



Museo d'arte moderna - Copenaghen, Danimarca - 2004



HELYOS

creatività e tecnologia

40 W

RGB
SISTEMA
CAMBIA COLORI



COLORI
DISPONIBILI



IP 66

Descrizione

Lente

trasparente 6°. Resistente agli urti e agli sbalzi termici.

Corpo faro

in alluminio ad elevata resistenza agli agenti atmosferici. Inclinabile da -120° a +120°. Verniciatura in grigio PE Matt Tweed con polveri epossidiche antistatiche.

Vite di bloccaggio

per fissare il faro nella posizione desiderata.

Staffa

permette di fissare il proiettore a parete, a soffitto o a pavimento.

Ferma lente addizionale

sistema semplificato per l'installazione della lente addizionale.

Collimatori

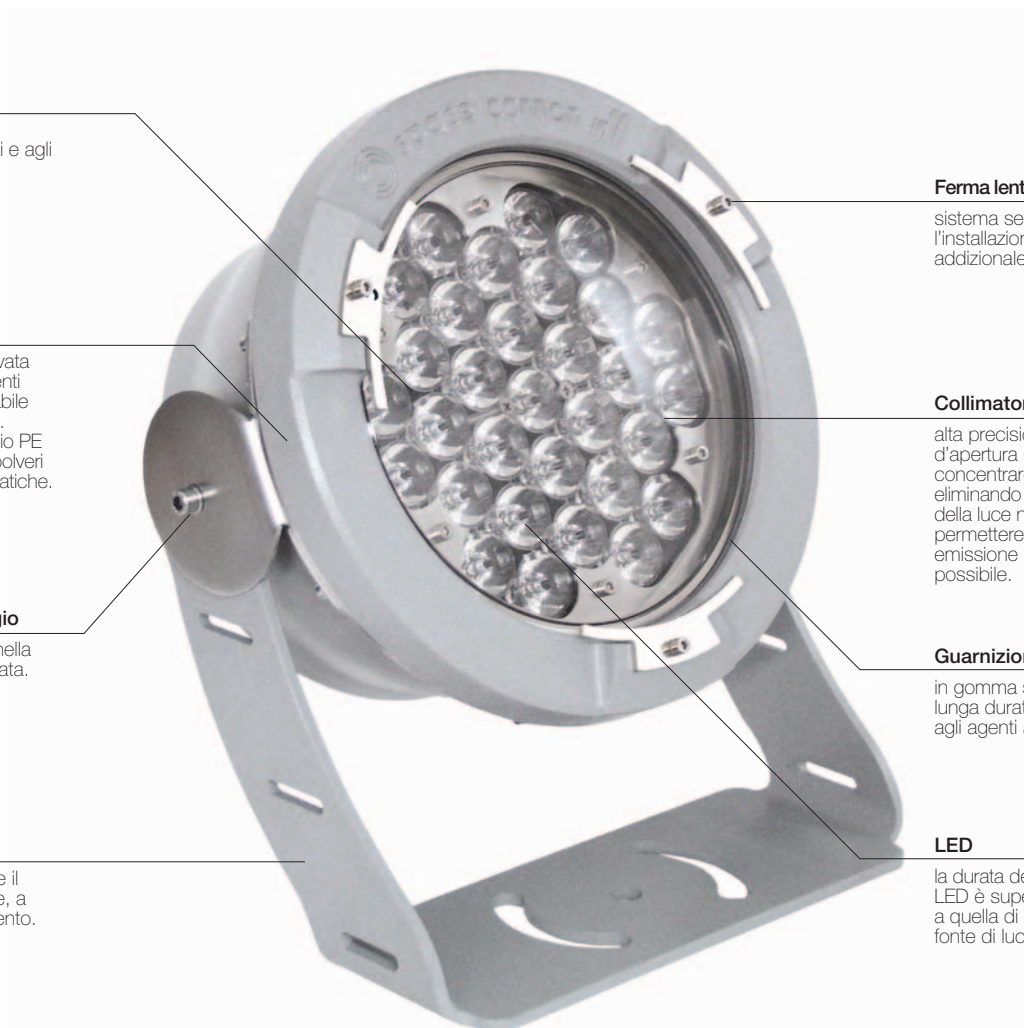
alta precisione, angolo d'apertura 6° per concentrare il fascio eliminando la dispersione della luce nell'ambiente e permettere la maggiore emissione luminosa possibile.

Guarnizioni

in gomma silconica di lunga durata, resistente agli agenti atmosferici.

LED

la durata delle lampade a LED è superiore rispetto a quella di qualsiasi altra fonte di luce artificiale.



Specifiche tecniche

Corpo faro

Materiale: alluminio ad elevata resistenza agli agenti atmosferici.
 Colore: grigio PE Matt Tweed.
 (altri colori disponibili su richiesta).

Grado di protezione

IP 66

LED

31 LED da 1,2 W ad alto flusso luminoso.
 Durata media50.000* h
 (* Dati caratteristici dichiarati da costruttori di componenti di tecnologia LED)

Ottica LED

31 collimatori ad alta precisione per la concentrazione del fascio.
 Apertura del fascio: 6°.
 Specificare al momento dell'acquisto se si desidera un'apertura del fascio luminoso differente da quella standard (6°): è possibile scegliere tra 20°, 30°, 45°, 20°x30° e 20°x60°.

Gamma colori

Disponibile in versione monocromatica (Rosso, Verde, Blu, Bianco e Ambra), nella versione RGB+W (Rosso+Verde+Blu+Bianco) o RGB+A (Rosso+Verde+Blu+Ambra) per una gamma completa di sfumature di colore morbide e sature.
 Temperatura colore del bianco disponibile su richiesta da 3000 K a 8000 K.

Alimentatore

Elettronico integrato.
 Tensione 90÷260 V AC monofase 50/60 Hz.
 Protezione cortocircuito e surriscaldamento.

Controllo

Protocollo standard DMX512 USITT'90; entrata/uscita DMX per controllare l'unità tramite centralina esterna; controllo Dip Switch per l'assegnazione dei canali DMX512.
 Compatibilità RDM opzionale.

Controllo del fascio

Sincro, Strobo, Delay e Dimmer elettronici mediante centralina DMX512 esterna.

Lista canali

Canale 1 BLU
 Canale 2 ROSSO
 Canale 3 VERDE
 Canale 4 AMBRA o BIANCO
 Canale 5 SINCRO
 Canale 6 STROBO
 Canale 7 DELAY

Classe d'isolamento

I

Brevetti

EP1601910Proiettore a LED
 ITAL960018U.....Reindirizzamento Canali DMX

Certificazioni

CE

Temperatura di esercizio

-15°C ÷ +50°C
 +5°F ÷ +122°F

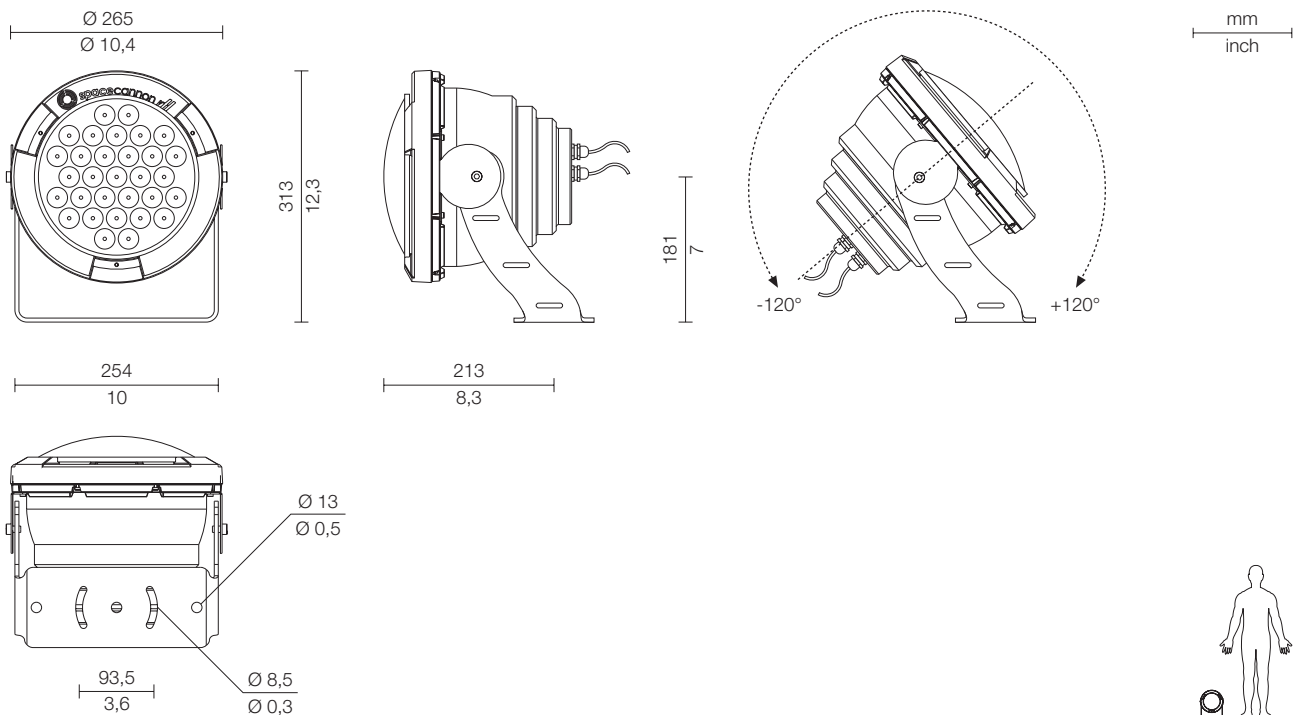
Peso

6 Kg - 13 lb

Accessori non inclusi

Space Control (controllo DMX esterno)
 Space Composer (controllo DMX esterno)

Dimensioni



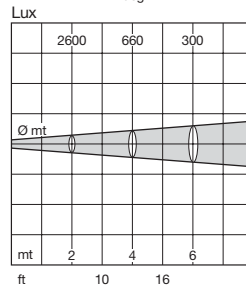
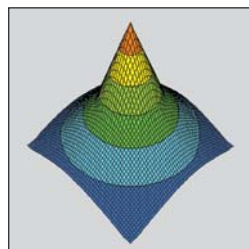
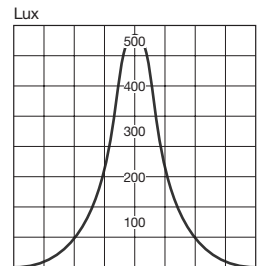
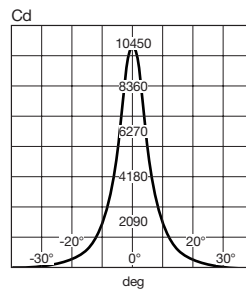
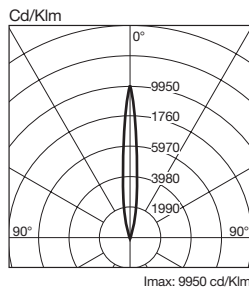


Fotometrie

Helyos - RGB

Apertura fascio 6°

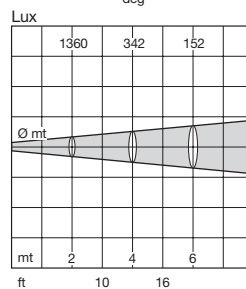
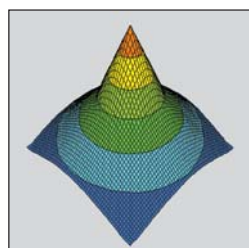
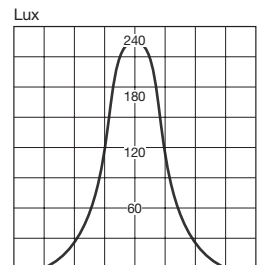
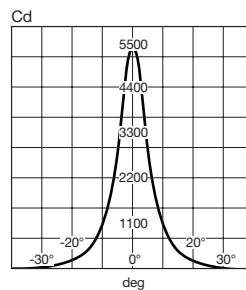
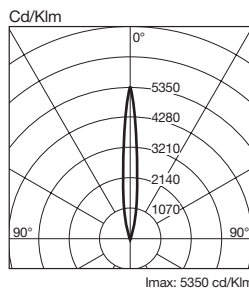
Concentra il fascio di luce, eliminandone la dispersione nell'ambiente e permettendone una maggiore emissione.



distanza	Lux	Ø 50%	Ø10%
2 mt	2600	0.5 mt	1.2 mt
3 mt	1156	0.7 mt	1.5 mt
4 mt	660	0.8 mt	2.2 mt
5 mt	416	1 mt	2.7 mt
6 mt	300	1.2 mt	3.2 mt
7 mt	220	1.4 mt	3.6 mt
10 mt	108	1.8 mt	5 mt

Apertura fascio 20°

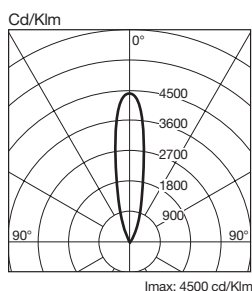
Ottiene una maggiore apertura del fascio di luce distribuendolo in modo ottimale sulla superficie.



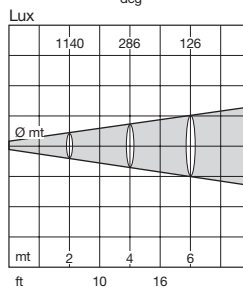
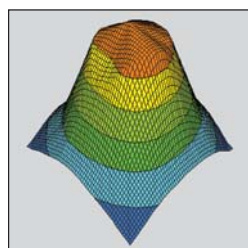
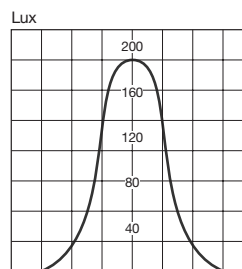
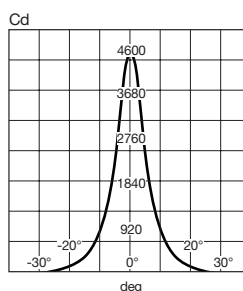
distanza	Lux	Ø 50%	Ø10%
2 mt	1360	0.55 mt	1.3 mt
3 mt	608	0.75 mt	1.8 mt
4 mt	342	0.9 mt	2.4 mt
5 mt	220	1.1 mt	3 mt
6 mt	152	1.4 mt	3.6 mt
8 mt	85	1.7 mt	4.7 mt
10 mt	54	2 mt	5.8 mt

Apertura fascio 30°

Espande il fascio luminoso donando morbidezza alla diffusione luminosa e limitando la dispersione esterna della luce.



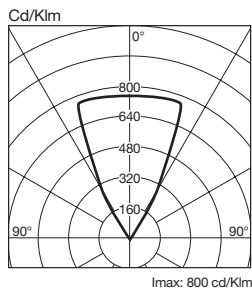
I_{max}: 4500 cd/Klm



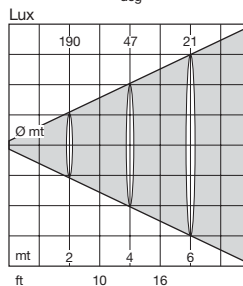
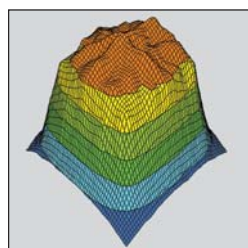
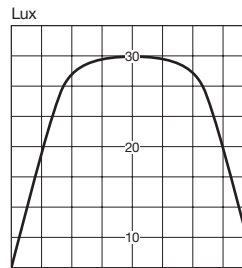
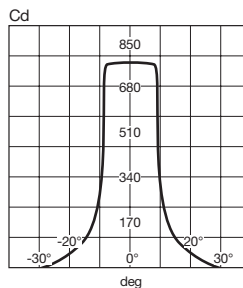
distanza	Lux	Ø 50%	Ø10%
2 mt	1140	0.8 mt	1.5 mt
3 mt	510	1.1 mt	2.2 mt
4 mt	286	1.4 mt	2.8 mt
5 mt	182	1.7 mt	3.5 mt
6 mt	126	2 mt	4.2 mt
8 mt	72	2.6 mt	5.5 mt
10 mt	46	3.2 mt	6.8 mt

Apertura fascio 45°

Espande alla massima apertura il fascio luminoso aggiungendo grande morbidezza alla diffusione luminosa.



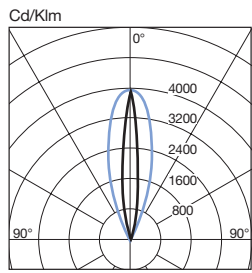
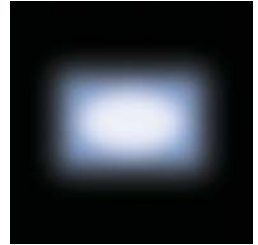
I_{max}: 800 cd/Klm



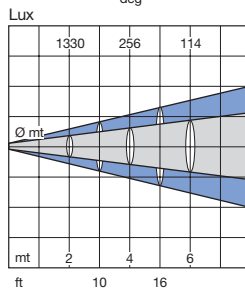
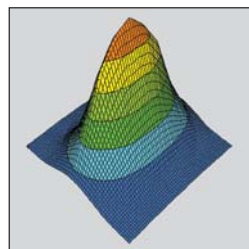
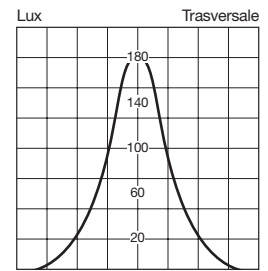
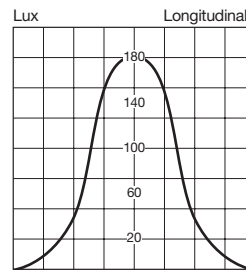
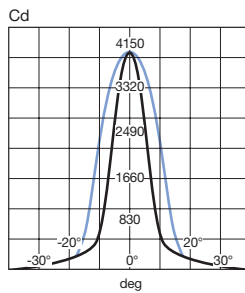
distanza	Lux	Ø 50%	Ø10%
1 mt	756	1.1 mt	1.6 mt
2 mt	190	2.1 mt	3 mt
3 mt	84	3 mt	4.5 mt
4 mt	47	4 mt	5.6 mt
5 mt	30	5 mt	7.2 mt
6 mt	21	6 mt	8.4 mt
7 mt	15.4	6.9 mt	10.2 mt

Apertura fascio 20°x30°

Espande il fascio luminoso aggiungendo grande morbidezza alla diffusione luminosa.



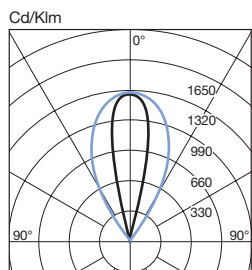
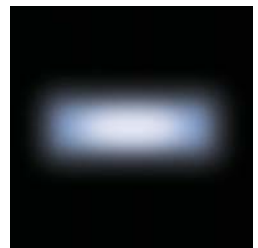
Imax: 4000 cd/Klm



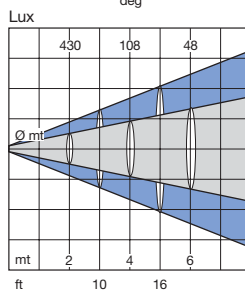
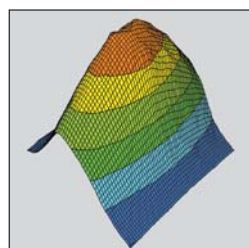
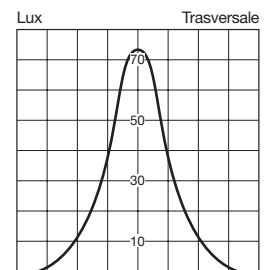
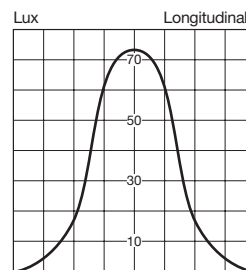
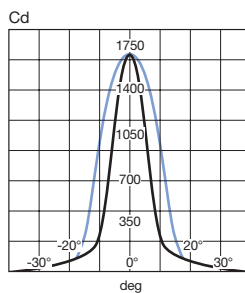
distanza	Lux	Longitudinale		Trasversale	
		Ø 50%	Ø 10%	Ø 50%	Ø 10%
2 mt	1030	1.2 mt	1.9 mt	0.7 mt	1.3 mt
3 mt	456	1.6 mt	2.8 mt	0.9 mt	1.8 mt
4 mt	256	2.2 mt	3.6 mt	1.2 mt	2.4 mt
5 mt	166	2.6 mt	4.6 mt	1.4 mt	2.8 mt
6 mt	114	3.2 mt	5.6 mt	1.7 mt	3.6 mt
8 mt	64	4.2 mt	7.2 mt	2.2 mt	4.5 mt
10 mt	41	5.2 mt	8.8 mt	2.7 mt	5.6 mt

Apertura fascio 20°x60°

Espande il fascio luminoso in una lama di luce orizzontale donando morbidezza alla diffusione luminosa e limitando la dispersione esterna della luce.



Imax: 1650 cd/Klm



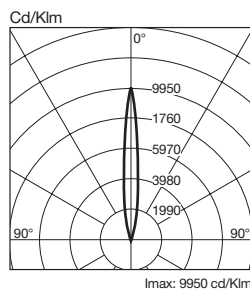
distanza	Lux	Longitudinale		Trasversale	
		Ø 50%	Ø 10%	Ø 50%	Ø 10%
2 mt	430	1.8 mt	3 mt	1 mt	1.9 mt
3 mt	190	2.6 mt	4.4 mt	1.4 mt	2.7 mt
4 mt	108	3.4 mt	5.7 mt	1.8 mt	3.6 mt
5 mt	70	4.2 mt	7.2 mt	2.2 mt	4.4 mt
6 mt	48	5.2 mt	8.5 mt	2.7 mt	5.2 mt
8 mt	27	7.2 mt	11.2 mt	3.6 mt	7.2 mt
10 mt	17	9.2 mt	14.2 mt	4.4 mt	8.8 mt

Fotometrie

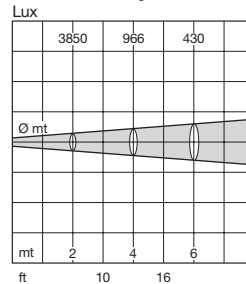
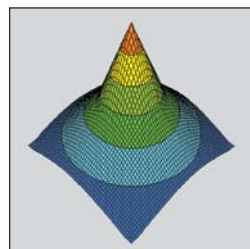
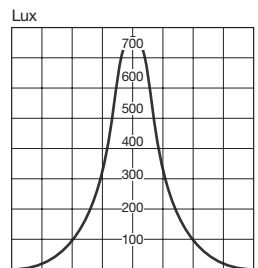
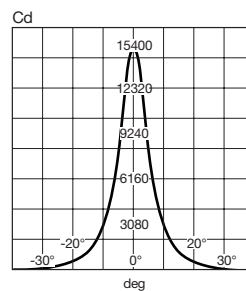
Helyos - Luce Bianca

Apertura fascio 6°

Concentra il fascio di luce, eliminandone la dispersione nell'ambiente e permettendone una maggiore emissione.



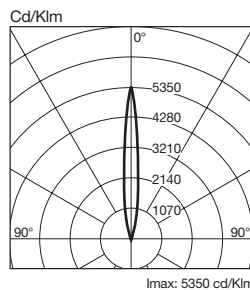
Imax: 9950 cd/Klm



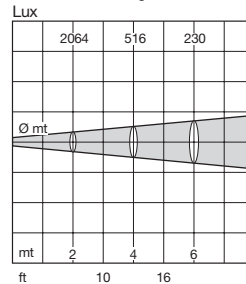
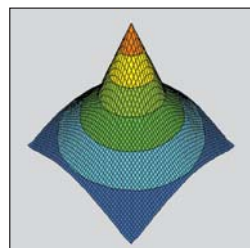
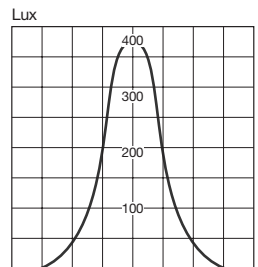
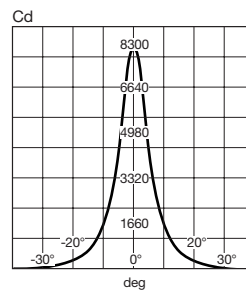
distanza	Lux	Ø 50%	Ø10%
2 mt	3850	0.5 mt	1.2 mt
3 mt	1710	0.7 mt	1.5 mt
4 mt	966	0.8 mt	2.2 mt
5 mt	620	1 mt	2.7 mt
6 mt	430	1.2 mt	3.2 mt
7 mt	314	1.4 mt	3.6 mt
10 mt	154	1.8 mt	5 mt

Apertura fascio 20°

Ottiene una maggiore apertura del fascio di luce distribuendolo in modo ottimale sulla superficie.



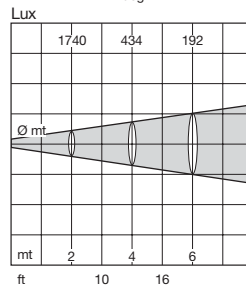
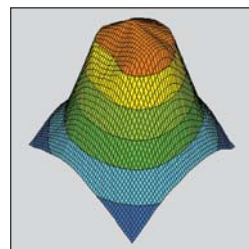
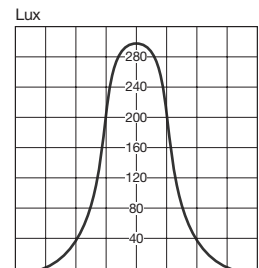
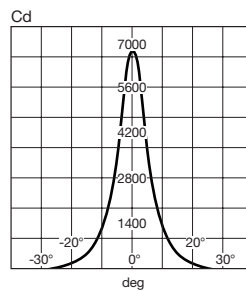
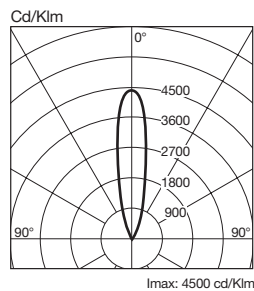
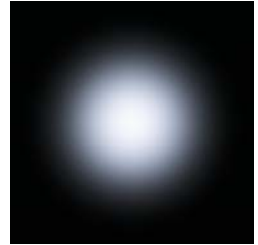
Imax: 5350 cd/Klm



distanza	Lux	Ø 50%	Ø10%
2 mt	2064	0.55 mt	1.3 mt
3 mt	916	0.75 mt	1.8 mt
4 mt	516	0.9 mt	2.4 mt
5 mt	330	1.1 mt	3 mt
6 mt	230	1.4 mt	3.6 mt
8 mt	130	1.7 mt	4.7 mt
10 mt	82	2 mt	5.8 mt

Apertura fascio 30°

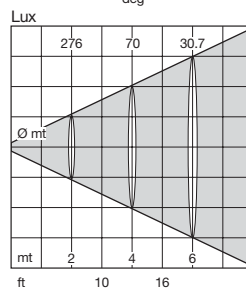
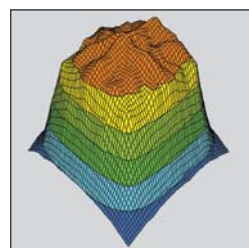
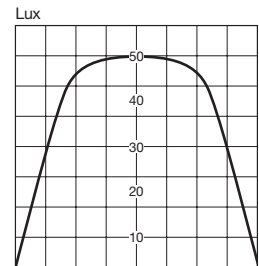
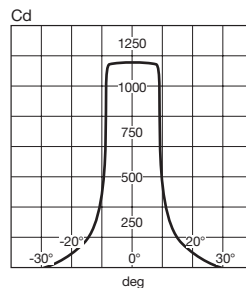
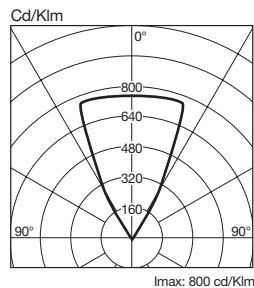
Espande il fascio luminoso donando morbidezza alla diffusione luminosa e limitando la dispersione esterna della luce.



distanza	Lux	Ø 50%	Ø10%
2 mt	1740	0.8 mt	1.5 mt
3 mt	772	1.1 mt	2.2 mt
4 mt	434	1.4 mt	2.8 mt
5 mt	278	1.7 mt	3.5 mt
6 mt	192	2 mt	4.2 mt
8 mt	109	2.6 mt	5.5 mt
10 mt	70	3.2 mt	6.8 mt

Apertura fascio 45°

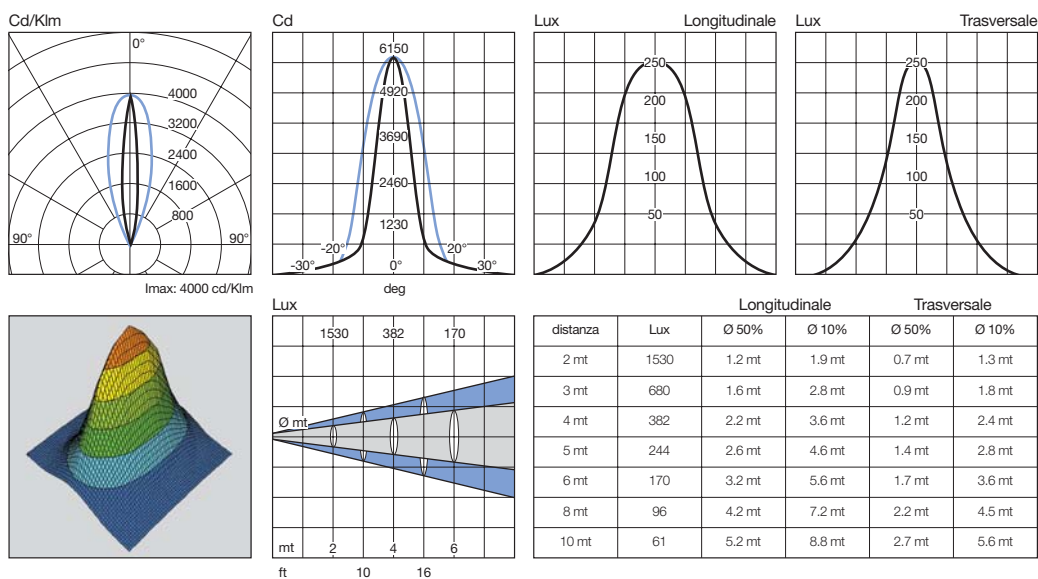
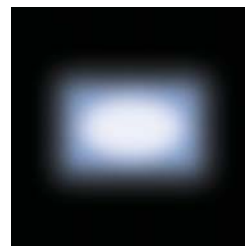
Espande alla massima apertura il fascio luminoso aggiungendo grande morbidezza alla diffusione luminosa.



distanza	Lux	Ø 50%	Ø10%
1 mt	1090	1.1 mt	1.6 mt
2 mt	276	2.1 mt	3 mt
3 mt	124	3 mt	4.5 mt
4 mt	70	4 mt	5.6 mt
5 mt	44	5 mt	7.2 mt
6 mt	30.7	6 mt	8.4 mt
7 mt	22.6	6.9 mt	10.2 mt

Apertura fascio 20°x30°

Espande il fascio luminoso aggiungendo grande morbidezza alla diffusione luminosa.



Apertura fascio 20°x60°

Espande il fascio luminoso in una lama di luce orizzontale donando morbidezza alla diffusione luminosa e limitando la dispersione esterna della luce.

