SPECTRUM TEST REPORT

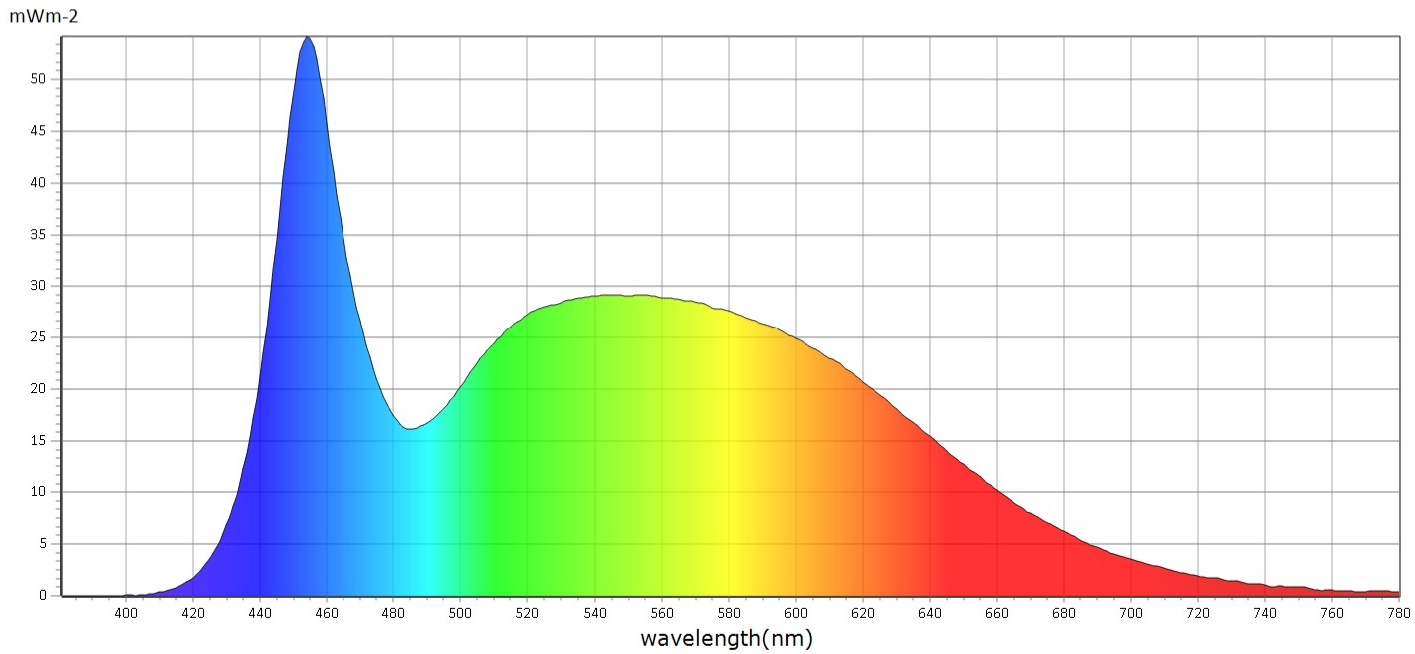
Information

User : Ledgrossisten	Measure Time :11:22:14
Model NO. : MK350S PREMIUM	Light Source :337148
Memo : LED armatur 6500K full spectrum belysning 120cm	

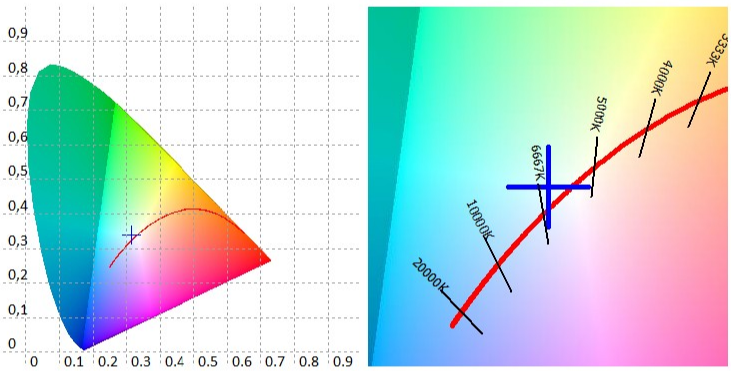
BASIC

I-Time	: 4200 us
x	: 0,3141
y	: 0,3383
CCT	: 6365
LUX	: 1896

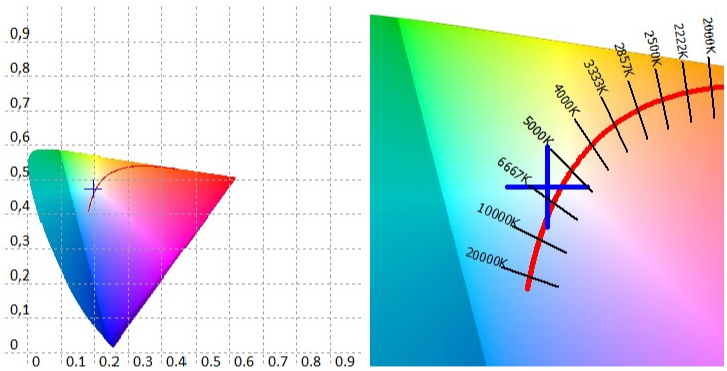
Spectrum



CIE1931



CIE1976



Company: Ledgrossisten

Address: Trintegatan 1

Postcode/Town: 253 68 Helsingborg

+46 42 - 456 91 50

Test location:

Date :2025/02/03

Phone number

SPECTRUM TEST REPORT

UPRtek
United Power Research Technology Corporation

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Features

I-Time	4200 us
LUX	1896
CCT	6365
Duv	0,0072
X	1760,67
Y	1896,09
Z	1947,95
x	0,3141
y	0,3383
u'	0,1954
v'	0,4734
x10	0,3196
y10	0,3393
u'10	0,1987
v'10	0,4748
LambdaD	495
deltax	-0,0016
deltay	0,0125
deltau'	-0,0058
deltav'	0,0064
Purity	6,20
S/P	2,26
fc	176,2
CRI	84,1
Rf	84,3
Rg	93,6
TLCI	76,8
GAI	85,5
CQS	83,2
R1	81,8

R2	88,8
R3	93,3
R4	82,2
R5	82,0
R6	83,6
R7	89,5
R8	71,6
R9	14,2
R10	72,8
R11	80,8
R12	58,3
R13	83,7
R14	97,5
R15	76,3
LambdaP	453
LambdaPV	54,18
IRR	6,127
BL%	32,25
Kb,v	0,00080
Eb	1,51
MEL Irradiance	224,0597
MEL Daylight Lux	1689,2020
Rhodopic Lux	1897,9437
Chloropic Lux	1913,7360
Erythropic Lux	1836,5117
Cyanopic Lux	1783,6750
Melanopic Lux	1864,4614
Melanopic Ratio	0,9833
MDER	0,8909
PPFD	27,16

PFD-B	7,613
PFD-G	12,58
PFD-R	6,967
PFD-UV	0,0013
PFD-FR	0,6355
PFD	27,80
PFD-B:G ratio	0,6051
PFD-R:FR ratio	10,96
COI	11,41

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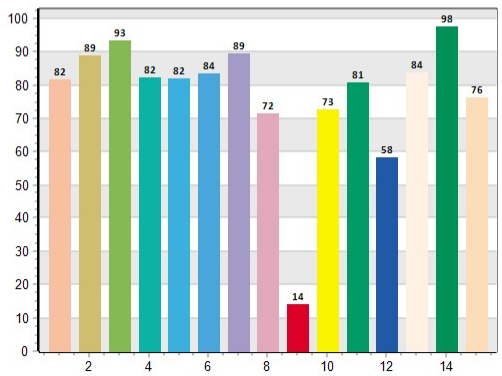
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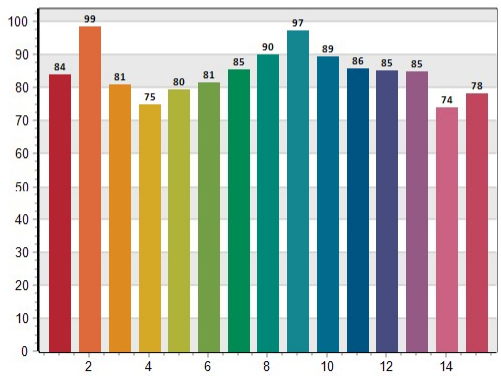
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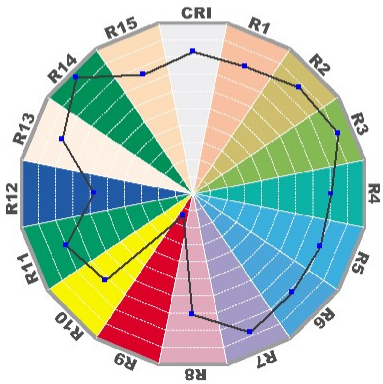
CRI: 84,09



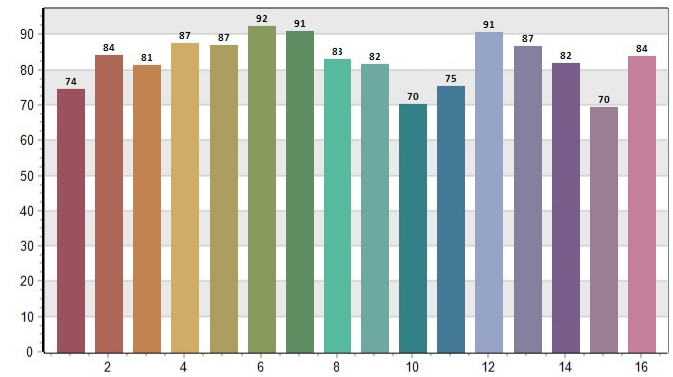
CQS: 83,17



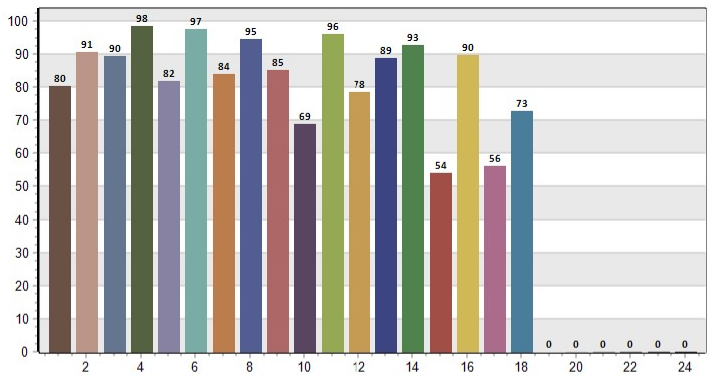
CRI-2



TM30: 84,28



TLCI: 76,82



CRI values, only R1-R8 are used to calculate final CRI

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
81,8	88,8	93,3	82,2	82,0	83,6	89,5	71,6	14,2	72,8	80,8	58,3	83,7	97,5	76,3

TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
74,5	84,2	81,3	87,5	87,1	92,4	91,1	83,2	81,7	70,3	75,3	90,6	86,7	82,0	69,5	83,8

CQS Q values

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
84,0	98,5	81,0	74,8	79,5	81,5	85,5	90,2	97,2	89,3	85,8	85,3	85,0	73,9	78,2

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