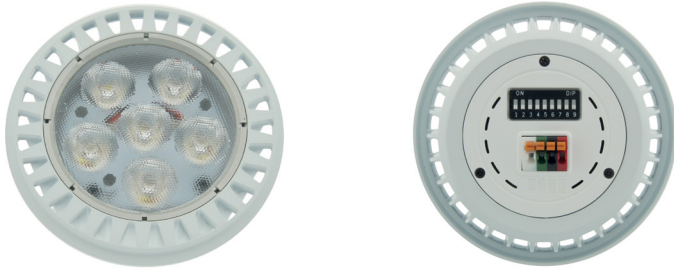


# LED DMX Einsatz 20W RGBW 111 IP20 - Bedienungsanleitung



Artikel Nr.: LD-120-140

## 1. Produktbeschreibung

Der LED DMX Einsatz RGBW ist ein 4 in 1 LED Downlight mit 4 Kanälen Rot, Grün, Blau und Neutralweiss und kann über ein DMX Signal angesteuert werden. Es können 512 verschiedene DMX Adressen mittels DIP Schalter an der Rückseite des Downlight eingestellt werden. Der DMX Einsatz hat einen Abstrahlwinkel von 40° und kann in Verbindung mit den gängigsten Deckeneinbauringen der Serie QR111 verbaut werden.

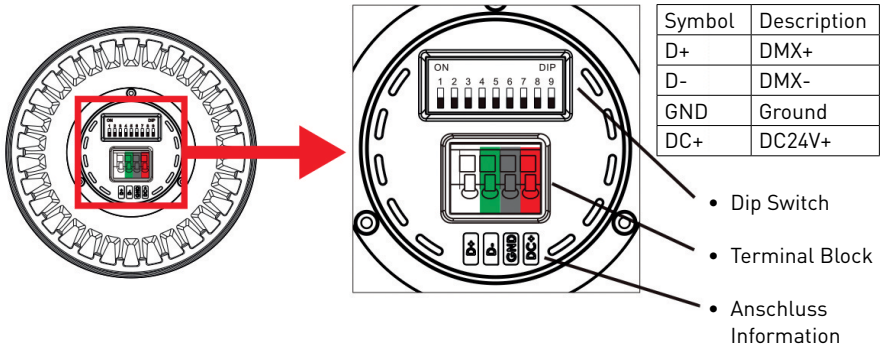
## 2. Leistungsparameter

Eingangsspannung	24VDC
Ausgangskanäle	4 Kanäle (RGBW)
Max. Ausgangsleistung	~ 20,2W
Eingangssignal	DMX
DMX Terminal	Terminal Block mit max. 2,5mm <sup>2</sup>
Gehäusematerial	Aluminium
Gehäusefarbe	Weiss
Abmessungen (L x B x H)	111mm Ø x 57mm
Gewicht	525g

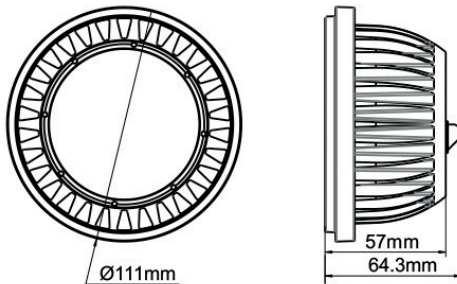
## 3. Beschreibung

1. Betriebsspannung 24VDC
2. Standard Eingangssignal DMX 512
3. 4 DMX Kanäle Rot, Grün, Blau und Neutralweiss
4. 512 verschiedene DMX Adressen mittels DIP Schalter einstellbar
5. Einbau mittels gängigsten Deckeneinbauringen QR111 möglich

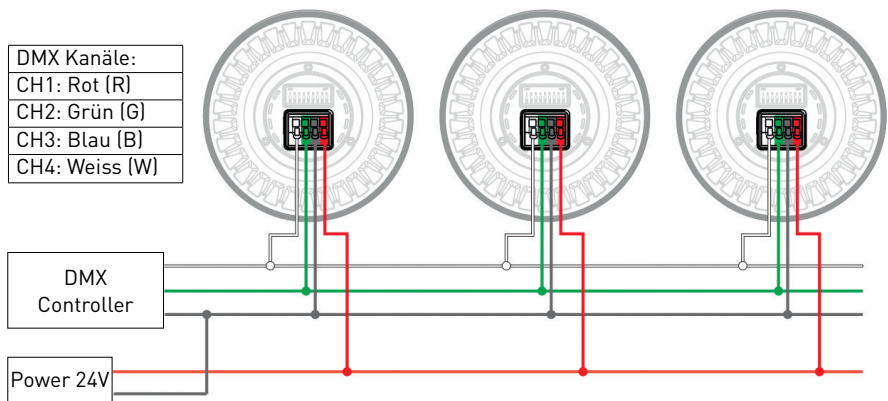
Funktionsschema/Anschlüsse:



#### 4. Abmessungen



#### 5. Anschlussdiagramm



Wichtig ist, dass Sie immer zuerst sekundärseitig den LED Strahler am Netzteil anschliessen, bevor Sie das Netzteil primärseitig mit 230V versorgen und dass die Versorgungsspannung von 24VDC nicht überschritten wird, da das Downlight ansonsten beschädigt werden kann.

## DMX Adressen Einstellung:



Für die DMX Adressierung stellen Sie die Adressen auf abgebildeten Dip Switch lt. nachstehender Tabelle ein:

Ch# Dip Switch On	Ch# Dip Switch On	Ch# Dip Switch On	Ch# Dip Switch On	Ch# Dip Switch On
1=0	51=2, 5, 6	101=3, 6, 7	151=2, 3, 5, 8	201=4, 7, 8
2=1	52=1, 2, 5, 6	102=1, 3, 6, 7	152=1, 2, 3, 5, 8	202=1, 4, 7, 8
3=2	53=3, 5, 6	103=2, 3, 6, 7	153=4, 5, 8	203=2, 4, 7, 8
4=1, 2	54=1, 3, 5, 6	104=1, 2, 3, 6, 7	154=1, 4, 5, 8	204=1, 2, 4, 7, 8
5=3	55=2, 3, 5, 6	105=4, 6, 7	155=2, 4, 5, 8	205=3, 4, 7, 8
6=1, 3	56=1, 2, 3, 5, 6	106=1, 4, 6, 7	156=1, 2, 4, 5, 8	206=1, 3, 4, 7, 8
7=2, 3	57=4, 5, 6	107=2, 4, 6, 7	157=3, 4, 5, 8	207=2, 3, 4, 7, 8
8=1, 2, 3	58=1, 4, 5, 6	108=1, 2, 4, 6, 7	158=1, 3, 4, 5, 8	208=1, 2, 3, 4, 7, 8
9=4	59=2, 4, 5, 6	109=3, 4, 6, 7	159=2, 3, 4, 5, 8	209=5, 7, 8
10=1, 4	60=1, 2, 4, 5, 6	110=1, 3, 4, 6, 7	160=1, 2, 3, 4, 5, 8	210=1, 5, 7, 8
11=2, 4	61=3, 4, 5, 6	111=2, 3, 4, 6, 7	161=6, 8	211=2, 5, 7, 8
12=1, 2, 4	62=1, 3, 4, 5, 6	112=1, 2, 3, 4, 6, 7	162=1, 6, 8	212=1, 2, 5, 7, 8
13=3, 4	63=2, 3, 4, 5, 6	113=5, 6, 7	163=2, 6, 8	213=3, 5, 7, 8
14=1, 3, 4	64=1, 2, 3, 4, 5, 6	114=1, 5, 6, 7	164=1, 2, 6, 8	214=1, 3, 5, 7, 8
15=2, 3, 4	65=7	115=2, 5, 6, 7	165=3, 6, 8	215=2, 3, 5, 7, 8
16=1, 2, 3, 4	66=1, 7	116=1, 2, 5, 6, 7	166=1, 3, 6, 8	216=1, 2, 3, 5, 7, 8
17=5	67=2, 7	117=3, 5, 6, 7	167=2, 3, 6, 8	217=4, 5, 7, 8
18=1, 5	68=1, 1, 2, 7	118=1, 3, 5, 6, 7	168=1, 2, 3, 6, 8	218=1, 4, 5, 7, 8
19=2, 5	69=3, 7	119=2, 3, 5, 6, 7	169=4, 6, 8	219=2, 4, 5, 7, 8
20=1, 2, 5	70=1, 1, 3, 7	120=1, 2, 3, 5, 6, 7	170=1, 4, 6, 8	220=1, 2, 4, 5, 7, 8
21=3, 5	71=2, 3, 7	121=4, 5, 6, 7	171=2, 4, 6, 8	221=3, 4, 5, 7, 8
22=1, 3, 5	72=1, 2, 3, 7	122=1, 4, 5, 6, 7	172=1, 2, 4, 6, 8	222=1, 3, 4, 5, 7, 8
23=2, 3, 5	73=4, 7	123=2, 4, 5, 6, 7	173=3, 4, 6, 8	223=2, 3, 4, 5, 7, 8
24=1, 2, 3, 5	74=1, 4, 7	124=1, 2, 4, 5, 6, 7	174=1, 3, 4, 6, 8	224=1, 2, 3, 4, 5, 7, 8
25=4, 5	75=2, 4, 7	125=3, 4, 5, 6, 7	175=2, 3, 4, 6, 8	225=6, 7, 8
26=1, 4, 5	76=1, 2, 4, 7	126=1, 3, 4, 5, 6, 7	176=1, 2, 3, 4, 6, 8	226=1, 6, 7, 8
27=2, 4, 5	77=3, 4, 7	127=2, 3, 4, 5, 6, 7	177=5, 6, 8	227=2, 6, 7, 8
28=1, 2, 4, 5	78=1, 3, 4, 7	128=1, 2, 3, 4, 5, 6, 7	178=1, 5, 6, 8	228=1, 2, 6, 7, 8
29=3, 4, 5	79=2, 3, 4, 7	129=8	179=2, 5, 6, 8	229=3, 6, 7, 8
30=1, 3, 4, 5	80=1, 3, 4, 7	130=1, 8	180=1, 2, 5, 6, 8	230=1, 3, 6, 7, 8
31=2, 3, 4, 5	81=5, 7	131=2, 8	181=3, 5, 6, 8	231=2, 3, 6, 7, 8
32=1, 2, 3, 4, 5	82=1, 5, 7	132=1, 2, 8	182=1, 3, 5, 6, 8	232=1, 2, 3, 6, 7, 8
33=6	83=2, 5, 7	133=3, 8	183=2, 3, 5, 6, 8	233=4, 6, 7, 8
34=1, 6	84=1, 2, 5, 7	134=1, 3, 8	184=1, 2, 3, 5, 6, 8	234=1, 4, 6, 7, 8
35=2, 6	85=3, 5, 7	135=2, 3, 8	185=4, 5, 6, 8	235=2, 4, 6, 7, 8
36=1, 2, 6	86=1, 3, 5, 7	136=1, 2, 3, 8	186=1, 4, 5, 6, 8	236=1, 2, 4, 6, 7, 8
37=3, 6	87=2, 3, 5, 7	137=4, 8	187=2, 4, 5, 6, 8	237=3, 4, 6, 7, 8
38=1, 3, 6	88=1, 2, 3, 5, 7	138=1, 4, 8	188=1, 2, 4, 5, 6, 8	238=1, 3, 4, 6, 7, 8
39=2, 3, 6	89=4, 5, 7	139=2, 4, 8	189=3, 4, 5, 6, 8	239=2, 3, 4, 6, 7, 8
40=1, 2, 3, 6	90=1, 4, 5, 7	140=1, 2, 4, 8	190=1, 3, 4, 5, 6, 8	240=1, 2, 3, 4, 6, 7, 8
41=4, 6	91=2, 4, 5, 7	141=3, 4, 8	191=2, 3, 4, 5, 6, 8	241=5, 6, 7, 8
42=1, 4, 6	92=1, 2, 4, 5, 7	142=1, 3, 4, 8	192=1, 2, 3, 4, 5, 6, 8	242=1, 5, 6, 7, 8
43=2, 4, 6	93=3, 4, 5, 7	143=2, 3, 4, 8	193=7, 8	243=2, 5, 6, 7, 8
44=1, 2, 4, 6	94=1, 3, 4, 5, 7	144=1, 2, 3, 4, 8	194=1, 7, 8	244=1, 2, 5, 6, 7, 8
45=3, 4, 6	95=2, 3, 4, 5, 7	145=5, 8	195=2, 7, 8	245=3, 5, 6, 7, 8
46=1, 3, 4, 6	96=1, 2, 3, 4, 5, 7	146=1, 5, 8	196=1, 2, 7, 8	246=1, 3, 5, 6, 7, 8
47=2, 3, 4, 6	97=6, 7	147=2, 5, 8	197=3, 7, 8	247=2, 3, 5, 6, 7, 8
48=1, 2, 3, 4, 6	98=1, 6, 7	148=1, 2, 5, 8	198=1, 3, 7, 8	248=1, 2, 3, 5, 6, 7, 8
49=5, 6	99=2, 6, 7	149=3, 5, 8	199=2, 3, 7, 8	249=4, 5, 6, 7, 8
50=1, 5, 6	100=1, 2, 6, 7	150=1, 3, 5, 8	200=1, 2, 3, 7, 8	250=1, 4, 5, 6, 7, 8

Ch# Dip Switch On	Ch# Dip Switch On	Ch# Dip Switch On	Ch# Dip Switch On	Ch# Dip Switch On
251 = 2, 4, 5, 6, 7, 8	311 = 2, 3, 5, 6, 9	371 = 2, 5, 6, 7, 9	431 = 2, 3, 4, 6, 8, 9	491 = 2, 4, 6, 7, 8, 9
252 = 1, 2, 4, 5, 6, 7, 8	312 = 1, 2, 3, 5, 6, 9	372 = 1, 2, 5, 6, 7, 9	432 = 1, 2, 3, 4, 6, 8, 9	492 = 1, 2, 4, 6, 7, 8, 9
253 = 3, 4, 5, 6, 7, 8	313 = 4, 5, 6, 9	373 = 3, 5, 6, 7, 9	433 = 5, 6, 8, 9	493 = 3, 4, 6, 7, 8, 9
254 = 1, 3, 4, 5, 6, 7, 8	314 = 1, 4, 5, 6, 9	374 = 1, 3, 5, 6, 7, 9	434 = 1, 5, 6, 8, 9	494 = 1, 3, 4, 6, 7, 8, 9
255 = 2, 3, 4, 5, 6, 7, 8	315 = 2, 4, 5, 6, 9	375 = 2, 3, 5, 6, 7, 9	435 = 2, 5, 6, 8, 9	495 = 2, 3, 4, 6, 7, 8, 9
256 = 1, 2, 3, 4, 5, 6, 7, 8	316 = 1, 2, 4, 5, 6, 9	376 = 1, 2, 3, 5, 6, 7, 9	436 = 1, 2, 5, 6, 8, 9	496 = 1, 2, 3, 4, 6, 7, 8, 9
257 = 9	317 = 3, 4, 5, 6, 9	377 = 4, 5, 6, 7, 9	437 = 3, 5, 6, 8, 9	497 = 5, 6, 7, 8, 9
258 = 1, 9	318 = 1, 3, 4, 5, 6, 9	378 = 1, 4, 5, 6, 7, 9	438 = 1, 3, 5, 6, 8, 9	498 = 1, 5, 6, 7, 8, 9
259 = 2, 9	319 = 2, 3, 4, 5, 6, 9	379 = 2, 4, 5, 6, 7, 9	439 = 2, 3, 5, 6, 8, 9	499 = 2, 5, 6, 7, 8, 9
260 = 1, 2, 9	320 = 1, 2, 3, 4, 5, 6, 9	380 = 1, 2, 4, 5, 6, 7, 9	440 = 1, 2, 3, 5, 6, 8, 9	500 = 1, 2, 5, 6, 7, 8, 9
261 = 3, 9	321 = 7, 9	381 = 3, 4, 5, 6, 7, 9	441 = 4, 5, 6, 8, 9	501 = 3, 5, 6, 7, 8, 9
262 = 1, 3, 9	322 = 1, 7, 9	382 = 1, 3, 4, 5, 6, 7, 9	442 = 1, 4, 5, 6, 8, 9	502 = 1, 3, 5, 6, 7, 8, 9
263 = 2, 3, 9	323 = 2, 7, 9	383 = 2, 3, 4, 5, 6, 7, 9	443 = 2, 4, 5, 6, 8, 9	503 = 2, 3, 5, 6, 7, 8, 9
264 = 1, 2, 3, 9	324 = 1, 2, 7, 9	384 = 1, 2, 3, 4, 5, 6, 7, 9	444 = 1, 2, 4, 5, 6, 8, 9	504 = 1, 2, 3, 5, 6, 7, 8, 9
265 = 4, 9	325 = 3, 7, 9	385 = 8, 9	445 = 3, 4, 5, 6, 8, 9	505 = 4, 5, 6, 7, 8, 9
266 = 1, 4, 9	326 = 1, 3, 7, 9	386 = 1, 8, 9	446 = 1, 3, 4, 5, 6, 8, 9	506 = 1, 4, 5, 6, 7, 8, 9
267 = 2, 4, 9	327 = 2, 3, 7, 9	387 = 2, 8, 9	447 = 2, 3, 4, 5, 6, 8, 9	507 = 2, 4, 5, 6, 7, 8, 9
268 = 1, 2, 4, 9	328 = 1, 2, 3, 7, 9	388 = 1, 2, 8, 9	448 = 1, 2, 3, 4, 5, 6, 8, 9	508 = 1, 2, 4, 5, 6, 7, 8, 9
269 = 3, 4, 9	329 = 4, 7, 9	389 = 3, 8, 9	449 = 7, 8, 9	509 = 3, 4, 5, 6, 7, 8, 9
270 = 1, 3, 4, 9	330 = 1, 4, 7, 9	390 = 1, 3, 8, 9	450 = 1, 7, 8, 9	510 = 1, 3, 4, 5, 6, 7, 8, 9
271 = 2, 3, 4, 9	331 = 2, 4, 7, 9	391 = 2, 3, 8, 9	451 = 2, 7, 8, 9	511 = 2, 3, 4, 5, 6, 7, 8, 9
272 = 1, 2, 3, 4, 9	332 = 1, 2, 4, 7, 9	392 = 1, 2, 3, 8, 9	452 = 1, 2, 7, 8, 9	512 = 1, 2, 3, 4, 5, 6, 7, 8, 9
273 = 5, 9	333 = 3, 4, 7, 9	393 = 4, 8, 9	453 = 3, 7, 8, 9	
274 = 1, 5, 9	334 = 1, 3, 4, 7, 9	394 = 1, 4, 8, 9	454 = 1, 3, 7, 8, 9	
275 = 2, 5, 9	335 = 2, 3, 4, 7, 9	395 = 2, 4, 8, 9	455 = 2, 3, 7, 8, 9	
276 = 1, 2, 5, 9	336 = 1, 2, 3, 4, 7, 9	396 = 1, 2, 4, 8, 9	456 = 1, 2, 3, 7, 8, 9	
277 = 3, 5, 9	337 = 5, 7, 9	397 = 3, 4, 8, 9	457 = 4, 7, 8, 9	
278 = 1, 3, 5, 9	338 = 1, 5, 7, 9	398 = 1, 3, 4, 8, 9	458 = 1, 4, 7, 8, 9	
279 = 2, 3, 5, 9	339 = 2, 5, 7, 9	399 = 2, 3, 4, 8, 9	459 = 2, 4, 7, 8, 9	
280 = 1, 2, 3, 5, 9	340 = 1, 2, 5, 7, 9	400 = 1, 2, 3, 4, 8, 9	460 = 1, 2, 4, 7, 8, 9	
281 = 4, 5, 9	341 = 3, 5, 7, 9	401 = 5, 8, 9	461 = 3, 4, 7, 8, 9	
282 = 1, 4, 5, 9	342 = 1, 3, 5, 7, 9	402 = 1, 5, 8, 9	462 = 1, 3, 4, 7, 8, 9	
283 = 2, 4, 5, 9	343 = 2, 3, 5, 7, 9	403 = 2, 5, 8, 9	463 = 2, 3, 4, 7, 8, 9	
284 = 1, 2, 4, 5, 9	344 = 1, 2, 3, 5, 7, 9	404 = 1, 2, 5, 8, 9	464 = 1, 2, 3, 4, 7, 8, 9	
285 = 3, 4, 5, 9	345 = 4, 5, 7, 9	405 = 3, 5, 8, 9	465 = 5, 7, 8, 9	
286 = 1, 3, 4, 5, 9	346 = 1, 4, 5, 7, 9	406 = 1, 3, 5, 8, 9	466 = 1, 5, 7, 8, 9	
287 = 2, 3, 4, 5, 9	347 = 2, 4, 5, 7, 9	407 = 2, 3, 5, 8, 9	467 = 2, 5, 7, 8, 9	
288 = 1, 2, 3, 4, 5, 9	348 = 1, 2, 4, 5, 7, 9	408 = 1, 2, 3, 5, 8, 9	468 = 1, 2, 5, 7, 8, 9	
289 = 6, 9	349 = 3, 4, 5, 7, 9	409 = 4, 5, 8, 9	469 = 3, 5, 7, 8, 9	
290 = 1, 6, 9	350 = 1, 3, 4, 5, 7, 9	410 = 1, 4, 5, 8, 9	470 = 1, 3, 5, 7, 8, 9	
291 = 2, 6, 9	351 = 2, 3, 4, 5, 7, 9	411 = 2, 4, 5, 8, 9	471 = 2, 3, 5, 7, 8, 9	
292 = 1, 2, 6, 9	352 = 1, 2, 3, 4, 5, 7, 9	412 = 1, 2, 4, 5, 8, 9	472 = 1, 2, 3, 5, 7, 8, 9	
293 = 3, 6, 9	353 = 6, 7, 9	413 = 3, 4, 5, 8, 9	473 = 4, 5, 7, 8, 9	
294 = 1, 3, 6, 9	354 = 1, 6, 7, 9	414 = 1, 3, 4, 5, 8, 9	474 = 1, 4, 5, 7, 8, 9	
295 = 2, 3, 6, 9	355 = 2, 6, 7, 9	415 = 2, 3, 4, 5, 8, 9	475 = 2, 4, 5, 7, 8, 9	
296 = 1, 2, 3, 6, 9	356 = 1, 2, 6, 7, 9	416 = 1, 2, 3, 4, 5, 8, 9	476 = 1, 2, 4, 5, 7, 8, 9	
297 = 4, 6, 9	357 = 3, 6, 7, 9	477 = 6, 8, 9	477 = 3, 4, 5, 7, 8, 9	
298 = 1, 4, 6, 9	358 = 1, 3, 6, 7, 9	418 = 1, 6, 8, 9	478 = 1, 3, 4, 5, 7, 8, 9	
299 = 2, 4, 6, 9	359 = 2, 3, 6, 7, 9	419 = 2, 6, 8, 9	479 = 2, 3, 4, 5, 7, 8, 9	
300 = 1, 2, 4, 6, 9	360 = 1, 2, 3, 6, 7, 9	420 = 1, 2, 6, 8, 9	480 = 1, 2, 3, 4, 5, 7, 8, 9	
301 = 3, 4, 6, 9	361 = 4, 6, 7, 9	421 = 3, 6, 8, 9	481 = 6, 7, 8, 9	
302 = 1, 3, 4, 6, 9	362 = 1, 4, 6, 7, 9	422 = 1, 3, 6, 8, 9	482 = 1, 6, 7, 8, 9	
303 = 2, 3, 4, 6, 9	363 = 2, 4, 6, 7, 9	423 = 2, 3, 6, 8, 9	483 = 2, 6, 7, 8, 9	
304 = 1, 2, 3, 4, 6, 9	364 = 1, 2, 4, 6, 7, 9	424 = 1, 2, 3, 6, 8, 9	484 = 1, 2, 6, 7, 8, 9	
305 = 5, 6, 9	365 = 3, 4, 6, 7, 9	425 = 4, 6, 8, 9	485 = 3, 6, 7, 8, 9	
306 = 1, 5, 6, 9	366 = 1, 3, 4, 6, 7, 9	426 = 1, 4, 6, 8, 9	486 = 1, 3, 6, 7, 8, 9	
307 = 2, 5, 6, 9	367 = 2, 3, 4, 6, 7, 9	427 = 2, 4, 6, 8, 9	487 = 2, 3, 6, 7, 8, 9	
308 = 1, 2, 5, 6, 9	368 = 1, 2, 3, 4, 6, 7, 9	428 = 1, 2, 4, 6, 8, 9	488 = 1, 2, 3, 6, 7, 8, 9	
309 = 3, 5, 6, 9	369 = 5, 6, 7, 9	429 = 3, 4, 6, 8, 9	489 = 4, 6, 7, 8, 9	
310 = 1, 3, 5, 6, 9	370 = 1, 5, 6, 7, 9	430 = 1, 3, 4, 6, 8, 9	490 = 1, 4, 6, 7, 8, 9	

## 6. Sicherheitswarnungen

Bevor Sie den Downlight verwenden, kontrollieren Sie ob dieser während des Transportes beschädigt wurde. Wenn dieser beschädigt wurde, darf dieser nicht eingebaut werden.

Vermeiden Sie längere Zeit direkt in das LED Licht zu sehen und leuchten Sie nicht in die Augen anderer Personen.

Niemals den Downlight mit anderen Gegenständen abdecken.

Den Downlight nicht mit anderen Wärmequellen in Verbindung bringen.

Das Produkt nicht hohen Temperaturen und hoher Feuchtigkeit aussetzen.

Der Downlight muss in gut belüfteter Umgebung installiert werden und darf nicht in hitzeisolierendem Material eingebaut werden.

Achten Sie beim Anschluss darauf, das die Kabeln nicht verdreht oder abgeknickt sind.

Verwenden Sie nur Netzteile und Komponenten die für den LED Downlight geeignet sind.