



051111



Underwater Lights for Concrete Pools - ABS

"Standard 95"

Underwater Lights. Frame made of ABS plastic, niche in white plastic. Complete with either 300 W/12 V PAR56 bulb with 2 x 4 mm cable of 2,5 m length or PAR56 SMD LED bulb with 2 x 0,75 mm cable of 1,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche.

Description	Code	Pieces/box	Weight Kg	Volume m ³
• Complete light, with 300 W/12 V PAR56	051111	1	2,160	0,016
• Complete light, with 20 W-63 SMD LED	051111LS	1		
• 051111, without cable	051111C	1		
• 051111LS, without cable	051111LSC	1		
• 051111, without niche and cable	051111NC	1		
• 051111LS, without niche and cable	051111LSNC	1		
• Niche	05111110S	1		

"Standard 2002" Underwater Lights. Frame made of ABS plastic, niche in white plastic. Complete with either 300 W/12 V PAR56 bulb with 2 x 4 mm cable of 2,5 m length or PAR56 SMD LED bulb with 2 x 0,75 mm cable of 1,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche.

Description	Code	Pieces/box	Weight Kg	Volume m ³
• Complete light, with 300 W/12 V PAR56	051114	1	2,160	0,016
• Complete light, with 20 W-63 SMD LED	051114LS	1		
• 051114, with locking	051115	1		
• 051114LS, with locking	051115LS	1		
• 051114, without cable	051114C	1		
• 051114LS, without cable	051114LSC	1		
• 051114, without cable and niche	051114NC	1		
• 051114LS, without cable and niche	051114LSNC	1		
• Niche	05111410S	1		
• Modular niche extension	0511411	1		

"Standard 2004" Underwater Lights. Frame made of ABS plastic, niche in white plastic. Complete with either 300 W/12 V PAR56 bulb with 2 x 4 mm cable of 2,5 m length or PAR56 SMD LED bulb with 2 x 0,75 mm cable of 1,5 m length. Choice of "Side" or "Bottom" cable outlet on the niche.

Description	Code	Pieces/box	Weight Kg	Volume m ³
• Complete light, with 300 W/12 V PAR56	051118	1		
• Complete light, with 20 W-63 SMD LED	051118LS	1		
• 051118, with locking	051119	1		
• 051118LS, with locking	051119LS	1		
• 051118, without cable	051118C	1		
• 051118LS, without cable	051118LSC	1		
• 051118, without cable and niche	051118NC	1		
• 051118LS, without cable and niche	051118LSNC	1		
• Niche	05111810S	1		
• Modular niche extension	0511411	1		



051111 - 051130ER



051114



051114 - 051130ER



051119



0511411

051114-0531102

“Standard 2002” Underwater Lights



PRODUCT FEATURES

It has a special, elegant, stylish and patented design.
Compatible with all PAR56 lamp sleeves on the market.
It gives instant beam thanks to the LEDs used in the light.
The light complies with IP68 protection degree at 2 m nominal depth.
Diffuser glass is made of polycarbonate.
Body part consists aluminum or white polycarbonate.
The light operating voltage is very low (12V AC/DC), making it a Class III electrical device.
Frame made of ABS plastic and Niche in white plastic.
Polycarbonate light body
Complete with PAR56 bulb.



VOLTAGE (V)	POWER (W)	CCT (K) Min	CCT (K) Typ	CCT (K) Max	Φ (lm) Min	Useful (lm flux)	CRI (Ra)	Light Intensity (cd)
12V AC/DC	20.4	2800	3000	3100	1404.8	1511	71,9	516.91 cd

Note:

1. $2\theta_{1/2}$ is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.
2. The above luminous flux measurement allowance tolerance is $\pm 5\%$.
3. The above Color Rendering Index measurement allowance tolerance is -2
4. The above color coordinates measurement allowance tolerance is ± 0.003 .



International Inspection & Certification Body

UYGUNLUK ONAYI ATTESTATION OF COMPLIANCE

**2014/35/AB Belirli Gerilim Sınırları Dahilinde Kullanılmak Üzere Tasarlanmış Elektrikli Teçhizat İle İlgili
Yönetmeliği'ne Göre**
2014/35/EU Electrical Equipment Designed For Use Within Certain Voltage Limits Directive

Sertifika Numarası

Certificate Number

: FMK.19/AC.C0073.01.01

Belgelendirme Kuruluşu

Certification Body

: Femko Uluslararası Teknik Kontrol Eğitim Belgelendirme Ltd. Şti.
Kazımdırık Mah. 372/7 Sok. No:8 Bornova -İzmir / Türkiye

Sertifika Sahibi ve Adresi

Certificate Holder and Address

: Gemaş Genel Mühendislik Mekanik Sanayi Ve Ticaret A.Ş.
İTOB Organize Sanayi Bölgesi 10001 Sok.No:28 Menderes/İZMİR

Test Numunesinin Üreticisi

Manufacturer of The Test Sample

Ürün Ticari Markası

Product Commercial Brand

: Gemaş Genel Mühendislik Mekanik Sanayi Ve Ticaret A.Ş.
İTOB Organize Sanayi Bölgesi 10001 Sok.No:28 Menderes/İZMİR

Ürün

Product

: Havuz Armatörü

Tip ve Model

Type and model

: 0531101/0531102/0531103/0531104/0531105/0531106/0531111/0531114/
0531121/0531201/0531202/0531211/0531212/0531314/0531322/
0531411/ 0532111/0532112/0532113/0532114/0532115/0532116/
0532117/0532118/0532119/0532120/0532121/0532122/0532123/0532124/
0532125/0532126/0532127/0532128/0532129/0532130/0532131/0532132/
0532133/0532134/0532135/0532136/0532137/0532138/0532139/0532140/
0532141/0532142/0532143/0532144/0532145/0532146/0532147/0532148/
0532149/0532150/0532151/0532152/0532153/0532154/0532155/0532156/
0532157/0532158/0532159/0532160/0532161/0532162/0532163/0532164/
0532165/0532166/0532167/0532168/0532169/0532170/0532171/0532172/
0532173/0532174/0532175/0532176/0532177/0532178/0532179/0532180/
0532181/0532182/0532183/0532184/0532185/0532186/0532187/0532188/
0532189/0532190/0532191/0532192/0532193/0532194/0532195/0532196/
0532197/0532198/0532199/0532200/0532201/0532202/0532203/0532204/
0532205/0532206/0532207/0532208/0532209/0532210/0532211/0532212/
0532213/0532214/0532215/0532216/0532217/0532218/0532219/0532220/
0532221/0532222/0532223/0532224/0532225/0532226/0532227/0532228/
0532229/0532230/0532231/0532232/0532233/0532234/0532235/0532236/
0532237/0532238/0532239/0532240/0532241/0532242/0532243/0532244/
0532245/0532246/0532247/0532248/0532249/0532250/0532251/0532252/
0532253/0532254/0532255/0532256/0532257/0532258/0532259/0532260/
0532261/0532262/0532263/0532264/0532265/0532266/0532267/0532268/
0532269/0532270/0532271/0532272/0532273/0532274/0532275/0532276/
0532277/0532278/0532279/0532280/0532281/0532282/0532283/0532284/
0532285/0532286/0532287/0532288/0532289/0532290/0532291/0532292/
0532293/0532294/0532295/0532296/0532297/0532298/0532299/0532300/
0532301/0532302/0532303/0532304/0532305/0532306/0532307/0532308/
0532309/0532310/0532311/0532312/0532313/0532314/0532315/0532316/
0532317/0532318/0532319/0532320/0532321/0532322/0532323/0532324/
0532325/0532326/0532327/0532328/0532329/0532330/0532331/0532332/
0532333/0532334/0532335/0532336/0532337/0532338/0532339/0532340/
0532341/0532342/0532343/0532344/0532345/0532346/0532347/0532348/
0532349/0532350/0532351/0532352/0532353/0532354/0532355/0532356/
0532357/0532358/0532359/0532360/0532361/0532362/0532363/0532364/
0532365/0532366/0532367/0532368/0532369/0532370/0532371/0532372/
0532373/0532374/0532375/0532376/0532377/0532378/0532379/0532380/
0532381/0532382/0532383/0532384/0532385/0532386/0532387/0532388/
0532389/0532390/0532391/0532392/0532393/0532394/0532395/0532396/
0532397/0532398/0532399/0532400/0532401/0532402/0532403/0532404/
0532405/0532406/0532407/0532408/0532409/0532410/0532411/0532412/
0532413/0532414/0532415/0532416/0532417/0532418/0532419/0532420/
0532421/0532422/0532423/0532424/0532425/0532426/0532427/0532428/
0532429/0532430/0532431/0532432/0532433/0532434/0532435/0532436/
0532437/0532438/0532439/0532440/0532441/0532442/0532443/0532444/
0532445/0532446/0532447/0532448/0532449/0532450/0532451/0532452/
0532453/0532454/0532455/0532456/0532457/0532458/0532459/0532460/
0532461/0532462/0532463/0532464/0532465/0532466/0532467/0532468/
0532469/0532470/0532471/0532472/0532473/0532474/0532475/0532476/
0532477/0532478/0532479/0532480/0532481/0532482/0532483/0532484/
0532485/0532486/0532487/0532488/0532489/0532490/0532491/0532492/
0532493/0532494/0532495/0532496/0532497/0532498/0532499/0532500/
0532501/0532502/0532503/0532504/0532505/0532506/0532507/0532508/
0532509/0532510/0532511/0532512/0532513/0532514/0532515/0532516/
0532517/0532518/0532519/0532520/0532521/0532522/0532523/0532524/
0532525/0532526/0532527/0532528/0532529/0532530/0532531/0532532/
0532533/0532534/0532535/0532536/0532537/0532538/0532539/0532540/
0532541/0532542/0532543/0532544/0532545/0532546/0532547/0532548/
0532549/0532550/0532551/0532552/0532553/0532554/0532555/0532556/
0532557/0532558/0532559/0532560/0532561/0532562/0532563/0532564/
0532565/0532566/0532567/0532568/0532569/0532570/0532571/0532572/
0532573/0532574/0532575/0532576/0532577/0532578/0532579/0532580/
0532581/0532582/0532583/0532584/0532585/0532586/0532587/0532588/
0532589/0532590/0532591/0532592/0532593/0532594/0532595/0532596/
0532597/0532598/0532599/0532600/0532601/0532602/0532603/0532604/
0532605/0532606/0532607/0532608/0532609/0532610/0532611/0532612/
0532613/0532614/0532615/0532616/0532617/0532618/0532619/0532620/
0532621/0532622/0532623/0532624/0532625/0532626/0532627/0532628/
0532629/0532630/0532631/0532632/0532633/0532634/0532635/0532636/
0532637/0532638/0532639/0532640/0532641/0532642/0532643/0532644/
0532645/0532646/0532647/0532648/0532649/0532650/0532651/0532652/
0532653/0532654/0532655/0532656/0532657/0532658/0532659/0532660/
0532661/0532662/0532663/0532664/0532665/0532666/0532667/0532668/
0532669/0532670/0532671/0532672/0532673/0532674/0532675/0532676/
0532677/0532678/0532679/0532680/0532681/0532682/0532683/0532684/
0532685/0532686/0532687/0532688/0532689/0532690/0532691/0532692/
0532693/0532694/0532695/0532696/0532697/0532698/0532699/0532700/
0532701/0532702/0532703/0532704/0532705/0532706/0532707/0532708/
0532709/0532710/0532711/0532712/0532713/0532714/0532715/0532716/
0532717/0532718/0532719/0532720/0532721/0532722/0532723/0532724/
0532725/0532726/0532727/0532728/0532729/0532730/0532731/0532732/
0532733/0532734/0532735/0532736/0532737/0532738/0532739/0532740/
0532741/0532742/0532743/0532744/0532745/0532746/0532747/0532748/
0532749/0532750/0532751/0532752/0532753/0532754/0532755/0532756/
0532757/0532758/0532759/0532760/0532761/0532762/0532763/0532764/
0532765/0532766/0532767/0532768/0532769/0532770/0532771/0532772/
0532773/0532774/0532775/0532776/0532777/0532778/0532779/0532780/
0532781/0532782/0532783/0532784/0532785/0532786/0532787/0532788/
0532789/0532790/0532791/0532792/0532793/0532794/0532795/0532796/
0532797/0532798/0532799/0532800/0532801/0532802/0532803/0532804/
0532805/0532806/0532807/0532808/0532809/0532810/0532811/0532812/
0532813/0532814/0532815/0532816/0532817/0532818/0532819/0532820/
0532821/0532822/0532823/0532824/0532825/0532826/0532827/0532828/
0532829/0532830/0532831/0532832/0532833/0532834/0532835/0532836/
0532837/0532838/0532839/0532840/0532841/0532842/0532843/0532844/
0532845/0532846/0532847/0532848/0532849/0532850/0532851/0532852/
0532853/0532854/0532855/0532856/0532857/0532858/0532859/0532860/
0532861/0532862/0532863/0532864/0532865/0532866/0532867/0532868/
0532869/0532870/0532871/0532872/0532873/0532874/0532875/0532876/
0532877/0532878/0532879/0532880/0532881/0532882/0532883/0532884/
0532885/0532886/0532887/0532888/0532889/0532890/0532891/0532892/
0532893/0532894/0532895/0532896/0532897/0532898/0532899/0532900/
0532901/0532902/0532903/0532904/0532905/0532906/0532907/0532908/
0532909/0532910/0532911/0532912/0532913/0532914/0532915/0532916/
0532917/0532918/0532919/0532920/0532921/0532922/0532923/0532924/
0532925/0532926/0532927/0532928/0532929/0532930/0532931/0532932/
0532933/0532934/0532935/0532936/0532937/0532938/0532939/0532940/
0532941/0532942/0532943/0532944/0532945/0532946/0532947/0532948/
0532949/0532950/0532951/0532952/0532953/0532954/0532955/0532956/
0532957/0532958/0532959/0532960/0532961/0532962/0532963/0532964/
0532965/0532966/0532967/0532968/0532969/0532970/0532971/0532972/
0532973/0532974/0532975/0532976/0532977/0532978/0532979/0532980/
0532981/0532982/0532983/0532984/0532985/0532986/0532987/0532988/
0532989/0532990/0532991/0532992/0532993/0532994/0532995/0532996/
0532997/0532998/0532999/0533000/0533001/0533002/0533003/0533004/
0533005/0533006/0533007/0533008/0533009/0533010/0533011/0533012/
0533013/0533014/0533015/0533016/0533017/0533018/0533019/0533020/
0533021/0533022/0533023/0533024/0533025/0533026/0533027/0533028/
0533029/0533030/0533031/0533032/0533033/0533034/0533035/0533036/
0533037/0533038/0533039/0533040/0533041/0533042/0533043/0533044/
0533045/0533046/0533047/0533048/0533049/0533050/0533051/0533052/
0533053/0533054/0533055/0533056/0533057/0533058/0533059/0533060/
0533061/0533062/0533063/0533064/0533065/0533066/0533067/0533068/
0533069/0533070/0533071/0533072/0533073/0533074/0533075/0533076/
0533077/0533078/0533079/0533080/0533081/0533082/0533083/0533084/
0533085/0533086/0533087/0533088/0533089/0533090/0533091/0533092/
0533093/0533094/0533095/0533096/0533097/0533098/0533099/0533100/
0533101/0533102/0533103/0533104/0533105/0533106/0533107/0533108/
0533109/0533110/0533111/0533112/0533113/0533114/0533115/0533116/
0533117/0533118/0533119/0533120/0533121/0533122/0533123/0533124/
0533125/0533126/0533127/0533128/0533129/0533130/0533131/0533132/
0533133/0533134/0533135/0533136/0533137/0533138/0533139/0533140/
0533141/0533142/0533143/0533144/0533145/0533146/0533147/0533148/
0533149/0533150/0533151/0533152/0533153/0533154/0533155/0533156/
0533157/0533158/0533159/0533160/0533161/0533162/0533163/0533164/
0533165/0533166/0533167/0533168/0533169/0533170/0533171/0533172/
0533173/0533174/0533175/0533176/0533177/0533178/0533179/0533180/
0533181/0533182/0533183/0533184/0533185/0533186/0533187/0533188/
0533189/0533190/0533191/0533192/0533193/0533194/0533195/0533196/
0533197/0533198/0533199/0533200/0533201/0533202/0533203/0533204/
0533205/0533206/0533207/0533208/0533209/0533210/0533211/0533212/
0533213/0533214/0533215/0533216/0533217/0533218/0533219/0533220/
0533221/0533222/0533223/0533224/0533225/0533226/0533227/0533228/
0533229/0533230/0533231/0533232/0533233/0533234/0533235/0533236/
0533237/0533238/0533239/0533240/0533241/0533242/0533243/0533244/
0533245/0533246/0533247/0533248/0533249/0533250/0533251/0533252/
0533253/0533254/0533255/0533256/0533257/0533258/0533259/0533260/
0533261/0533262/0533263/0533264/0533265/0533266/0533267/0533268/
0533269/0533270/0533271/0533272/0533273/0533274/0533275/0533276/
0533277/0533278/0533279/0533280/0533281/0533282/0533283/0533284/
0533285/0533286/0533287/0533288/0533289/0533290/0533291/0533292/
0533293/0533294/0533295/0533296/0533297/0533298/0533299/0533300/
0533301/0533302/0533303/0533304/0533305/0533306/0533307/0533308/
0533309/0533310/0533311/0533312/0533313/0533314/0533315/0533316/
0533317/0533318/0533319/0533320/0533321/0533322/0533323/0533324/
0533325/0533326/0533327/0533328/0533329/0533330/0533331/0533332/
0533333/0533334/0533335/0533336/0533337/0533338/0533339/0533340/
0533341/0533342/0533343/0533344/0533345/0533346/0533347/0533348/
0533349/0533350/0533351/0533352/0533353/0533354/0533355/0533356/
0533357/0533358/0533359/0533360/0533361/0533362/0533363/0533364/
0533365/0533366/0533367/0533368/0533369/0533370/0533371/0533372/
0533373/0533374/0533375/0533376/0533377/0533378/0533379/0533380/
0533381/0533382/0533383/0533384/0533385/0533386/0533387/0533388/
0533389/0533390/0533391/0533392/0533393/0533394/0533395/0533396/
0533397/0533398/0533399/0533400/0533401/0533402/0533403/0533404/
0533405/0533406/0533407/0533408/0533409/0533410/0533411/0533412/
0533413/0533414/0533415/0533416/0533417/0533418/0533419/0533420/
0533421/0533422/0533423/0533424/0533425/0533426/0533427/0533428/
0533429/0533430/0533431/0533432/0533433/0533434/0533435/0533436/
0533437/0533438/0533439/0533440/0533441/0533442/0533443/0533444/
0533445/0533446/0533447/0533448/0533449/0533450/0533451/0533452/
0533453/0533454/0533455/053