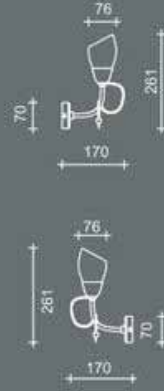
6704.58U04

U KOL APLİK / DELİKLİ ABAJUR KAĞIDI - NİKEL  
U Arm Wall Lamp / Lampshade Paper - Mat Nickel

	1x60W	A60	E27		
	220V				
ABAJUR KAĞIDI/ Lampshade Paper					
	58 DELİKLİ KRAFT YFEL Craft	59 KIRICILI BEYAZ White Beçylic	62 CEKİKTÜL Steel Web	89 BEYAZ PVC White PVC	90 LAMBE SARİ Lamona Yellow
PİRİNÇ / Brass					
	01 KROM Chrome	04 MAT NİKEL Mat Nickel	05 MAT KROM Mat Chrome	20 MAT GRİ Mat Gray	

IP20

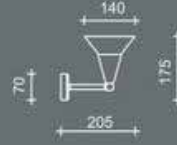




## 6366.32J01

CAMLI APLIK / BEYAZ - KROM  
Wall Lamp with Glass / White - Chrome

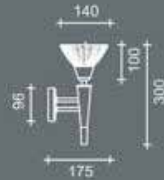
	1x40W	B35	E14	
	220V			
	CAM / Glass			
	32	39		
	MAT BEYAZ Mat White	KOYU MAVI Dark Blue		
	DKP SAC / Sheet Steel			
	01	02	05	06
	KROM Chrome	SARI KROM Yellow	MAT KROM Mat Chrome	MAT ALTIN Mat Gold
IP20				



## 6362.39L20

CAMLI APLIK / MAVI - MAT GRI  
Wall Lamp Glass / Blue - Mat gray

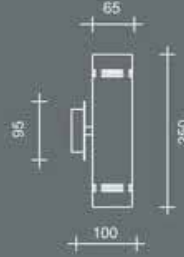
	1x40W	B35	E14
	220V		
	CAM / Glass		
	36	39	
	MAT SARI Yellow	KOYU MAVI Cobalt Blue	
	DKP SAC / Sheet Steel		
	01	05	20
	KROM Chrome	MAT KROM Mat Chrome	MAT GRI Mat Gray
IP20			



## 6365.36A01

AHŞAP APLIK / SARI  
Wall Lamp / Yellow

	1x40W	B35	E14
	220V		
	CAM / Glass		
	31	36	37
	KUMSAMA Slate	MAT SARI Yellow	MAT MAVI Mat Blue
	DKP SAC / Sheet Steel		AHŞAP / Wood
	01	05	75
	KROM Chrome	MAT KROM Mat Chrome	CEVRE Walnut
IP20			



## 6465.05

ENDİREK İKİ YÖNLÜ APLİK / MAT KROM  
Endirect Wall Lamp / Mat Chrome

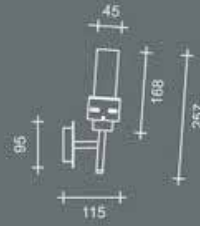
2x50W PAR16 GU10

220V

PIRİNÇ / Brass



IP20



## 6722.32CB05

KÜÇÜK OPAL CAM APLİK / BEYAZ - MAT KROM  
Small Glass Aplique / White - Mat Chrome

1x40W B35 E14

220V

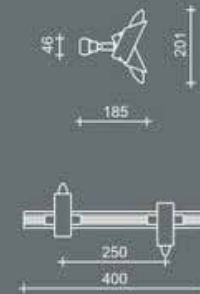
OPAL CAM / Opal Glass



PIRİNÇ / Brass



IP20



## 6461.20R2

İKİ AYARLI APLİK / ALÜMİNYUM  
Adjustable Twin Wall Lamp / Aluminium

2x40W B35 E14

220V

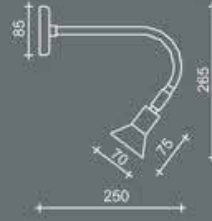
ALÜMİNYUM / Aluminium



IP20







## 6218.05

MINI FAR SPOT / MAT KROM  
Mini Far Spot / Mat Chrome

	1x50W/12V	QR-CB51	GU5,3
	12V	50W/12V Transformatör (-)	
DKP SAC/Sheet Steel			
KROM Chrome	MAT KROM Mat Chrome	MAT GR Mat Gray	

IP20

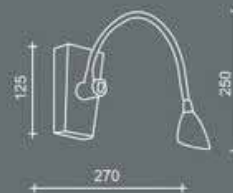


## 6219.05SP

SPİRALLI MINI APLİK / MAT KROM  
Mini Aplique with Spiral / Mat Chrome

	1x50W	PART6	GU10
	220V		
	DKP SAC Sheet Steel		
KROM Chrome	MAT KROM Mat Chrome	MAT GR Mat Gray	

IP20



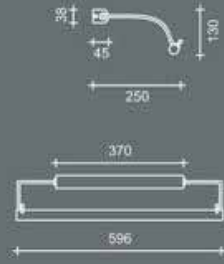
## 6220.05SP

SPİRALLI MINI APLİK / MAT KROM  
Mini Aplique with Spiral / Mat Chrome

	1x20W	QT9	G4
	12V	50W/12V Transformatör (+)	
	DKP SAC Sheet Steel		
KROM Chrome	MAT KROM Mat Chrome	MAT GR Mat Gray	

IP20





6174.01

FLORESANT RESİM AYDINLATMASI / KROM  
Flouresant Picture Lamp / Chrome

	1x11W	FM	W4,3
	220V Elektronik Balast (+)		
	PİRİNÇ / Brass		
	01 KROM Chrome	02 SARI KAP Yellow	05 MAT KROM Mat Chrome

IP20

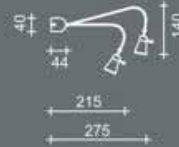


6174.01

HALOJEN RESİM AYDINLATMASI / SARI KAPLAMA  
Halogen Picture Lamp / Gold

	2x20W	QT9	G4	
	12V 50W Elektronik Transformör (+)			
	PİRİNÇ / Brass			
	01 KROM Chrome	02 SARI KAP Yellow	04 MAT NİKEL Mat Nickel	05 MAT KROM Mat Chrome

IP20



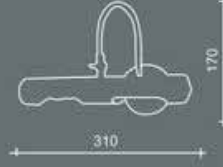
6176.01

İKİLİ RESİM APLİĞİ / KROM KAPLAMA  
Double Picture Lamp / Chrome

	2x20W	QRCB35	GU4	
	220V Elektronik Transformör (+)			
	PİRİNÇ / Brass			
	01 KROM Chrome	02 SARI KAP Yellow	04 MAT NİKEL Mat Nickel	05 MAT KROM Mat Chrome

IP20





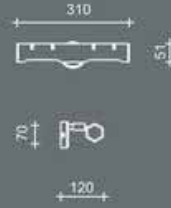
## 6173.02

KLASİK RESİM APIĞI / SARI KAPLAMA  
Classic Picture Lamp / Gold

	2x40W	B35	E14
	220V		
	PİRİNÇ / Brass		
	01	02	05
	KROM Chrome	SARI KAP Yellow	MAT KROM Mat Chrome



IP20



## 6172.09

YATAKBAŞI İKİLİ APLİK / SARI KAPLAMA  
Double Bed Lamp / Gold

	2x40W	B35	E14	
	220V			
	PİRİNÇ / Brass			
	01	02	05	20
	KROM Chrome	SARI KAP Yellow	MAT KROM Mat Chrome	MAT GRİ Mat Gray

IP20



## 6171.09

YATAKBAŞI TEKLİ APLİK / SARI KAPLAMA  
Single Bed Lamp / Gold

	1x40W	B35	E14			
	220V					
	PİRİNÇ / Brass					
	01	02	05	09	15	20
	KROM Chrome	SARI KAP Yellow	MAT KROM Mat Chrome	BRONZ Brass	BEYAZ White	MAT GRİ Mat Gray

IP20



## 1111.20 1112.20

DAİRESEL HALOJEN SPOT / MAT GRİ  
Circular Halogen Downlight / Mat Gray

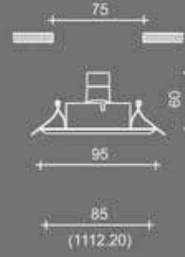
1x50W/12V QR-CB51 GU5,3

12V 50W/12V Transformör (-)

DKP SAC  
Sheet Steel



IP20



## 1131.20

SEGMANLI HALOJEN SPOT / MAT GRİ  
Circular Halogen Downlight / Mat Gray

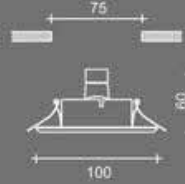
1x50W/12V QR-CB51 GU5,3

12V 50W/12V Transformör (-)

ALÜMİNYUM  
Aluminium



IP20



## 1132.15

SEGMANLI HALOJEN SPOT / BEYAZ  
Circular Halogen Downlight / White

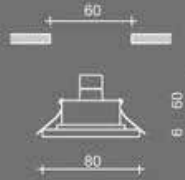
1x50W/12V QR-CB51 GU5,3

12V 50W/12V Transformör (-)

DKP SAC  
Sheet Steel



IP20



## 1121.02 1122.02

DAİRESEL HALOJEN SPOT / SARİ KAPLAMA  
Circular Halogen Downlight / Gold

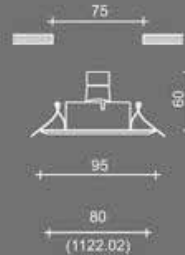
1x50W/12V QR-CB51 GU5,3

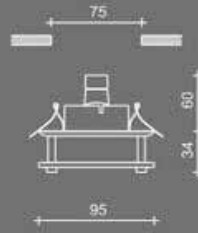
12V 50W/12V Transformör (-)

DKP SAC  
Sheet Steel



IP20

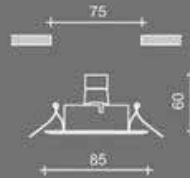




1185.20

PLEKSİLİ HALOJEN SPOT / MAT GRİ  
Circular Spot with Acrylic / Mat Gray

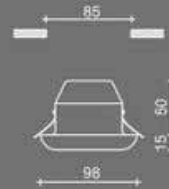
	1x50W/12V	QR-CB51	GU5,3			
	12V	50W/12V Transformatör (-)				
	PLEKSİ, DKP SAC Acrylic, Sheet Steel					
	01 KROM Chrome	02 SABİ KAP Gold	05 MAT KROM Mat Chrome	15 BEYAZ White	17 SİYAH Black	20 MAT GRİ Mat Gray
IP20						



1118.20 1115.20

ALTIGEN HALOJEN SPOT / MAT GRİ  
Hexagonal Halogen Downlight / Mat Gray

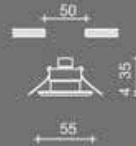
	1x50W/12V	QR-CB51	GU5,3			
	12V	50W/12V Transformatör (-)				
	DKP SAC Sheet Steel					
	01 KROM Chrome	02 SABİ KAP Gold	05 MAT KROM Mat Chrome	15 BEYAZ White	17 SİYAH Black	20 MAT GRİ Mat Gray
IP20						



1165.41

DÜZ HALKA CAM SPOT / MAVİ ASİTLİ CAM  
Ring Glass Spot / Blue Satin Glass

	1x50W/12V	QR-CB51	GU5,3		
	12V	50W/12V Transformatör (-)			
	CAM, DKP SAC Glass, Sheet Steel				
	31 KIRMIZI Red	38 KEMALYE Green	41 KOTU MAVİ Dark Blue	42 SARILIK Yellow	
IP20					



1141.20 1142.20

SABİT HALOJEN SPOT / MAT GRİ  
Circular Downlight / Mat Gray

1142.20		1x50W/12V	QR-CB35	GU4		
1142.20		1x20W/12V	QT9	G4		
	12V	50W/12V Transformatör (-)				
	DKP SAC Sheet Steel					
	01 KROM Chrome	02 SABİ KAP Gold	05 MAT KROM Mat Chrome	15 BEYAZ White	17 SİYAH Black	20 MAT GRİ Mat Gray
IP20						



1135.20

SEGMANLI HALOJEN SPOT / MAT GRİ  
Circular Striped Halogen Downlight / Mat Gray

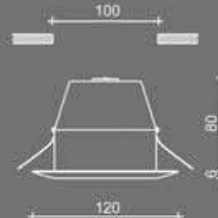
	1x50W/12V	QR-CB51	GU5,3			
	12V	50W/12V Transformatör (-)				
	ALÜMİNYUM Aluminium					
	01 KROM Chrome	02 SARI KAP. Gold	05 MAT KROM Mat Chrome	15 BEYAZ White	17 SIYAH Black	20 MAT GRİ Mat Gray
IP20						



1210.20

KÖRÜKLÜ SPOT / MAT GRİ  
Adjustable Spot / Mat Gray

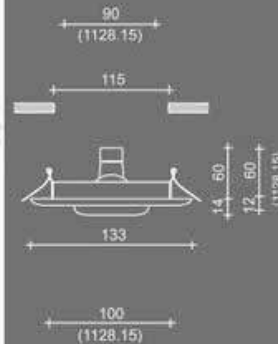
	1x50W/12V	QR-CB51	GU5,3			
	12V	50W/12V Transformatör (-)				
	DKP SAC Sheet Steel					
	01 KROM Chrome	02 SARI KAP. Gold	05 MAT KROM Mat Chrome	15 BEYAZ White	17 SIYAH Black	20 MAT GRİ Mat Gray
IP20			45°			



1145.20

SABIT HALOJEN SPOT / MAT GRİ  
Circular Halogen Downlight / Mat Gray

	1x100W/12V	QT12	GY6,35			
	12V	100W/12V Transformatör (-)				
	DKP SAC; ALÜMİNYUM Sheet Steel, Aluminium					
	01 KROM Chrome	02 SARI KAP. Gold	05 MAT KROM Mat Chrome	15 BEYAZ White	17 SIYAH Black	20 MAT GRİ Mat Gray
IP20						



1127.15 1128.15

DAİRESEL HALOJEN SPOT / BEYAZ  
Circular Halogen Downlight / White

	1x50W/12V	QR-CB51	GU5,3			
	12V	50W/12V Transformatör (-)				
	DKP SAC Sheet Steel					
	01 KROM Chrome	02 SARI KAP. Gold	05 MAT KROM Mat Chrome	15 BEYAZ White	17 SIYAH Black	20 MAT GRİ Mat Gray
IP20			20°			



1218.01

SÜRGÜLÜ FAR SPOT / KROM  
Adjustable Spotlight / Chrome

	1x50W/12V	QR-CB51	GU5,3		
	12V	50W/12V Transformatör (-)			
	DKP SAC Sheet Steel				
	01 KROM Chrome	05 MAT KROM Mat Chrome	15 BEYAZ White	17 SİYAH Black	20 MAT GRİ Mat Gray
IP20					



1219.20

SÜRGÜLÜ FFENER SPOT / MAT GRİ  
Adjustable Spotlight/ Mat Gray

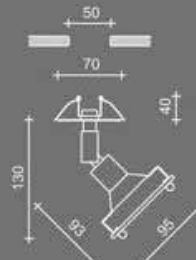
	1x50W/12V	QR-CB51	GU5,3		
	12V	50W/12V Transformatör (-)			
	DKP SAC Sheet Steel				
	01 KROM Chrome	05 MAT KROM Mat Chrome	15 BEYAZ White	17 SİYAH Black	20 MAT GRİ Mat Gray
IP20					



1215.01

SÜRGÜLÜ KÜÇÜK SİLİNDİR S. / KROM  
Adjustable Spotlight/ Chrome

	1x50W/12V	QR-CB51	GU5,3		
	12V	50W/12V Transformatör (-)			
	DKP SAC Sheet Steel				
	01 KROM Chrome	05 MAT KROM Mat Chrome	15 BEYAZ White	17 SİYAH Black	20 MAT GRİ Mat Gray
IP20					



1187.20

MAFSALLI PLEKSİLİ HALOJEN SPOT / MAT GRİ  
Adjustable Spot with Acrylic / Mat Gray

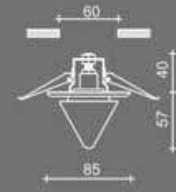
	1x50W/12V	QR-CB51	GU3,3			
	12V	50W/12V Transformatör (-)				
	PLEKSİ, DKP SAC Acrylic, Sheet Steel					
	01 KROM Chrome	02 SARILGİN Gold	05 MAT KROM Mat Chrome	15 BEYAZ White	17 SİYAH Black	20 MAT GRİ Mat Gray
IP20						



### 1171.31

KADEMELİ KARE CAM S. / AŞİTLİ CAM  
Square Glass Spot / Satin Glass

	1x50W/12V	QR-CB51	GU5,3
	12V	50W/12V Transformör (-)	
	CAM, DKP SAC Glass, Sheet Steel		
	KUMALAMA Foggy	KÜMÜLTESİZ Green	KOYU MAVİ Dark Blue
			SOMON Sage
IP20			



### 1161.31

KONİK CAM SPOT / AŞİTLİ MAT CAM  
Conical Glass Spot / Satin Glass

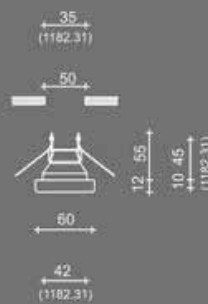
	1x50W/12V	QT9	G4
	12V	50W/12V Transformör (-)	
	CAM, DKP SAC Glass, Sheet Steel		
	KUMALAMA Foggy		
IP20			



### 1166.38

KADEMELİ HALKA CAM S. / YEŞİL AŞİTLİ CAM  
Ring Glass Spot / Green Satin Glass

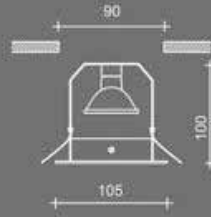
	1x50W/12V	QR-CB51	GU5,3
	12V	50W/12V Transformör (-)	
	CAM, DKP SAC Glass, Sheet Steel		
	KUMALAMA Foggy	KÜMÜLTESİZ Green	KOYU MAVİ Dark Blue
			SOMON Sage
IP20			



### 1181.41 1182.31

MAKARA CAM SPOT / MAVİ AŞİTLİ CAM  
Medium Ring Glass Spot / Satin Glass

	1x20W/12V	QT9	G4
	12V	50W/12V Transformör (-)	
	CAM, DKP SAC Glass, Sheet Steel		
	KUMALAMA Foggy	KÜMÜLTESİZ Green	KOYU MAVİ Dark Blue
			SOMON Sage
IP20			



## 1252.05

KARE GÖMME SPOT / MAT KROM  
Square Spot / Mat Chrome

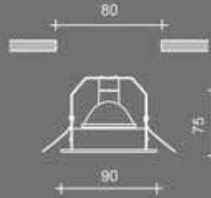
1x50W/12V QRCB51 GU5,3

12V 50W/12V Transformator (-)

DKP SAC  
Sheet Steel



IP20



## 1251.05

KARE GÖMME SPOT / MAT GRI  
Square Spot / Mat Gray

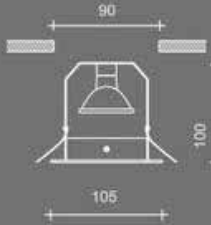
1x50W/12V QRCB51 GU5,3

12V 50W/12V Transformator (-)

DKP SAC  
Sheet Steel



IP20



## 1254.05

DAIRESEL GÖMME SPOT / MAT GRI  
Round Spot / Mat Gray

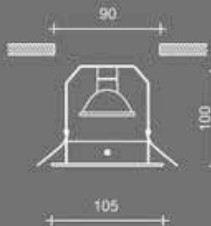
1x50W/12V QRCB51 GU5,3

12V 50W/12V Transformator (-)

DKP SAC  
Sheet Steel



IP20



## 1257.20

DAIRESEL GÖMME SPOT / MAT GRI  
Round Spot / Mat Gray

1x50W/12V QRCB51 GU5,3

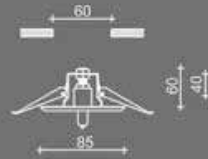
12V 50W/12V Transformator (-)

DKP SAC  
Sheet Steel



IP20



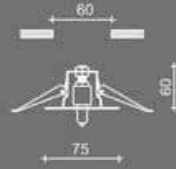


1231.20 1242.20

DAİRE NOKTA SPOT / MAT GRİ  
Circular Starlight / Mat Gray

(1231.20)	1x50W/12V	QT12	GY6,35			
(1242.20)	1x20W/12V	QT9	G4			
~	12V	50W/12V Transformör (-)				
	DKP SAC Sheet Steel					
	01	02	05	15	17	20
	KROM Chrome	SAR KAP Gold	MAT KROM Mat Chrome	BEYAZ White	SİYAH Black	MAT GRİ Mat Gray

IP20



1235.20 1236.20

KARE NOKTA SPOT / MAT GRİ  
Square Starlight / Mat Gray

	1x50W/12V	QT12	GY6,35			
~	12V	50W/12V Transformör (-)				
	DKP SAC Sheet Steel					
	01	02	05	15	17	20
	KROM Chrome	SAR KAP Gold	MAT KROM Mat Chrome	BEYAZ White	SİYAH Black	MAT GRİ Mat Gray

IP20

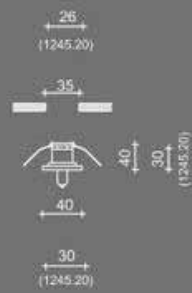


1247.20

KADEMELİ YILDIZ SPOT / SARI KAPLAMA  
Brass Starlight / Gold

	1x20W/12V	QT9	G4	
~	12V	50W/12V Transformör (-)		
	PİRİNÇ Brass			
	01	02	05	15
	KROM Chrome	SAR KAP Gold	MAT KROM Mat Chrome	BEYAZ White

IP20



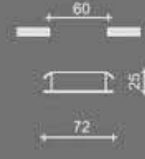
1246.01 1245.20

BÜYÜK YILDIZ SPOT / MAT NİKEL  
Brass Starlight / Mat Nickel

	1x20W/12V	QT9	G4	
~	12V	50W/12V Transformör (-)		
	PİRİNÇ Brass			
	01	02	05	15
	KROM Chrome	SAR KAP Gold	MAT KROM Mat Chrome	BEYAZ White

IP20

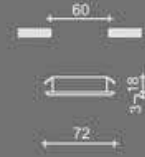




## 1201.20

DÜZ MOBİL SPOT / MAT GRİ  
Flat Furniture Spot / Mat Gray

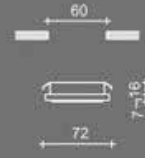
	1x20W/12V	QT9	G4			
	12V	50W/12V Transformör (-)				
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium					
	01	02	05	15	17	20
	KROM Chrome	SARI KAP Gold	MAT KROM Mat Chrome	BEYAZ White	SIYAH Black	MAT GRİ Mat Gray
IP20						



## 1202.05

KADEMELİ MOBİL SPOT / MAT NİKEL KAPLAMA  
Furniture Spot / Mat Nickel

	1x20W/12V	QT9	G4			
	12V	50W/12V Transformör (-)				
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium					
	01	02	05	15	17	20
	KROM Chrome	SARI KAP Gold	MAT KROM Mat Chrome	BEYAZ White	SIYAH Black	MAT GRİ Mat Gray
IP20						



## 1205.20

CAMLI MOBİL SPOT / MAT GRİ  
Furniture Spot with Glass / Mat Gray

	1x20W/12V	QT9	G4
	12V	50W/12V Transformör (-)	
	DKP SAC, ALÜMİNYUM, CAM Sheet Steel, Aluminium, Glass		
	01	07	15
	KROM Chrome	YILDIZAL Aurora	BEYAZ White
IP20			

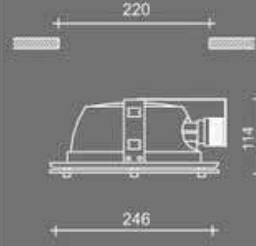


## 1241.02 1242.20

BOMBELİ NOKTA SPOT / SARI KAPLAMA  
Circular Starlight / Gold

	1x20W/12V	QT9	G4			
	12V	50W/12V Transformör (-)				
	DKP SAC Sheet Steel					
	01	02	05	15	17	20
	KROM Chrome	SARI KAP Gold	MAT KROM Mat Chrome	BEYAZ White	SIYAH Black	MAT GRİ Mat Gray
IP20						



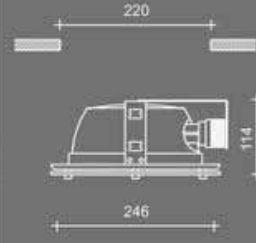


### 1318.15

DIŞTAN CAMLI DOWNLIGHT / BEYAZ  
Downlight with Glass / White

	2x26W	TC-D	G24d-3
	220V	2x26W Balast	(-)
	DKP SAC, ALÜMİNYUM / CAM Sheet Steel, Aluminium / Glass		
	01 KROM Chrome	15 BEYAZ White	20 MAT GRİ Mat Gray

IP20

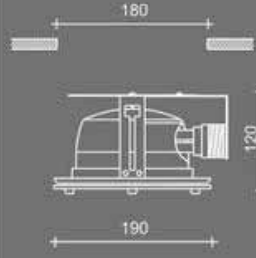


### 1317.15

DOWNLIGHT / BEYAZ  
Downlight / White

	2x26W	TC-D	G24d-3
	220V	2x26W Balast	(-)
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	01 KROM Chrome	15 BEYAZ White	20 MAT GRİ Mat Gray

IP20

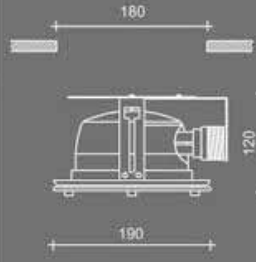


### 1316.15

DIŞTAN CAMLI DOWNLIGHT / BEYAZ  
Downlight with Glass / White

	2x18W	TC-D	G24d-2
	220V	2x18W Balast	(-)
	DKP SAC, ALÜMİNYUM / CAM Sheet Steel, Aluminium / Glass		
	01 KROM Chrome	15 BEYAZ White	20 MAT GRİ Mat Gray

IP20



### 1315.15

DOWNLIGHT / BEYAZ  
Downlight / White

	2x18W	TC-D	G24d-2
	220V	2x18W Balast	(-)
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	01 KROM Chrome	15 BEYAZ White	20 MAT GRİ Mat Gray

IP20





### 1313.15

DOWNLIGHT / BEYAZ  
Downlight / White

	1x26W	TC-D	G24d-3 / (E27)
	220V	26W Balast	(-)
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
<small>KROM Chrome</small>	<small>BEYAZ White</small>	<small>MAT GRİ Mat Gray</small>	

IP20



### 1311.15

DOWNLIGHT / BEYAZ  
Downlight / White

	1x18W	TC-D	G24d-2 / (E27)
	220V	18W Balast	(-)
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
<small>KROM Chrome</small>	<small>BEYAZ White</small>	<small>MAT GRİ Mat Gray</small>	

IP20



### 1305.15

DOWNLIGHT / BEYAZ  
Downlight / White

	1x13W	TC-D	G24d-1 / (E27)
	220V	13W Balast	(-)
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
<small>KROM Chrome</small>	<small>BEYAZ White</small>	<small>MAT GRİ Mat Gray</small>	

IP20

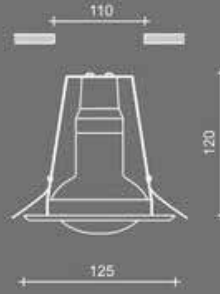


### 1303.15

DOWNLIGHT / BEYAZ  
Downlight / White

	1x10W	TC-D	G24d-1 / (E27)
	220V	10W Balast	(-)
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
<small>KROM Chrome</small>	<small>BEYAZ White</small>	<small>MAT GRİ Mat Gray</small>	

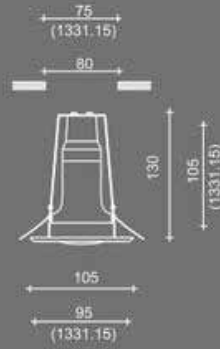
IP20



### 1335.01

R80 SPOT / KROM  
R80 Downlight / Chrome

	1x75W	R80	E27
	220V		
	DKP SAC Sheet Steel		
	01 KROM Chrome 02 SARI KAM Gold 05 MAT KROM Mat Chrome 15 BEYAZ White 17 SIYAH Black 20 MAT GRİ Mat Gray		
IP20			



### 1333.15 1331.15

R63 SPOT / BEYAZ  
R63 Downlight / White

	1x60W	R63	E27
	1x40W	R50	E14
	220V		
	DKP SAC / Sheet Steel		
	01 KROM Chrome 02 SARI KAM Gold 05 MAT KROM Mat Chrome 15 BEYAZ White 17 SIYAH Black 20 MAT GRİ Mat Gray		
IP20			



### 1341.20

R50 PLÜTON - ARKADAN MONTAJ / MAT GRİ  
R50 Downlight / Mat Gray

	1x40W	R50	E14
	220V		
	DKP SAC Sheet Steel		
	01 KROM Chrome 02 SARI KAM Gold 05 MAT KROM Mat Chrome 15 BEYAZ White 17 SIYAH Black 20 MAT GRİ Mat Gray		
IP20			



### 1371.15 1372.15

HOPARLÖR KASASI  
Sound Kabin

	DKP SAC Sheet Steel		
	15 BEYAZ White 17 SIYAH Black 20 MAT GRİ Mat Gray		



5218.20 5106.20

MINI FAR SPOT / MAT GRİ  
Mini Far Spot / Mat Gray

	1x50W/12	QR-CB51	GU5,3
	12V	50-300W/12V Transformör (-)	
	DKP SAC Sheet Steel		
	01	05	20
	KROM Chrome	MAT KROM Mat Chrome	MAT GRİ Mat Gray
IP20			



4281

4283

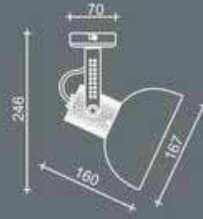
4282

4280

GERGI SİSTEM / KROM  
Wire System / Chrome

	50W/12V	QR-CB51
	12V	50-300W/12V Transformör (-)
	ÇELİK Steel	BAKIR TEL Copper Wire
	01	
		KALAY KAPLAMA
IP20		





## 2453.20

PROFILLI SPOT / MAT GRI  
Spotlight with Profile / Mat Gray

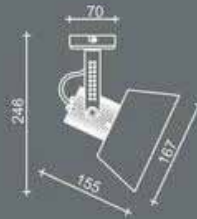
1x60W G95 E27

220V

DKP SAC, ALÜMİNYUM  
Sheet Steel, Aluminium



IP20



## 2452.20

PROFILLI SPOT / MAT GRI  
Spotlight with Profile / Mat Gray

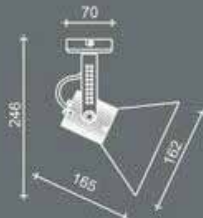
1x60W G95 E27

220V

DKP SAC, ALÜMİNYUM  
Sheet Steel, Aluminium



IP20



## 2454.20

PROFILLI SPOT / MAT GRI  
Spotlight with Profile / Mat Gray

1x60W A60 E27

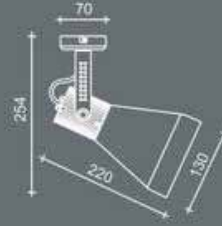
220V

DKP SAC, ALÜMİNYUM  
Sheet Steel, Aluminium



IP20



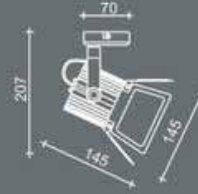


## 2451.20

PROFİLLİ SPOT / MAT GRİ  
Spotlight with Profile / Mat Gray

	1x75W	A60	E27
	1x23W	TC-EL	E27
	220V		
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	15	17	20
	BEYAZ White	SIYAH Black	MAT GRİ Mat Gray

IP20



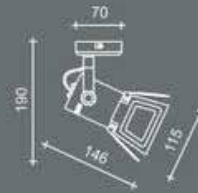
## 2132.20

BÜYÜK KELEBEK SPOT / MAT GRİ  
Spotlight with 4 Wings / Mat Gray

	1x75W	A60	E27
	220V		
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	15	17	20
	BEYAZ White	SIYAH Black	MAT GRİ Mat Gray



IP20



## 2131.20

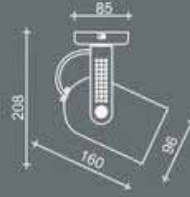
KÜÇÜK KELEBEK SPOT / MAT GRİ  
Spotlight with 4 Wings / Mat Gray

	1x75W	A60	E27
	220V		
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	15	17	20
	BEYAZ White	MAT SIYAH Mat Black	MAT GRİ Mat Gray



IP20

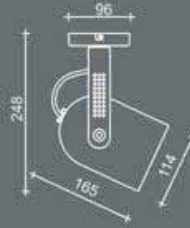




## 2272.20

R80 SPOT / MAT GRİ  
R80 Spotlight / Mat Gray

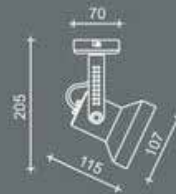
	1x75W	R80	E27
	220V		
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	15	17	20
	BEYAZ White	SİYAH Black	MAT GRİ Mat Gray
IP20			



## 2273.20

PAR30 SPOT / MAT GRİ  
PAR30 Spotlight / Mat Gray

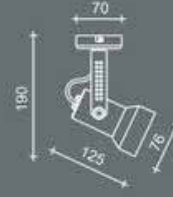
	1x75W	PAR30	E27
	220V		
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	15	17	20
	BEYAZ White	SİYAH Black	MAT GRİ Mat Gray
IP20			



## 2259.20

PAR30 SPOT / MAT GRİ  
PAR30 Spotlight / Mat Gray

	1x75W	PAR30	E27
	220V		
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	15	17	20
	BEYAZ White	SİYAH Black	MAT GRİ Mat Gray
IP20			



## 2253.20

R63 SPOT / MAT GRI  
R63 Spotlight / Mat Gray

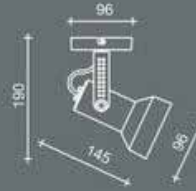
1x60W R63 E27

220V

DKP SAC, ALÜMİNYUM  
Sheet Steel, Aluminium



IP20    



## 2255.20

R80 SPOT / MAT GRI  
R80 Spotlight / Mat Gray

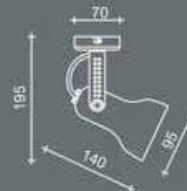
1x75W R80 E27

220V

DKP SAC, ALÜMİNYUM  
Sheet Steel, Aluminium



IP20    



## 2257.20

R80 SPOT / MAT GRI  
R80 Spotlight / Mat Gray

1x75W R80 E27

220V

DKP SAC, ALÜMİNYUM  
Sheet Steel, Aluminium



IP20    





## 2126.20

80'LİK SPOT / MAT GRİ  
Square Spotlight / Mat Gray

1x75W A60 E27

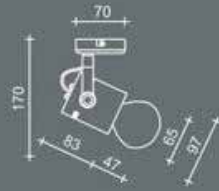
220V

DKP SAC, ALÜMİNYUM  
Sheet Steel, Aluminium

15 17 20  
BEYAZ White SIYAH Black MAT GRİ Mat Gray



IP20



## 2122.20

## 2121.20

60'LİK KÜÇÜK SPOT / MAT GRİ  
Small Spotlight / Mat Gray

1x75W A60 E27

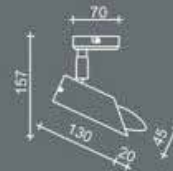
220V

DKP SAC, ALÜMİNYUM  
Sheet Steel, Aluminium

15 17 20  
BEYAZ White SIYAH Black MAT GRİ Mat Gray



IP20



## 2481.20

E14 SPOT / MAT GRİ  
Tiny Spotlight / Mat Gray

1x40W B35 E14

220V

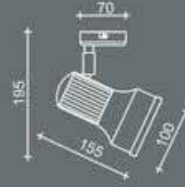
DKP SAC, ALÜMİNYUM  
Sheet Steel, Aluminium

07 15 17 20  
TÜRKİYE Eskişehir BEYAZ White SIYAH Black MAT GRİ Mat Gray



IP20





## 2127.20

FAR SPOT / MAT GRİ  
Far Spotlight / Mat Gray

1x60W R63 E27

220V

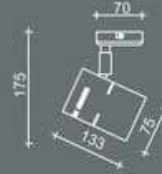


DKP SAC, ALÜMİNYUM  
Sheet Steel, Aluminium

15 17 20  
BEYAZ White SIYAH Black MAT GRİ Mat Gray



IP20



## 2125.20

80'LİK MAFSALLI SİLİNDİR SPOT / MAT GRİ  
Sylinder Spotlight / Mat Gray

1x75W A60 E27

220V

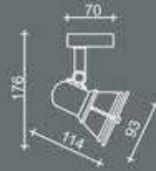


DKP SAC, ALÜMİNYUM  
Sheet Steel, Aluminium

15 17 20  
BEYAZ White SIYAH Black MAT GRİ Mat Gray



IP20



## 2141.15

PLEKSİLİ SPOT / BEYAZ  
Spotlight with Acrylic / White

1x40W R50 E14

220V

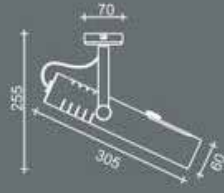


PLEKSİ, DKP SAC  
Acrylic, Sheet Steel

15 17 20  
BEYAZ White SIYAH Black MAT GRİ Mat Gray



IP20

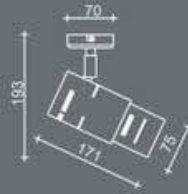


## 2115.20R

TELESKOP SPOT / MAT GRİ  
Long Cylinder Spotlight / Mat Gray

	1x50W/12	QR-CB51	GU5,3
	220V	50W/12V Transformatör (+)	

	ALÜMİNYUM Aluminium			
07	15	17	20	
MILAK ELÇİSAL Anodized	BİLYAZ White	SİYAH Black	MAJ GRİ Mat Gray	

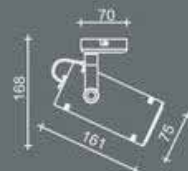


## 2114.20

KADEMELİ BÜYÜK SİLİNDİR HALOJEN SPOT / MAT GRİ  
Big Cylinder Spotlight / Mat Gray

	1x50W/12	QR-CB51	GU5,3
	220V	50W/12V Transformatör (+)	

	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
15	17	20	
BİLYAZ White	SİYAH Black	MAJ GRİ Mat Gray	



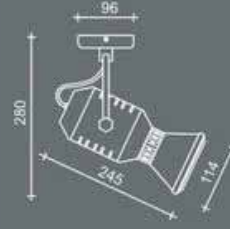
## 2111.17

BÜYÜK SİLİNDİR HALOJEN SPOT / MAT GRİ  
Big Cylinder Spotlight / Mat Gray

	1x50W/12	QR-CB51	GU5,3
	220V	50W/12V Transformatör (+)	

	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
15	17	20	
BİLYAZ White	SİYAH Black	MAJ GRİ Mat Gray	

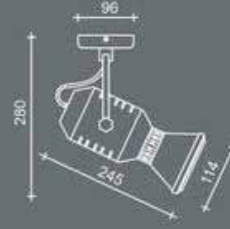




## 2485.20

PROFILLI SPOT / MAT GRI  
Spotlight with Profile / Mat Gray

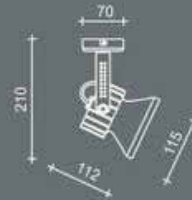
	1x75W/12V	QR111	G53
	220V	50W/12V Transformator (+)	
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	15	17	20
	BEYAZ White	SİYAH Black	MAT GRI Mat Gray
IP20			



## 2486.20

PROFILLI SPOT / MAT GRI  
Spotlight with Profile / Mat Gray

	1x100W/12V	QT12	GY6,35
	220V	50W/12V Transformator (+)	
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	15	17	20
	BEYAZ White	SİYAH Black	MAT GRI Mat Gray
IP20			



## 2472.20

PROFILLI SPOT / MAT GRI  
Spotlight with Profile / Mat Gray

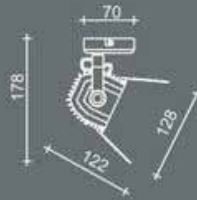
	1x75W	PAR30	E27
	1x50W	PAR20	GU10
	220V		
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	15	17	20
	BEYAZ White	SİYAH Black	MAT GRI Mat Gray
IP20			



## 2165.20

CAMLI ÇUBUK HALOJEN SPOT / MAT GRİ  
Indoor Projector with Glass / Mat Gray

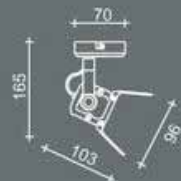
	1x200W	QT-DE	R7s
	220V		
	DKP SAC, ALÜMİNYUM, CAM Sheet Steel, Aluminium, Glass		
	15	17	20
	BEYAZ White	SIYAH Black	MAT GRİ Mat Gray
IP20			



## 2167.20

FİTLİ ÇUBUK HALOJEN SPOT / MAT GRİ  
Indoor Projector / Mat Gray

	1x300W	QT-DE	R7s
	220V		
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	15	17	20
	BEYAZ White	SIYAH Black	MAT GRİ Mat Gray
IP20			



## 2161.20

GENİŞ ÇUBUK HALOJEN SPOT / MAT GRİ  
Indoor Projector / Mat Gray

	1x300W	QT-DE	R7s
	220V		
	DKP SAC, ALÜMİNYUM Sheet Steel, Aluminium		
	15	17	20
	BEYAZ White	SIYAH Black	MAT GRİ Mat Gray
IP20			

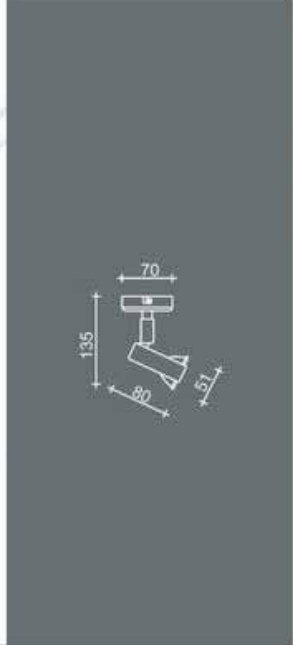


2102.20

2101.20

MINI HALOJEN SPOT / MAT GRI  
Sylinder Spotlight / Mat Gray

	1x50W/12	QR-CB51	GU5,3
	12V	50W/12V Transformator (-)	
	ALÜMİNYUM Aluminium		
	15	17	20
	BEYAZ White	SİYAH Black	MAT GRI Mat Gray
IP20			



2106.20

2107.20

MINI KANATLI HALOJEN SPOT / MAT GRI  
Mini Spotlight / Mat Gray

	1x50W/12	QR-CB51	GU5,3			
	12V	50W/12V Transformator (-)				
	DKP SAC Sheet Steel					
	01	02	05	15	17	20
	KROM Chrome	SARI KROM Gold	MAT KROM Mat Chrome	BEYAZ White	SİYAH Black	MAT GRI Mat Gray
IP20						



5219.05SP

SPIRALLI MINİ SPOT / MAT GRI  
Mini Spot with Spiral / Mat Chrome

	1x50W	PAR16	GU10
	220V		
	DKP SAC Sheet Steel		
	01	05	20
	KROM Chrome	MAT KROM Mat Chrome	MAT GRI Mat Gray
IP20			

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- Midi Otel** Çankaya / Ankara  
**Atlantis Otel** Belek / Antalya  
**Kremlin Palas** Antalya  
**Summa Otel** Moldova  
**Eresin Otel Topkapı** / İstanbul  
**Aldin Otel** Alanya  
**Colossus Apart Otel** Gümbet / Bodrum  
**Duru Apart** Antalya  
**Bilgi Üniversitesi** Dolapdere Kampüsü  
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**Kanat Bayazıt Sanat Galerisi** Teşvikiye / İstanbul  
**Kütahya Porselen** İstanbul  
**Rekor Dokumacılık** Bursa  
**Tarz Tasarım Bilkent, GOP** Ankara  
**Flokser Showroom Maslo, İMÇ,** Hadımköy / İstanbul  
**S Dent Ağız Sağlığı Merkezi Fulya,** Yeşilköy / İstanbul  
**Amerikan Hastanesi** İstanbul  
**Adalar Su Sporları Derneği** İstanbul  
**Adnan Serbet Tasarım** İstanbul  
**Anadolu Et Lokantası** Mudanya /Bursa  
**Me-Bar** Bodrum/Muğla  
**Gloria Jeans Café** Bebek, Levent,  
Nişantaşı, Beyoğlu, Suadiye  
**Mayana Restaurant** İkitelli  
**Mayana Fastfood** İkitelli İstanbul  
**Dreams Café Mayadrom** / Etiler /İstanbul  
**Cafe Italiano** Bakırköy / İstanbul  
**Paprika Cafe** Karşıyaka, Alsancak/ İzmir  
**Bakery Cafe** Suadiye / İstanbul  
**Marmara Café** Kadıköy / İstanbul  
**Sırmalı Pastanesi** Suadiye / İstanbul  
**CoolBeans Cafe** Fenerbahçe / İstanbul



Midi Otel Çankaya / Ankara



Medina-Tugrul Levent / İstanbul



Tarabya Konakları Tarabya / İstanbul



## TEMEL AYDINLATMA TERİMLERİ

**Işık:** Işık, insan gözünde panlrlı bir duyum uyandıran, yani görülebilen, elektromanyetik ışının adıdır. Bir insanın gözü, dalga boyu aralığı 380 ile 780 nanometre arasındaki elektromanyetik ışınları görebilir.

**Işık Akısı (F):** Işık Akısı, ışık kaynağından her yönde yayılan ve tayfsal göz hassasiyeti ile değerlendirilen ışığın güç olarak adlandırılır. Lümen (lm) ile ölçülendirir.

**Işık Şiddeti (I):** Belli bir yönde yayılan ışığın yoğunluğu, ışık şiddeti olarak adlandırılır. Işık şiddeti armatüre veya lambanın reflektörüne bağlı olarak oda içersine yayılır. Birimi Candela (cd) 'dir.

**Aydınlık Düzeyi (E):** Lüks (lx) ile ölçülendirir. Aydınlık şiddeti E, düşen ışık alının aydınlatılacak yüzeye olan oranını bildirir. Aydınlık şiddeti, 1lm değerindeki ışık akısının 1m<sup>2</sup> yüzeye eşit yayılmış şekilde düştüğü durumda 1 lx değerindedir.

**Işık sal Parıltı (L):** Bir ışık kaynağının veya aydınlatılan bir yüzeyin gözün algıladığı aydınlıkta yoğunluğudur. Birimi her m<sup>2</sup> için Candela (cd/m<sup>2</sup>) 'dir.

**Kamaşma (G):** Kamaşma, bir ışık kaynağının veya başka bir yüzeyin, parıltı olarak tanımlanan cd/m değerinin aşın derecede yüksek olmasından kaynaklanır. Işgın parlak yüzeylerden yansıtılmasıyla da kamaşma (göz tarafından algılanan rahatsız edici ışınlar) oluşabilir.

**Işık sal Verim (n):** Işık sal verim lambanın ekonomikliğı ile değerlendirilir. Işık sal verim, kullanılan elektrik gücünün, hangi ekonomik düzeyde ışığa dönüştüğünü bildirir. Birimi her Watt için Lümen(lm/W) 'tır.

**Işık Rengi:** Işık rengi lambanın yaydığı ışığın rengidir. Işık rengi, renk sıcaklığı baz alınarak ile tarif edilmektedir. Kelvin derecesi (K) ile ölçülendirir.

- Sıcak Beyaz (ww) < 3.300 K
- Doğal Beyaz (rw) 3.300K - 5.000K
- Günlük beyaz (dw) > 5.000K

Aynı ışık rengine sahip lambalar farklı renksel geriverime sahip olabilirler. Gün ışığı beyazı rengi 1.000 lux'ün üzerinde aydınlık seviyelerinde kullanılır. Düşük seviyedeki gün ışığı beyazı ışık soluk ve monoton bir ortam oluşturur.

**Renksel Geriverim:** Yapay ışığın, renk algılamasını gün ışığına kıyasla ne kadar hassas gerçekleştirdiğini belirtir. Renksel geriverim özellikleri "Renksel Geriverim Endeksinde" Ra olarak ifade edilir. Ra= 100 değerine sahip ışık kaynağı tüm renkleri referans ışık kaynağı altındaki gibi optimal gösterir. kir. Veya Ra değeri azaldıkça renklerin doğru yansıtılmasında azalacaktır.

**Lamba:** Yapay Işık Kaynağı

**Transformatör:** Transformatörler 230V giriş (primer) gerilimini 6, 12 veya 24V'a (sekonder) dönüştürür. Düşük voltajlı lambalar transformatörlerle çalıştırılmaz. İki seçenek vardır; konvansiyonel balast veya elektronik balast. Elektronik transformatörler daha küçük, daha az yer kaplar, daha çok ışık verir, daha sessizdir ve daha az enerji harcar.

**Balast:** Deşarjlı lambalar, floresan lambalar balastla çalıştırılmazdır. Ateşmeden sonra lamba içindeki gazda veya metal buharında kuvvetli bir iyonlaşma olur. Bu iyonlaşma lamba içersinden geçen akımın yükselmesine neden olur. Yüksekten akım lambayı kısa bir zamanda bozar. Bu akımı sınırlamak için balast kullanılır. 3 tipi vardır: Konvansiyonel balast (KVG), düşük kayıplı balast (VVG) ve elektronik balast (EB).

**Ateşleyici:** Metal halide lambalar ve yüksek basınçlı sodyum buharlı lambalar için ateşleyici kullanılması gereklidir.

**Armatür:** Lambayı çalıştırmak ve lambanın monte edilmesi için gerekli bütün parçaları içeren elektrikli ışık aygıtı. Armatürler lambayı korur ve kamaşmayı önler.

## BASIC LIGHTING TERMS

**Light:** Light is the name of the wavelengths of the electromagnetic rays which sense gloom in the human eye. The wavelengths of the electromagnetic rays in the visible spectrum range from 380 to 780 nanometres perceived by the human eye

**Luminous Flux (F):** Luminous flux is the rate at which light is emitted by a lamp. It describes the visible light radiating from a light source in all directions and is measured in lumen (lm).

**Luminous Intensity (I):** Luminous intensity is the amount of luminous flux radiating in a particular direction. The way luminous intensity is distributed in the room defines the shape of the beam of a luminaire or reflector lamp. Luminous intensity is measured in candelas (cd).

**Illuminance (E):** Illuminance is measured in lux (lx) and indicates the amount of luminous flux from a light source falling on a given surface. Illuminance is 1 lux when an area of 1 square metre is uniformly illuminated by 1 lumen luminous flux.

**Luminance (L):** Luminance is the brightness of a luminous or illuminated surface as perceived by the human eye. It is measured in candelas per unit area (cd/m<sup>2</sup>).

**Glare (G):** Glare can be caused directly by luminaires or other surfaces with excessively high luminance. It can also be caused indirectly by light reflecting from shiny surfaces.

**Luminous Efficacy (n):** Luminous efficacy is the measure of a lamp's efficiency. It indicates how many lumens (lm) per watt a lamp generates. The higher the ratio of lumens to watts, the more light a lamp produces from the electricity it consumes.

**Light Colour:** Light colour describes the colour appearance of a lamp's light. Light colours are based on colour temperature expressed in degrees Kelvin (K)

warm white (ww) < 3.300 K

neutral white (rw) 3.300 K - 5.000 K

daylight white (dw) > 5.000 K

Lamps with the same light colour can have different colour rendering properties. Daylight white light is only suitable for interiors where illuminance exceeds 1.000 lux; where illuminance is lower, daylight white light makes the surroundings look pale and monotonous.

**Colour Rendering Property:** The colour rendering property of a lamp indicates the effect its light has on the appearance of coloured objects. This is rated by reference to the Ra index, which indicates how natural colours appear under a lamp's light. The colour rendering index is based on eight frequently found test colours. Ra = 100 is the best rating; the lower the index value the poorer the colour rendering

**Lamp:** Artificial light source.

**Transformer:** Transformers reduce 230V line voltage (primary side) to 6, 12 or 24 volts (secondary side). Low-voltage lamps need to be operated transformers. There are two choices; conventional transformers or electronic transformers. Electronic transformers are smaller, more compact, lighter, quieter, and they consume less electricity.

**Ballast:** Discharge lamps, fluorescent lamps need to be operated with a ballast. Ballast is used to limit the lamp current. There are 3 types: Conventional ballasts, low-loss ballasts and electronic ballasts.

**Igniter:** Metal Halide Lamps and high-pressure sodium vapour lamps require igniters

**Luminaire:** Electric light fitting, including all the components needed to mount and operate the lamp. Luminaires protect lamps, their light and prevent them causing glare.

## AYDINLIK SEVİYELERİ / ILLUMINANCE LEVELS

### Ofisler/ Offices

Genel Ofis Alanları/ General offices	500 Lux
Açık Ofisler/ Open-plan offices	750 Lux
Çizim Yapılan Ofisler/ Drawing offices	1000 Lux
Bekleme Salonları/ Waiting rooms	200 Lux
Bilgi İşlem Merkezleri/ Computer work station	300 Lux

### Alışveriş Merkezleri/ Shopping Centers

Self servis mağazaları ve showrooms/ Self-service shops and showrooms	500 Lux
Mağazalar (Genel)/ Shops (General)	300 Lux
Süpermarketler/ Supermarkets	750 Lux

### Kültür Yapıları / Cultural Buildings

Genel/ General	100 Lux
Fuayef/ Foyer	200 Lux

### Müzeler ve Sanat galerileri/ Museums and art galleries

Işığa duyarlı olmayan nesnelerin sergilenmesi/ Exhibits insensitive to light	300 Lux
Işığa duyarlı nesnelerin teşhiri/ Light-sensitive exhibits	150 Lux

### Eğitim/ Education

Sınıflar/ Classrooms	500 Lux
Konferans Salonları/ Lecture Halls	300 Lux
Laboratuvarlar/ Laboratories	500 Lux
Kütüphaneler/ Libraries	500 Lux

### Konutlar, oteller, restoranlar/ Residences, hotels, restaurants

Yatak odaları (Genel)/ Bedrooms (General)	50 Lux
Yatakbası/ Bed-head	200 Lux
Banyolar (Genel)/ Bathrooms (General)	100 Lux
Banyolar (Ayna Önü)/ Bathrooms (Saving, make-up)	500 Lux
Oturma odaları (Genel)/ Living rooms (General)	100 Lux
Oturma odaları (Okuma)/ Living rooms (Reading)	500 Lux
Merdivenler/ Stairs	100 Lux
Mutfoklar (Genel)/ Kitchens (General)	300 Lux
Mutfoklar (Tezgah üstü)/ Kitchens (Working areas)	500 Lux

### Hastaneler/ Hospitals

Gece/ Night	50 Lux
Gündüz/ Daytime	200 Lux
Muayene odaları/ Treatment rooms	500 Lux
Personel odaları/ Staff rooms	100 Lux
Laboratuvarlar/ Laboratories	500 Lux

### Endüstriyel Alanlar / Industrial areas

Tekstil atölyeleri/ Textile workshops	750 Lux
Test ve kontrol noktaları/ Testing and inspection positions	750 Lux
Dikiş atölyeleri/ Sewing workshops	750 Lux
Deri atölyeleri/ Leather workshops	500 Lux
Mobilya atölyeleri/ Furniture workshops	300 Lux
Metal işleme atölyeleri/ Processing of metal sheets	300 Lux

# KATALOG KULLANIM ŞEMASI/HOW TO USE

Ürün Ölçüleri  
Dimensions

Ürün Kodu ve İsmi  
Product Name

Ürün Tanımı  
Product Definition

Lamba Bilgileri/Lamp Type Details

Lamba Sembolü / Lamp Symbol  
Lamba Adedi / Lamp Piece(s)  
Güç / Wattage  
Lamba Tipi / Lamp Type  
Duy / Socket

Enerji/Energy

Armatür Giriş Gerilimi /  
Luminaire Connection Voltage

220V'a bağlanması için gerekli  
Transformatör Veya Balast /  
Needed Transformer Or Ballast  
to connect to 220V

Başlık Rengi  
Head Material and Colors

Gövde Malzemesi ve Rengi  
Body Material and Colors

Kullanım Yeri  
Fitting Area

Yönlendirme/Adjustment  
Vertical Adjust  
Horizontal Adjust

Koruma Sınıfı  
Protection Class

Fiziksel Koruma Değeri  
Ingress Protection

Takım Adı  
Family Name

Takım Detayları  
Product Details

**HALKA**  
KROM HALKALI OPAL CAM TAKIM  
Opal Glass Series With Chrome Ring

TASARIM / Design ÇELİK DİZAYN- HAKAN KIRAN MİMARLIK

1x100W	G95	E27
1x40W	B35	E14

220V

ÇELİK / Steel ALÜMİNYUM / Aluminium

01 KROM Chrome	08 MAT BRONZ Mat Bronze
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OPAL CAM / Opal Glass

32  
MAT BRONZ  
Mat Bronze

IP20

Technical drawing showing dimensions: 95, 1000, 114, 130, 130, 130, 278, 278, 1000, 278.

Close-up images of the lamp assembly components, showing the chrome ring and the opal glass shade.

Ortak Malzeme Bilgisi İçin  
Sembol Ürün Çizimi  
Symbol of General Technical  
Description

Ortak Teknik Açıklamalar  
General Technical Description

Ürün Ölçüleri  
Dimensions



**LAMBA BİLGİLERİ / LAMP DATAS**

	TİP/Type	Ömür/Life	F / l	Color	Ra		TİP/Type	Ömür/Life	F / l	Color	Ra
A60	60W E27	1000 h	730lm	ww	1A	PAR30	75W E27	2000 h	2200 cd	ww	1A
	75W E27	1000 h	960lm	ww	1A		QT-DE 100W R7s	2000 h	1650lm	ww	1A
B35	40W E14	1000 h	400lm	ww	1A	QT-DE	200W R7s	2000 h	3200lm	ww	1A
P45	40W E14	1000 h	400lm	ww	1A		300W R7s	2000 h	5000lm	ww	1A
G95	60W E27	1000 h	890lm	ww	1A	T26	36W G13	8000 h	3350lm	ww/nw/ dw	1A/1B/ 2A/2B/3
R50	40W E14	1000 h	430cd	ww	1A		T26C 22W G10q	8000 h	1350lm	ww/nw	1B/2A/3
R63	60W E27	1000 h	960cd	ww	1A	TC-D	10W G24d-1	8000 h	600lm	ww/nw	1B
R80	75W E27	1000 h	345cd	ww	1A		13W G24d-1	8000 h	900lm	ww/nw	1B
QT12	20W/12V GY6,35	3000 h	320lm	ww	1A	TC-D	18W G24d-2	8000 h	1200lm	ww/nw	1B
QT12	100W/12V GY6,35	3000 h	1800lm	ww	1A		26W G24d-3	8000 h	1800lm	ww/nw	1B
QR-CB35	20W/12V GU4	3000 h	600cd	ww	1A	TC-L	24W 2G11	8000 h	1800lm	ww/nw	1B
QR-CB51	50W/12V GU5,3	3000 h	1800cd	ww	1A		TC-S 11W G23	8000 h	900lm	ww/nw/ dw	1B
PAR16	50W GU10	2000 h	750cd	ww	1A						




**ARMATÜR MALZEMESİ VE RENGİ/ LUMINAIRE METARIALS AND COLORS**

Kaplama Çeşitleri Platings	Boya Renkleri Powder Coating	Abajur Malzemeleri Lampshade Papers	Cam Renkleri Glass Color	Akrilik - PVC Acrylic - PVC
01 Krom Chrome	15 Beyaz White	54 Beyaz Elyaf White Elyaf	30 Şeffaf Clear	70 PP Buzlu Mat ???
02 Sarı Kaplama Gold Plated	17 Mat Siyah Mat Black	58 Delikli Kraft Perforated Gold	31 Kumlama Satin	75 PP Beyaz PP White
04 Mat Nikel Mat Nickel	19 Parlak gri Gray	59 Kırçillı Beyaz Recycle Paper	32 Mat Beyaz Mat White	76 PP Sarı PP Yellow
05 Mat Krom Mat Chrome	20 Mat Gri Mat Gray	60 Delikli Alüminyum Perforated Aluminium	33 Parlak Beyaz Bright White	78 PP Kırmızı PP Kırmızı
06 Mat Altın Mat Gold	18 Füme Smoke -Colored	62 Çelik Tül Steel Web	34 Limon Sarısı Lemon Yellow	97 Şeffaf Akrilik Clear Acrylic
07 Parlak Eloksal Anodized	21 Bej Beige	65 Naturel Hasır Natural Matting	36 Mat Sarı Mat Yellow	98 Sis Akrilik Satin Acrylic
08 Mat Eloksal Mat Anodized		80 Kumaş Çeşitleri Fabrics	37 Mat Mavi Mat Blue	99 Beyaz Akrilik White Acrylic
09 Prınc Brass		85 Siyah PVC White PVC	38 Mat Yeşil Mat Green	Ahşap Wood
		89 Beyaz PVC White PVC	39 Koyu Mavi Dark Blue	
		90 Lamine Sarı Lamine Yellow	46 Benekli Beyaz Speckled White	70 Wenge Wenge
		94 Sierra Sierra	Şeker Cam / Sugar Glass Y45 M45 S45	75 Ceviz Walnut
		96 Sarı PVC Yellow PVC		77 Meşe Oak

## FİZİKSEL KORUMA DEĞERLERİ / (IP) INGRESS PROTECTION

Katı Cisimlere Karşı Koruma Sınıfı <i>Protection Against Foreign bodies and contact</i>	IP		Suya Karşı Koruma Sınıfı <i>Protection Against Water</i>
	X	X	
<b>Korumasız</b> <i>Not Protected</i>	0	0	<b>Korumasız</b> <i>Not Protected</i>
>50mm	1	1	<b>Dikey Gelen Damlaya Karşı Korumalı</b> <i>Vertical Droops</i>
>12mm	2	2	<b>Dikeyle 15° Açılı Gelen Damlaya Karşı Korumalı</b> <i>Droops Up to 15 to Vertical</i>
>2,5mm	3	3	<b>Dikeyle 60° Açılı Gelen Püskürtülen Suya Karşı Korumalı</b> <i>Spray Water Up to 60 to Vertical</i>
>1mm	4	4	<b>Her Yönden Çarpan Suya Karşı Korumalı</b> <i>Splash-Proof In All Directions</i>
<b>Toza Karşı Korumalı</b> <i>Dust-Proof</i>	5	5	<b>Her Yönden Gelen Basınçlı Suya Karşı Korumalı (30kPA)</b> <i>Jetwater-Proof In All Directions (30kPA)</i>
<b>Toz Geçirmez</b> <i>Dust-Tight</i>	6	6	<b>Her Yönden Gelen Basınçlı Suya Karşı Korumalı (100kPA)</b> <i>Jetwater-Proof In All Directions (100kPA)</i>
		7	<b>Su Geçirmez (Suya Daldırılabilir)</b> <i>Water-Proof (Immersible)</i>
		8	<b>Su Geçirmez (Su Altında Kullanılabilir)</b> <i>Water-Proof (Submersible)</i>

## KORUMA SINIFLARI/PROTECTION CLASSES

	SINIF I: Elektrik çarpmasına karşı korumada temel yalıtım dışında, gövdenin topraklama iletkenine bağlanarak ek koruma sağlanan armatürleri belirtir.	<i>Class I: Luminaires for connection to the line-side PE conductor. The symbol is shown at the point of connection.</i>
	SINIF II: Yalıtımın temel yalıtımla sağlanmadığı, ekstra yalıtım malzemeleri ile elektrik çarpmasına karşı koruması artırılan armatürleri belirtir.	<i>Class II: Luminaires with additional or increased insulation. They have no PE conductor terminal.</i>
	SINIF III: Elektrik çarpmasına karşı korumanın çok düşük güvenlik geriliminin dışında başka yüksek değerlerde bir gerilimin üretilmediği armatürleri belirtir.	<i>Class III: Luminaires operated on protective extra-low voltages</i>

## YÖNLENDİRME /ADJUST

## KULLANIM YERİ / FITTING AREA

	X° Dikey Yönlendirme/ <i>Vertical Adjust</i>		Tavan ve Duvar Ankastré/ <i>Ceiling and Wall Recessed</i>
	X° Yatay Yönlendirme/ <i>Horizontal Adjust</i>		Tavan Ankastré/ <i>Recessed</i>
	30° Yönlendirilebilir/ <i>30° Adjustable</i>		Tavan ve Duvar Sıva Üstü/ <i>Ceiling and Wall Recessed</i>
	45° Yönlendirilebilir/ <i>45° Adjustable</i>		Tavan/ <i>Ceiling</i>
			Duvar/ <i>Wall</i>
			Tavan ve Duvar/ <i>Ceiling and Wall</i>
			Tavan Sarkit/ <i>Pendant</i>
			Masaüstü/ <i>Desktop</i>
			Ayaklı/ <i>Stand</i>



**Aplik**



**Masa Lambas**



**Sarkit**



Aplik



Masa Lambası



Yer Lambası



Yer Lambası



Masa Lambası



Sarkıt