

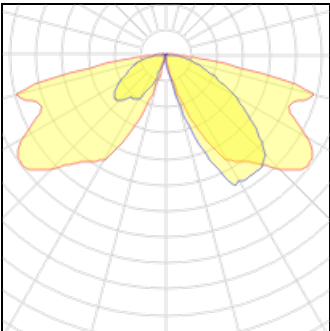
Product data sheet

ILLUMINATING BOLLARD CITY ELEMENTS 180-2 P-AR M.DIM 4000K
16.10365.1VXXX + 16.20303.XVXXX
HESS

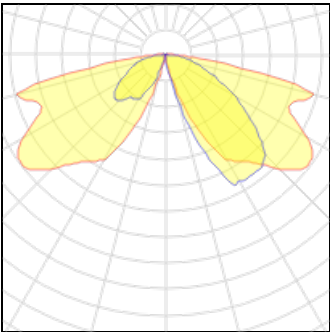


Top Element 180-2 P-AR For illuminating bollard CITY ELEMENTS 180-2 Constructed from aluminium tube section $\varnothing$ 180 mm Module length 380 mm Mounting via bayonet lock on basic element Glass made of polycarbonate (PC) 16.20303.XVXXX Base Element 180-2 P-CR02/04 For illuminated bollard CITY ELEMENTS 180-2 Made of aluminium tube $\varnothing$ 180 mm With welded-in bayonet ring made of die-cast aluminium (For the mounting of the top element) Module length: 820 mm Colour: DB 703 or all RAL- (classic- single shades), Hess-DB and Hess-Glimmer- colours. RAL pearl-mica-metallic-shades on request.

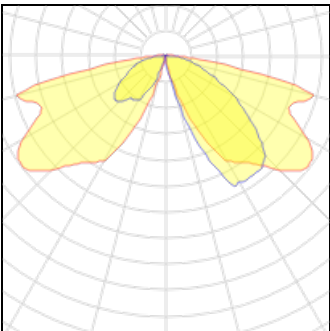
Light output 1



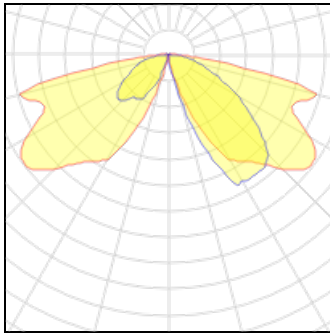
1 x LED			
Nominal lamp power	12 W	LOR	100%
Lamp flux	1060 lm	ULOR	100%
Luminous efficacy	88 lm/W	Total flux	1060 lm
CCT	4000 K	Total power	12 W
CRI	80		



1 x LED			
Nominal lamp power	12 W	LOR	100%
Lamp flux	1038 lm	ULOR	100%
Luminous efficacy	86 lm/W	Total flux	1038 lm
CCT	4000 K	Total power	12 W
CRI	80		



1 x LED			
Nominal lamp power	15 W	LOR	100%
Lamp flux	1291 lm	ULOR	100%
Luminous efficacy	86 lm/W	Total flux	1291 lm
CCT	4000 K	Total power	15 W
CRI	80		

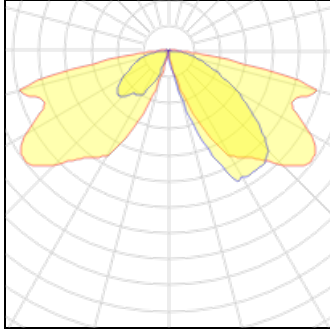
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

15 W
1194 lm
80 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1194 lm
15 W

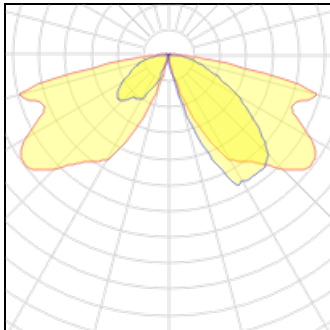
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

15 W
1189 lm
79 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1189 lm
15 W

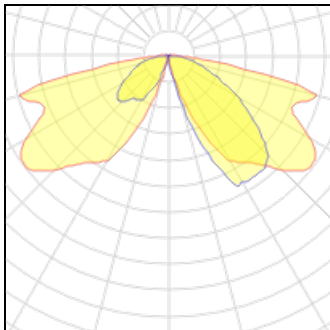
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

15 W
1238 lm
83 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1238 lm
15 W

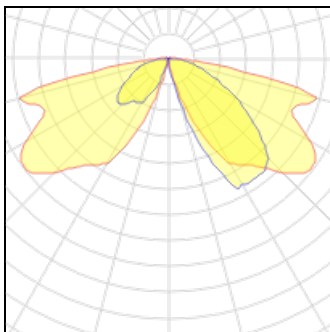
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

15 W
1233 lm
82 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1233 lm
15 W

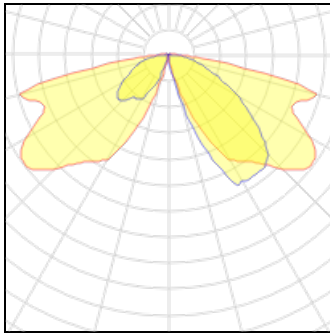
**1 x LED**

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

15 W
1147 lm
76 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1147 lm
15 W



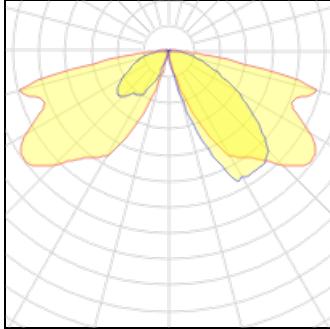
1 x LED

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

15 W
1264 lm
84 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1264 lm
15 W



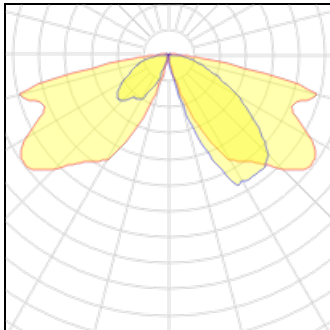
1 x LED

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

12 W
861 lm
72 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
861 lm
12 W



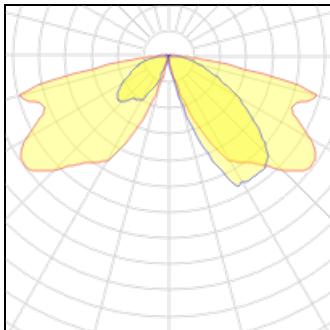
1 x LED

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

20 W
1762 lm
88 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1762 lm
20 W



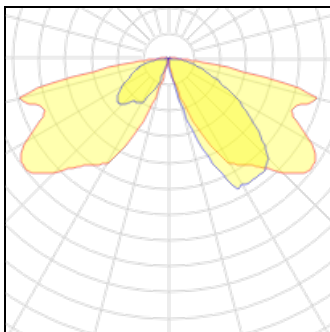
1 x LED

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

12 W
896 lm
75 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
896 lm
12 W



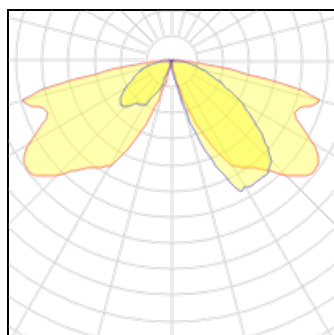
1 x LED

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

20 W
1706 lm
85 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1706 lm
20 W



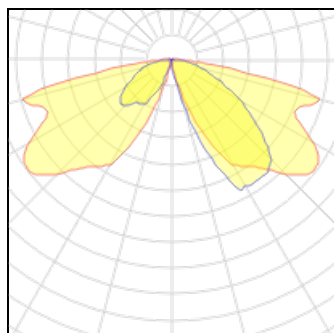
1 x LED

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

20 W
1654 lm
83 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1654 lm
20 W



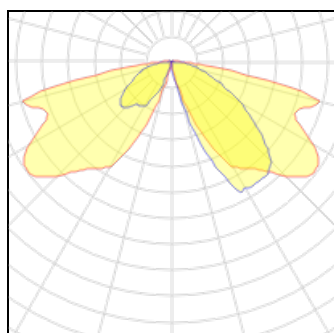
1 x LED

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

20 W
1726 lm
86 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1726 lm
20 W



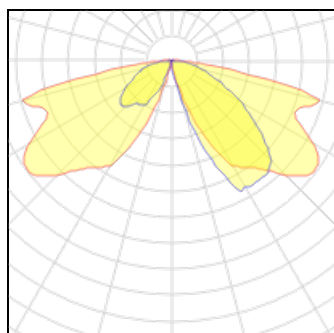
1 x LED

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

20 W
1761 lm
88 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1761 lm
20 W



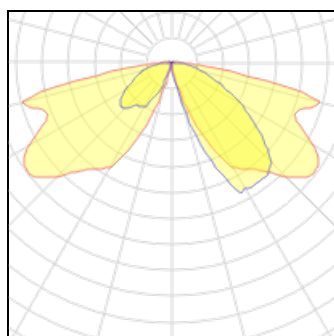
1 x LED

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

20 W
1638 lm
82 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1638 lm
20 W



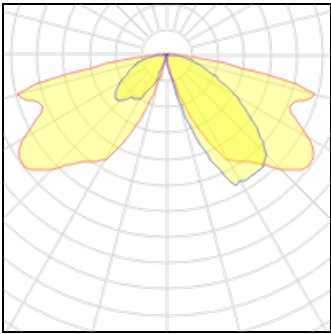
1 x LED

Nominal lamp power
Lamp flux
Luminous efficacy
CCT
CRI

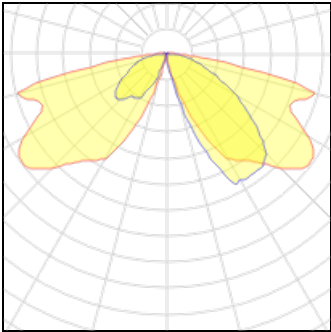
12 W
1016 lm
85 lm/W
4000 K
80

LOR
ULOR
Total flux
Total power

100%
100%
1016 lm
12 W



1 x LED			
Nominal lamp power	20 W	LOR	100%
Lamp flux	1801 lm	ULOR	100%
Luminous efficacy	90 lm/W	Total flux	1801 lm
CCT	4000 K	Total power	20 W
CRI	80		



1 x LED			
Nominal lamp power	12 W	LOR	100%
Lamp flux	924 lm	ULOR	100%
Luminous efficacy	77 lm/W	Total flux	924 lm
CCT	4000 K	Total power	12 W
CRI	80		

Mounting mode

Standing / Bollard

Shape and measurements

Length: 7.09 in

Width: 7.09 in

Height: 47.24 in

Adjustability

Fixed

Electric

System power: 12-20 W

Protection

IP: 65