

Universal Light Code™ Exposure Tetrad

Light Realm		ISO		S.S.		Aperture	
Code		Code		Code		Code	
A4	30	.1	0	1/128,000	-5	f/1024	-2
A3	29	.2	1	1/64,000	-4	f/717	-1
A2	28	.35	2	1/32,000	-3	f/512	0
A1	27	.7	3	1/16,000	-2	f/358	1
A	26	1.5	4	1/8,000	-1	f/256	2
B	25	3	5	1/4,000	0	f/179	3
C	24	6	6	1/2,000	1	f/128	4
D	23	12.5	7	1/1,000	2	f/90	5
E	22	25	8	1/500	3	f/64	6
F	21	50	9	1/250	4	f/45	7
G	20	100	10	1/125	5	f/32	8
H	19	200	11	1/60	6	f/22	9
I	18	400	12	1/30	7	f/16	10
J	17	800	13	1/15	8	f/11	11
K	16	1600	14	1/8	9	f/8	12
L	15	3200	15	1/4	10	f/5.6	13
M	14	6400	16	1/2	11	f/4	14
N	13	12800	17	1 sec.	12	f/2.8	15
O	12	25600	18	3 sec.	13	f/2	16
P	11	51200	19	6 sec.	14	f/1.4	17
Q	10	102400	20	16 sec.	15	f/1.0	18
R	9	204800	21	30 sec.	16		
S	8	409600	22	1 min.	17		
T	7	819200	23	3 min.	18		
U	6	1.6 mil	24	6 min.	19		
V	5			12 min.	20		
W	4			24 min.	21		
X	3			45 min.	22		
Y	2			1.5 hr.	23		
Z	1			3 hr.	24		
Z1	0			6 hr.	25		
Z2	-1			12 hr.	26		
Z3	-2			27 hr.	27		
Z4	-3						

Select the desired scene letter (light realm) in the first column, then choose your ISO, shutter speed, and aperture. Add the code numbers in each of the four columns. The total must be 50 for a proper exposure. See the example at the dashed line where the light realm is "B".

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Select the desired Scene letter (realm) in the first column, then choose your ISO, shutter speed, and aperture. Add the code numbers in each of the four columns. The total must be 50 for a proper exposure. See the example at the dashed line where the Scene letter (realm) is "B".

Note that the columns will "slide" up and down, depending on what selections are made.

Use of this chart eliminates the need for the dial on the Black Cat Extended Range Exposure Guide as a decoder for the Universal Light Code (ULC).

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