

# Photometric Report



33059 - Performer Profile 150 Q6 (C), Zoom: narrow, Ordercode

## REPORT SUMMARY

### Output

Total Lumens:	458 Lumen
Peak Intensity:	3504 candela
Illuminance @ 5m:	140 lx
CRI:	0,0
CCT:	0 K

### Optical

Beam Angle (50%)	23,8 °
Field Angle (10%)	27,2 °

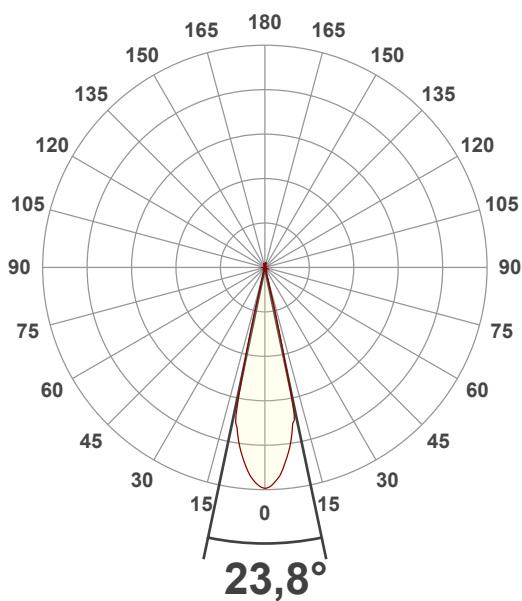
### Conditions:

Power Supply:	227 V
Power:	28,4 W
Current:	0,281 A
Power Factor:	0,45

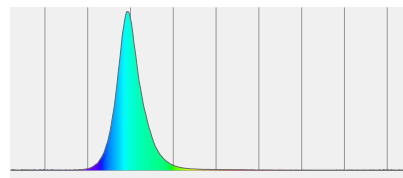


## MEASUREMENTS

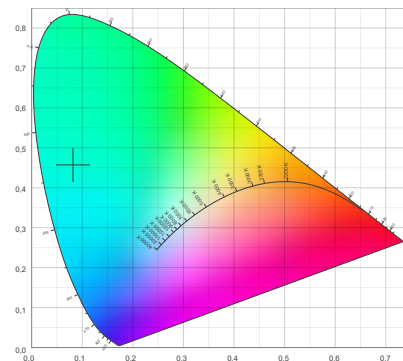
Angular Beam Distribution



Spectral Distribution



CIE 1931

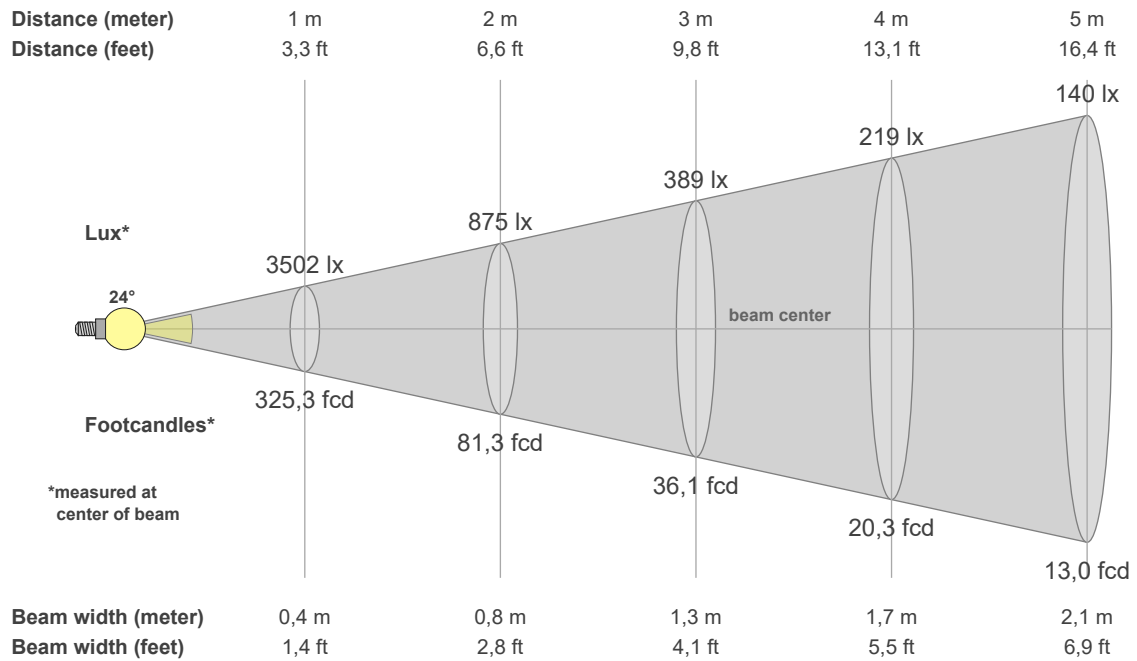


## BEAM DETAILS

# Photometric Report

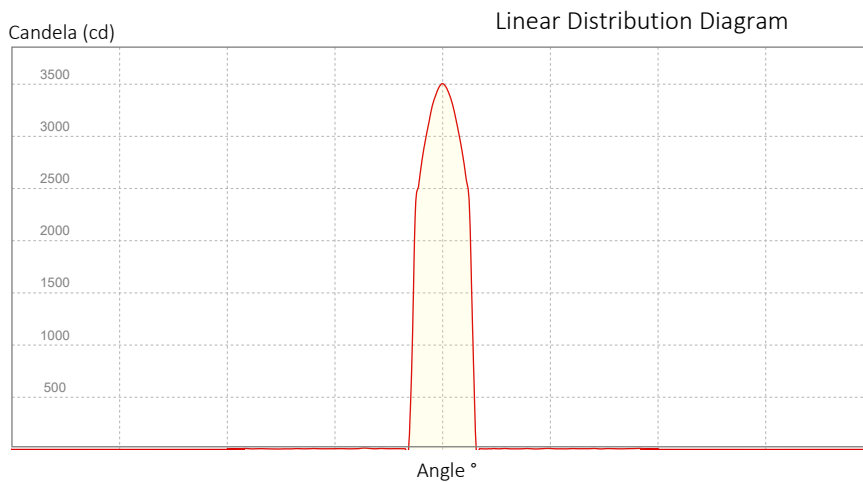


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## Beam Illuminances from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	19,7ft	23ft	26,2ft	29,5ft	32,8ft	36,1ft	39,4ft	42,7ft	45,9ft	49,2ft	52,5ft	55,8ft	59,1ft	62,3ft	65,6ft
3502lx	875lx	389lx	219lx	140lx	97lx	71lx	55lx	43lx	35lx	29lx	24lx	21lx	18lx	16lx	14lx	12lx	11lx	10lx	9lx
325,3fcd	81,3fcd	36,1fcd	20,3fcd	13fcd	9fcd	6,6fcd	5,1fcd	4fcd	3,3fcd	2,7fcd	2,3fcd	1,9fcd	1,7fcd	1,4fcd	1,3fcd	1,1fcd	1fcd	0,9fcd	0,8fcd



Beam Angle (50%): 23,8 °  
 Field Angle (10%): 27,2 °  
 Cutoff Angle (3%): 28 °

## POLAR DIAGRAMS

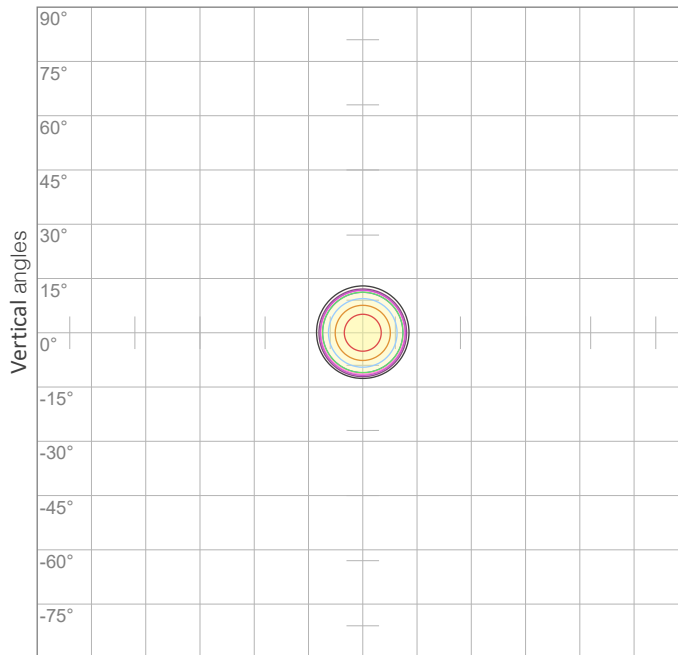
### ISO candela diagram

All product specifications, measurements, values and dimensions are subject to change without prior notice

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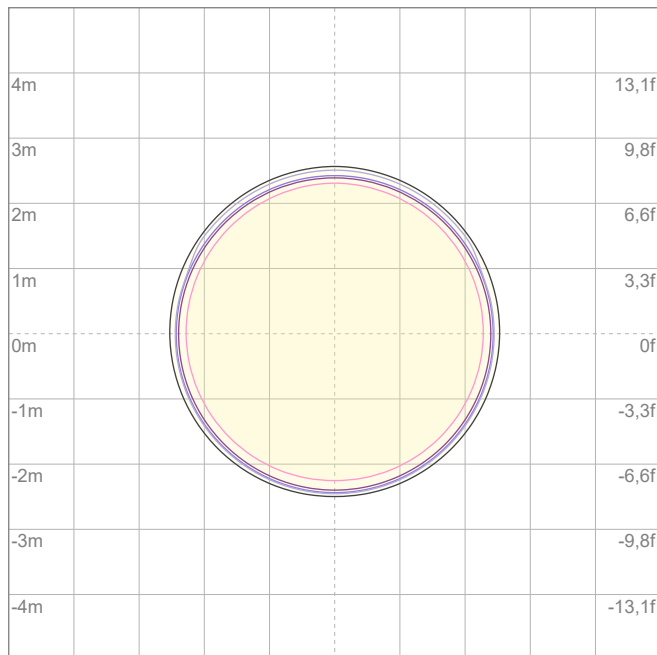


10%	350 cd
20%	700 cd
30%	1051 cd
40%	1401 cd
50%	1751 cd
60%	2101 cd
70%	2451 cd

Conditions:

Number of c-planes: {C\_PLANES}

Candela at center: 3502 cd



## ISO lux diagram

3%	1,05 lx
5%	1,75 lx
10%	3,50 lx
30%	10,5 lx
50%	17,5 lx

Conditions:

Number of c-planes: 2

Lux at center: 35,0 lx

*Lux distribution on a surface when lamp is mounted at 10 meters from the surface.*

Mounting height: 10 meters (33 feet)

## CHROMATICITY REPORT



# Photometric Report

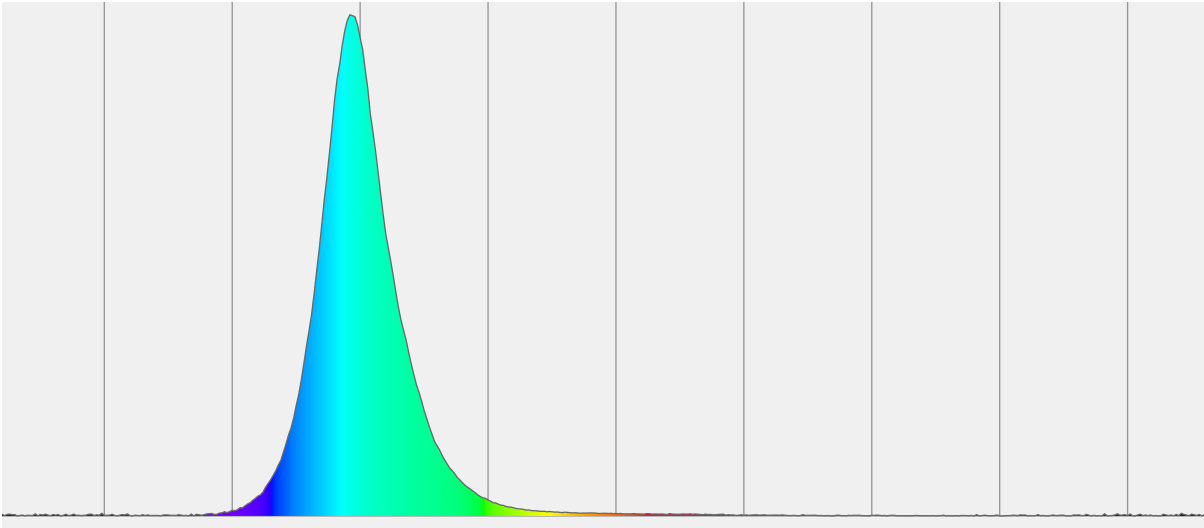
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Total Lumens: 458 lm  
Peak Intensity: 3504 cd  
Fixture Efficiency: 16 Lumen/Watt

Color Temperature: 0 K  
CRI: 0,0  
CRI R9: 0,0  
CQS: 0,0  
TM-30 Rf: 0,0  
TM-30 Rg: 0,0  
 $\Delta uv$ : n/a  
1<sup>st</sup> Dominant Wavelength: 496 nm  
2<sup>nd</sup> Dominant Wavelength: n/a nm



Spectral Distribution



**Color**

**0 K**  
CIE 1931 Coordinates:  
X: 0,082 Y: 0,457

**Color Temperature**

0 K

**CRI**

0,0

## CHROMATICITY

CIE 1931 - Detail

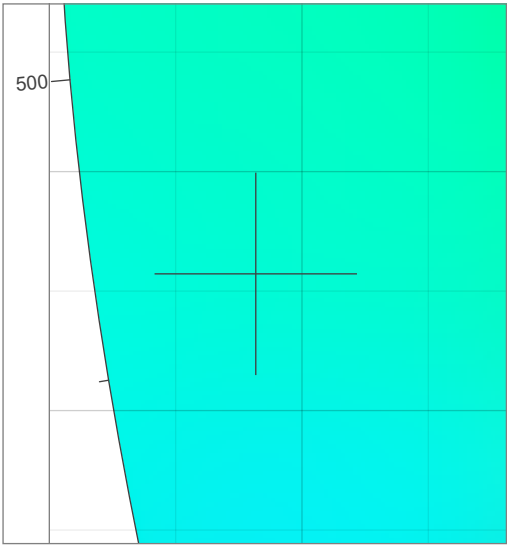
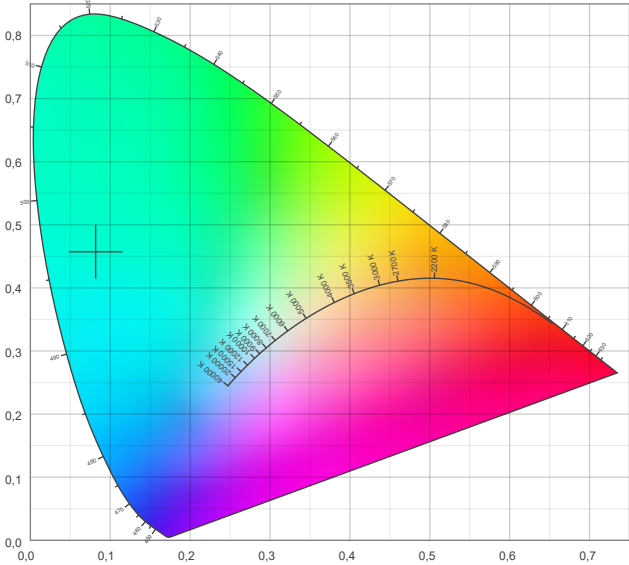
0 K

All product specifications, measurements, values and dimensions are subject to change without prior notice  
X: 0,082  
Y: 0,457

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CIE 1931



CRI: 0,0 (R1-R8)

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	

CQSI: 0,0

0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	

TM-30-18 DETAILS

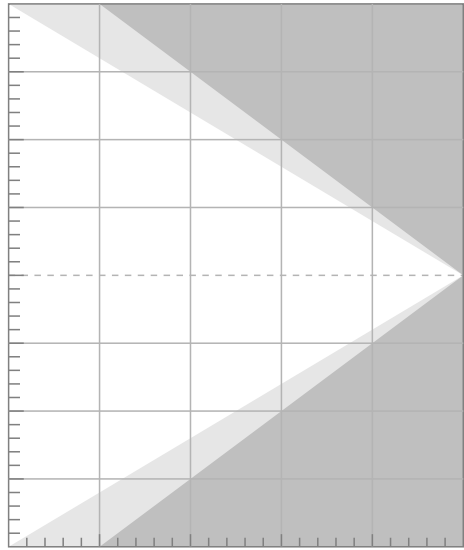
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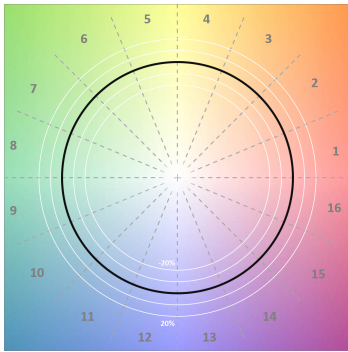
**Rf 0,0**  
Fidelity index Rf

**Rg 0,0**  
Gamut index Rg

Hue Bin	Rf	Shifts (%)	
		Chroma	Hue
1	0	0%	0%
2	0	0%	0%
3	0	0%	0%
4	0	0%	0%
5	0	0%	0%
6	0	0%	0%
7	0	0%	0%
8	0	0%	0%
9	0	0%	0%
10	0	0%	0%
11	0	0%	0%
12	0	0%	0%
13	0	0%	0%
14	0	0%	0%
15	0	0%	0%
16	0	0%	0%

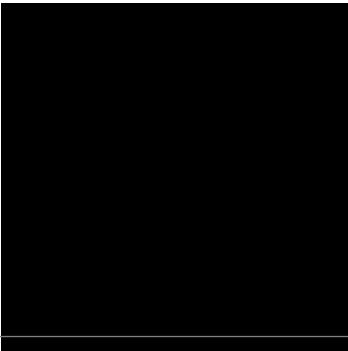


**TM30-18 Color Vectors**



**Rf by Hue Bin**


**TM30 Color Distortion**



**TM30 Chroma Shift**


**TM30 Color Fidelity Sample Chart**


C5311 C5312 C5313 C5314 C5315 C5316 C5317 C5318 C5319 C5320 C5321 C5322 C5323 C5324 C5325 C5326 C5327 C5328 C5329 C5330 C5331 C5332 C5333 C5334 C5335 C5336 C5337 C5338 C5339 C5340 C5341 C5342 C5343 C5344 C5345 C5346 C5347 C5348 C5349 C5350 C5351 C5352 C5353 C5354 C5355 C5356 C5357 C5358 C5359 C5360 C5361 C5362 C5363 C5364 C5365 C5366 C5367 C5368 C5369 C5370 C5371 C5372 C5373 C5374 C5375 C5376 C5377 C5378 C5379 C5380 C5381 C5382 C5383 C5384 C5385 C5386 C5387 C5388 C5389 C5390 C5391 C5392 C5393 C5394 C5395 C5396 C5397 C5398 C5399